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Table of Contents

Subject Coverage *Click on Tab To Go To Subject*

IGI Global的国际团队.....4
InfoSci®-Knowledge Solutions.....5
Book Databases.....6
商业与管理.....8
计算机科学与信息技术.....250
教育.....336
环境、农业和自然科学.....532
政府与法律.....586
图书馆与信息科学.....620
媒体与传播.....652
医疗、保健与生命科学.....684
科学和工程.....756
安全和取证学.....814
社会科学与人文.....848
全球合作伙伴.....923

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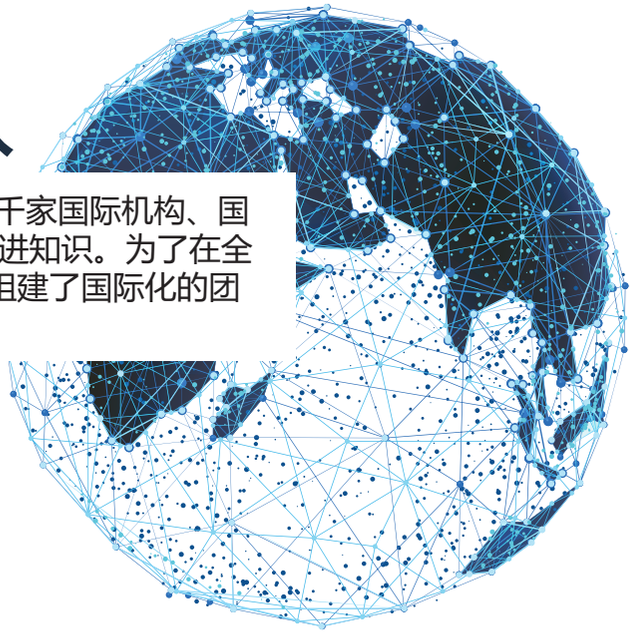

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IGI Global recently opened a subsidiary operation in China, called "IGI Science and Technology, Ltd." This China-based subsidiary of IGI Global is led by Ms. Yvonne Li, the Managing Director of IGI Science and Technology, Ltd., who brings extensive experience and leadership from her years of involvement in the publishing industry in China, having worked for other major international publishers in China for more than 15 years.

International

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Mr. Newcomer manages all of the company's marketing and sales activities across the world. These activities include all strategic conceptualization, implementation, execution, and analysis related to marketing and sales of IGI Global's reference books, scholarly journals, and InfoSci®-Databases. He brings nearly a decade of experience working with IGI Global, which includes more than six years as the company's Marketing Director.

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Ms. Campbell is responsible for developing, overseeing, and executing integrated marketing and promotional campaigns/strategies for IGI Global's single reference books and scholarly journals. With the extensive knowledge of IGI Global products and content, she works in close collaboration with the Executive Team, authors and editors, as well as established research and corporate partnerships to expand the branding and exposure of IGI Global.

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Mr. Jared Peterman assists in supporting IGI Global's domestic and international InfoSci-Database sales and the International Sales Directors. With extensive knowledge of IGI Global's products, he also provides current librarian customers with customer service and support.

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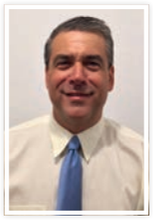

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Mr. Grossman has over 20 years of experience working in the publishing and information service industry within the United States and Canada, and his many years of experience as a sales account manager within academic publishing within the corporate, government, and higher education markets enable him to provide comprehensive solutions and customized service.

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Mr. Illingworth will be disseminating access to IGI Global's expanding portfolio of reference books, scholarly journals, and their expansive line of InfoSci-Databases among libraries, consortia, and the research community in Europe and the Middle East. With 16+ years of experience in the publishing and information service industry, Richard consistently ranks as one of academia's leading sales professionals, providing comprehensive research solutions.

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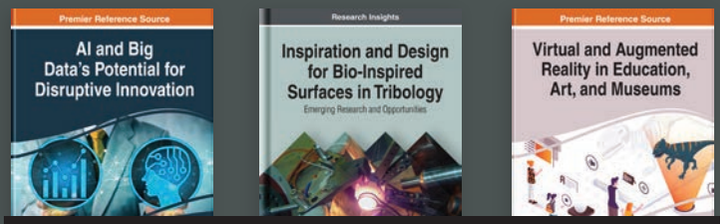

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Considered the Oscars of food and wine publications, the Gourmand Awards select from titles around the world. Every year, they honor the best food and wine books, printed or digital, as well as food television. This title is considered the #1 in the world in the category of Vegetarian Writing.

*"This publication looks at food from a **new, future-oriented perspective** because the current ways of production and consumption are threatening the health of our planet, its human population, and that of all other species. The book took a very positive approach by outlining alternatives to the current high consumption of livestock-based products, particularly by rich countries and wealthier sections of society."*

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- Risk Reduction Strategies
- Sourcing Strategies
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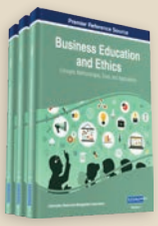

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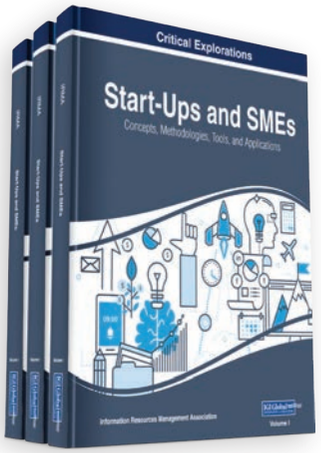

Smaller companies are abundant in the business realm and outnumber large companies by a wide margin. To maintain a competitive edge against other businesses, companies must ensure the most effective strategies and procedures are in place. This is particularly critical in smaller business environments that have fewer resources.

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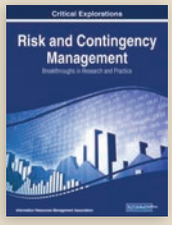

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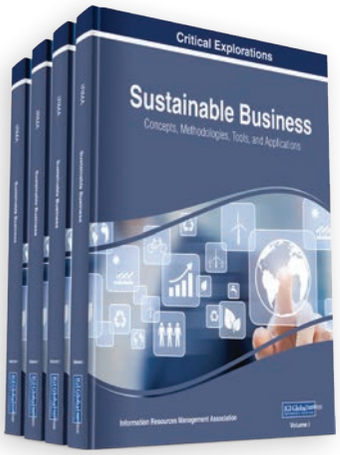

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In the increasingly competitive corporate sector, businesses must examine their current practices to ensure business success. By examining their social, financial, and environmental risks, obligations, and opportunities, businesses can re-design their operations more effectively to ensure prosperity.

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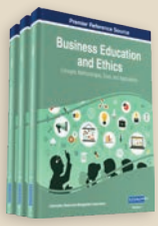

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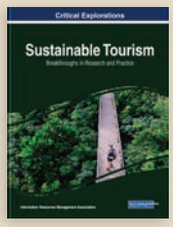

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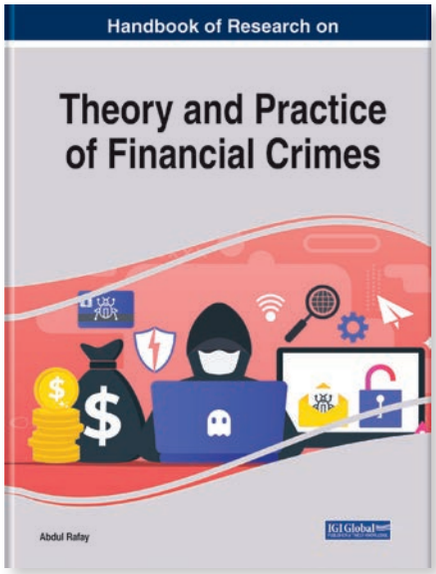

Description:

Black money and financial crime are emerging global phenomena. During the last few decades, corrupt financial practices were increasingly being monitored in many countries around the globe. Among a large number of problems is a lack of general awareness about all these issues among various stakeholders including researchers and practitioners.

The **Handbook of Research on Theory and Practice of Financial Crimes** is a critical scholarly research publication that provides comprehensive research on all aspects of black money and financial crime in individual, organizational, and societal experiences. The book further examines the implications of white-collar crime and practices to enhance forensic audits on financial fraud and the effects on tax enforcement. Featuring a wide range of topics such as ethical leadership, cybercrime, and blockchain, this book is ideal for policymakers, academicians, business professionals, managers, IT specialists, researchers, and students.

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- Blockchain
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- Financial Fraud
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- Tax Enforcement
- Terrorism Financing
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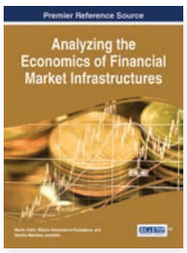

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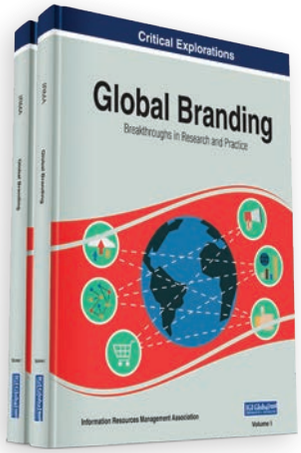

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To survive in today's competitive and globalized business environment, marketing professionals must look to develop innovative methods of reaching their customers and stakeholders. Examining the relationship between culture and marketing can provide companies with the data they need to expand their reach and increase their profits.

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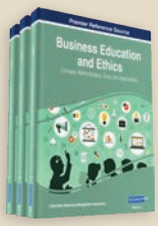

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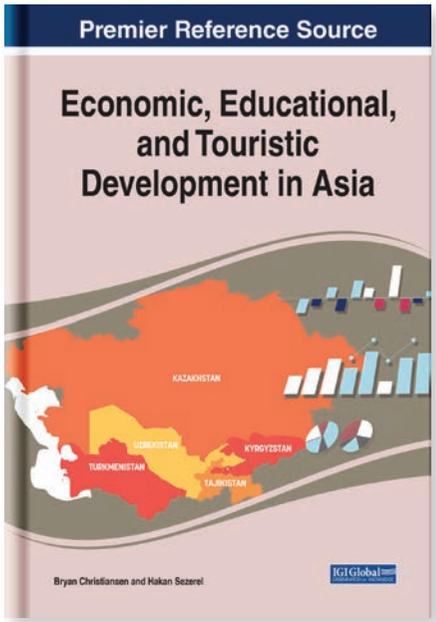

Description:

The progression of the independent states that were created after the collapse of the Soviet Union has become a prevalent area of research as these countries continue to make infrastructural strides. These regions possess vastly desirable natural resources including oil, gas, and minerals, causing this section of the world to have rising global importance as they continue to improve their economy, educational systems, and tourism industries.

Economic, Educational, and Touristic Development in Asia is a pivotal reference source that provides a thorough examination of the contemporary progression of several recently formed countries within Central Asia. While highlighting topics such as hospitality marketing, anti-corruption reform, and entrepreneurship, this publication explores the technological, educational, and security enhancements being made in these areas, as well as how this region can strengthen its prosperity by strategically utilizing their globally-coveted natural resources. This book is ideally designed for economists, higher education faculty, provosts, chancellors, scholars, practitioners, policymakers, business professionals, marketers, restaurateurs, hotel managers, tour developers, travel agencies, government officials, strategists, educators, researchers, and graduate students.

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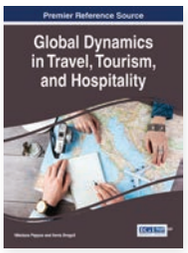

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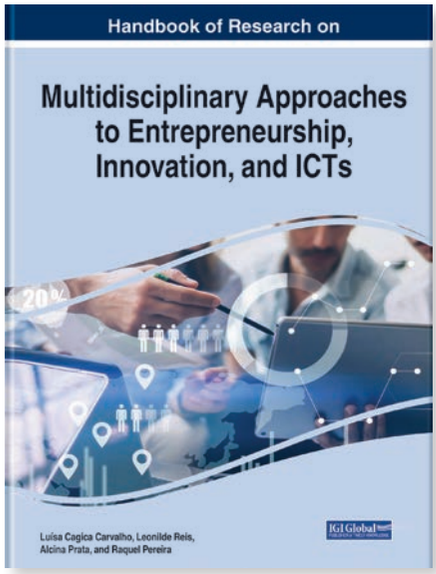

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Currently, most organizations are dependent on IS/ICT in order to support their business strategies. IS/ICT can promote the implementation of strategies and enhancers of optimization of the various aspects of the business. In market enterprises and social organizations, digital economy and ICTs are important tools that can empower social entrepreneurship initiatives to develop, fund, and implement new and innovative solutions to social, cultural, and environmental problems

The **Handbook of Research on Multidisciplinary Approaches to Entrepreneurship, Innovation, and ICTs** is an essential reference source that discusses the digitalization techniques of the modern workforce as well as important tools empowering social entrepreneurship initiatives. Featuring research on topics such as agile business analysis, multicultural workforce, and human resource management, this book is ideally designed for business managers, entrepreneurs, IT consultants, researchers, industry professionals, human resource consultants, academicians, and students.

Topics Covered:

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- Business Continuity
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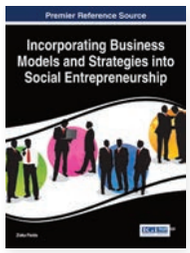

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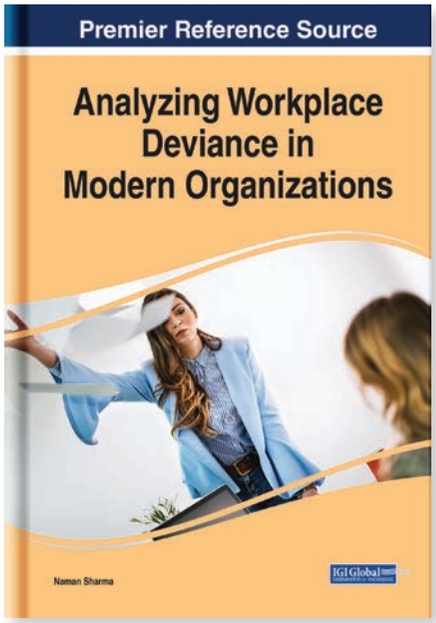

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Management leaders must constantly be prepared to correct the deviant behaviors of their employees and redirect the negative energy for the betterment of all. Ignoring this type of destructive behavior not only spoils the overall work environment for employees, but also risks the loss of quality, talented personnel.

Analyzing Workplace Deviance in Modern Organizations is an essential reference source containing innovative research on best practices for adopting and implementing employee deviance remedial strategies. While highlighting topics including conflict resolution, cultural issues, and deviant behavior, this book is ideally designed for executives, managers, directors, business professionals, industry practitioners, human resources managers, policymakers, researchers, academicians, and students working in management, organizational behavior, human resources, and employee relations fields.

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- Behavior Analysis
- Conflict Resolution
- Control Strategies
- Cultural Issues
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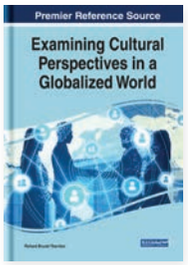

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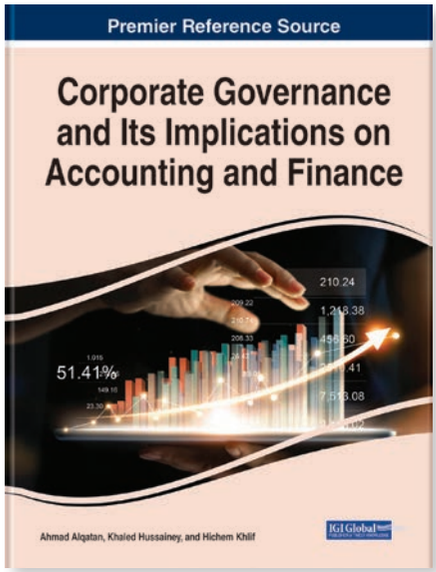

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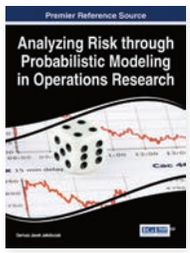

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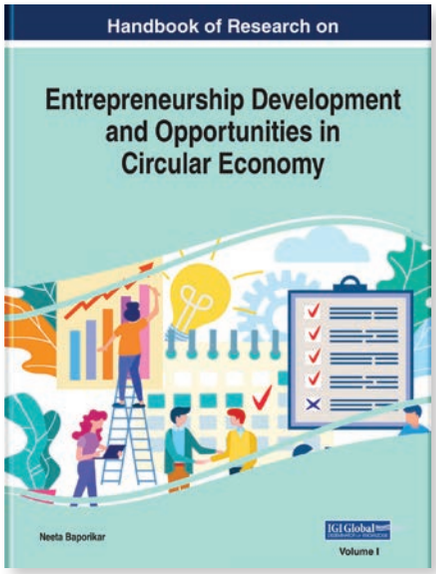

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With the need for sustainability, a focus on developing an economic system that aims at minimizing waste, commonly referred to as the circular economy, is emerging. Circular economy and studies related to it have gained worldwide attention, as it seems to be an effective alternative economic system. Naturally, the circular economy will impact enterprises and will shift how entrepreneurship development and entrepreneurial opportunities are perceived, developed, and resourced.

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ISBN: 9781799851165
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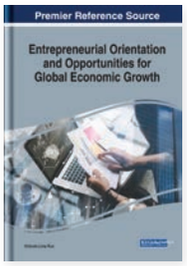

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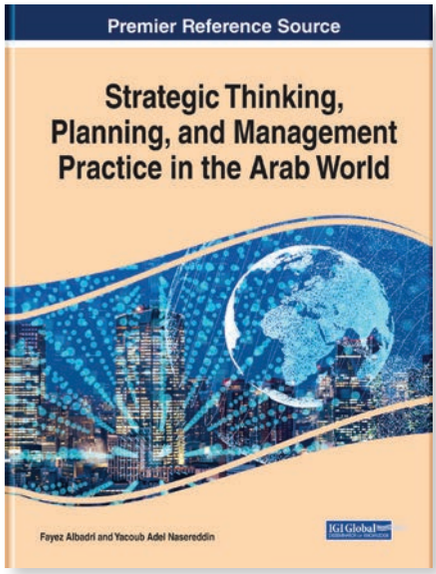

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Strategic Thinking, Planning, and Management Practice in the Arab World is an essential reference source that investigates the status of current strategic practice in the Arab world as well as the need to promote awareness of effective development strategies. Featuring research on topics such as social justice, practical entrepreneurship, and crisis management, this book is ideally designed for high-caliber strategists, academic scholars, and postgraduate research students.

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- Social Justice
- Strategic Healthcare
- Sustainable Development

"This book offers a scientific up-to-date literature on the topic, taking both real and virtual spaces into an integrated account. Both Dr. Fayez Ahmad Albadri and Dr. Yacoub Adel Nasereddin have exerted ***an honorable effort*** *which offers both interested and specialized readers and students* ***an in-depth knowledge into an area that is desperately needed****."*

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"This inception of the idea of this book was in a meeting at Middle East University Chairman of Trustees, where the discussion of the current political, social and economic status in the Arab world has led to ***the need to investigate the status of current strategic practice in the Arab world****, and the need promote awareness at all levels of effective strategic practice among academicians and practitioners, and thus prompting the need to publish a strategy book with a difference, a book that* ***captures the full spectrum of strategic practices in the Arab region*** *and that can be used as* ***a strategic practice reference book*** *and guide for both an audience of high caliber strategists, academic scholars and postgraduate research students."*

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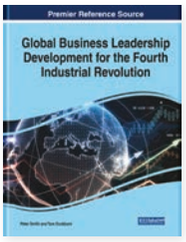

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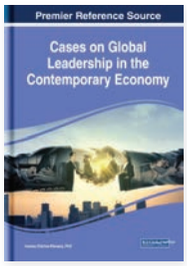

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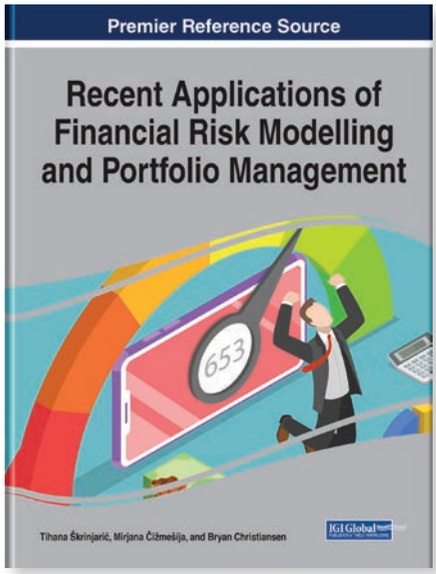

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Recent Applications of Financial Risk Modelling and Portfolio Management is a pivotal reference source that provides vital research on the use of modern data analysis as well as quantitative methods for developing successful portfolio and risk management techniques. While highlighting topics such as credit scoring, investment strategies, and budgeting, this publication explores diverse models for achieving investment goals as well as improving upon traditional financial modelling methods. This book is ideally designed for researchers, financial analysts, executives, practitioners, policymakers, academicians, and students seeking current research on contemporary risk management strategies in the financial sector.

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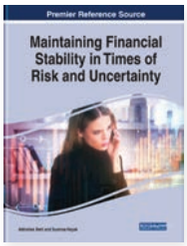

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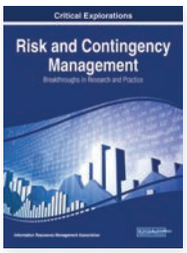

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Empowering Businesses With Collaborative Enterprise Architecture Frameworks is an essential reference source that provides readers with pragmatic, implementable strategies and direction to create IT with collaborative capabilities that can reduce the cost of running IT within an organization. Moreover, the book offers pragmatic roadmaps to adopting disruptive IT solutions effectively and efficiently and towards gaining a better understanding of enterprise architecture as a means to business decision making. Featuring research on topics such as business engineering, cloud computing, and open systems, this book is ideally designed for managers, directors, and other business decision makers; government and industry policymakers; business and enterprise architects; industry professionals; academicians; researchers; and students.

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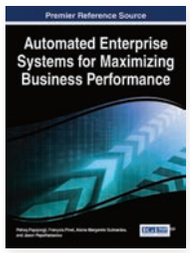

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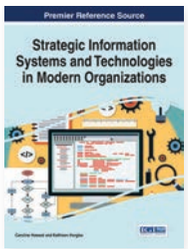

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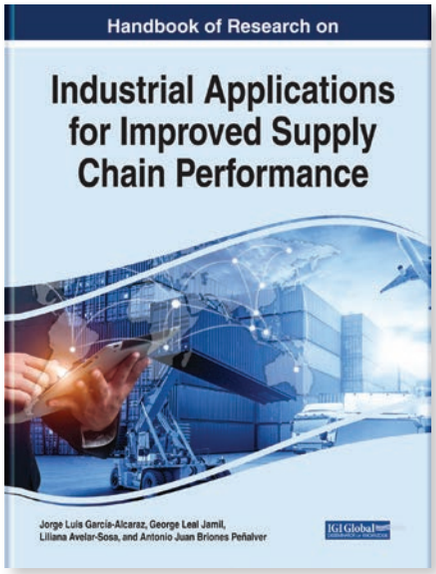

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In the industrial world, companies are always seeking competitive advantages to sustain themselves in the globalized market. A supply chain is one of these improvements that managers implement in order to stay ahead of the competition. However, certain methods of supply chains add risks such as the addition of costs, possible accidents, and economic losses. Because of this, companies are looking for techniques in which to progress their supply chain execution.

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ISBN: 9781799802020
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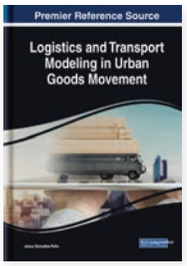

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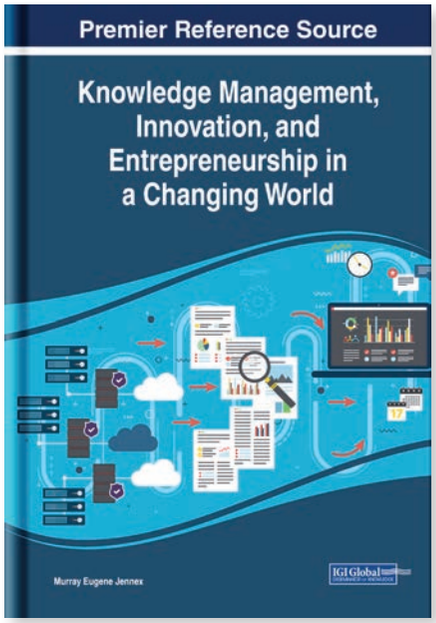

Description:

In today's world of business, gaining an advantage of competitors is a focal point for organizations and a driving force in the economy. New practices are being studied and implemented constantly by rivaling companies. Many industries have begun putting emphasis on intensive knowledge practices, with the belief that implementing cutting-edge learning practices will fuel research and innovation within the company. Understanding this dynamic method of management is critical for managers and executives who wish to propel the success of their organizations.

Knowledge Management, Innovation, and Entrepreneurship in a Changing World is a collection of pioneering research on the methods of gaining organizational advantages based on knowledge innovation and management. While highlighting topics including human-robot teaming, organizational learning, and e-collaboration, this book will explore the sustainable links between knowledge management influences and organizational capability. This book is ideally designed for managers, strategists, economists, policymakers, entrepreneurs, business professionals, researchers, students, and academics seeking research on recent trends in innovative economics and business technologies.

Topics Covered:

- Artificial Intelligence
- Business Modeling
- E-Collaboration
- Human-Robot Teaming
- Information Systems
- Knowledge Acquisition
- Organizational Learning
- Project Management
- Strategic Opportunities
- Technological Innovation

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Pages: 463

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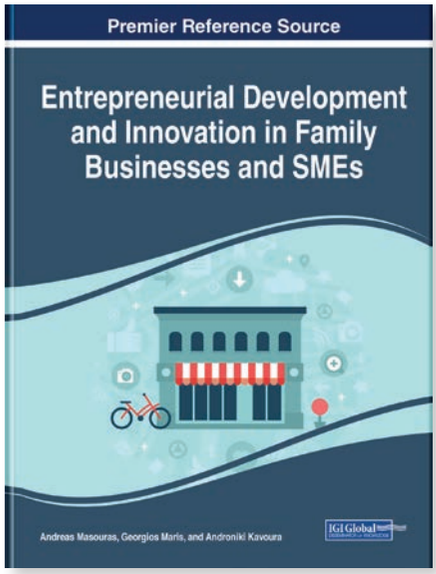

家族企业和中小企业的创业发展与创新

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Profs. Andreas Masouras (Neapolis University, Cyprus), Georgios Maris (University of the Aegean, Greece), and Androniki Kavoura (University of West Attica, Greece)

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Description:

Entrepreneurship is very important for both entrepreneurs and economic development. It helps boost innovation and competitiveness in every country and facilitates the creation of new jobs and new opportunities, especially for family businesses and small and medium enterprises (SMEs). Both entrepreneurship and innovation constitute a subject that is both topical and timeless, since institutions and the various institutional processes have always affected a country's sustainability.

Entrepreneurial Development and Innovation in Family Businesses and SMEs is an essential scholarly publication that contributes to the understanding, improving and strengthening of entrepreneurial development, and innovation's role in family businesses and SMEs by providing both theoretical and applied knowledge in order to find how and why entrepreneurship and innovation can produce inefficient and dysfunctional outcomes. Featuring a wide range of topics such as women entrepreneurship, internationalization, and organizational learning, this book is ideal for researchers, policymakers, entrepreneurs, executives, managers, academicians, and students.

Topics Covered:

- Corporate Entrepreneurship
- Digital Technologies
- Entrepreneurship
- Entrepreneurship Education
- Government Support
- Internationalization
- Job Growth
- Organizational Learning
- Organizational Performance
- SME Development
- Social Media Marketing
- Sustainability
- Women

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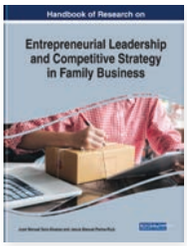

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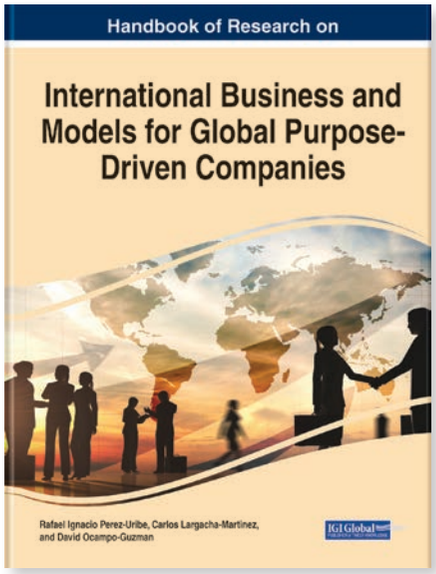

Description:

International businesses struggle to be competitive and influential at the global market level. With the new ideas in the management and leadership disciplines, hard skills are losing or are believed to be losing their strategic relevance while soft skills are praised and highly sought after.

The **Handbook of Research on International Business and Models for Global Purpose-Driven Companies** a pivotal reference source, provides vital research on international business management strategies and applications within internal organizations that allow companies to strategically position themselves for increased success in the global economy. While highlighting topics such as organizational culture, internal communication, and generational workforce, this publication explores leadership disciplines as well as the methods of handling multicultural organizations. This book is ideally designed for entrepreneurs, executives, managers, business professionals, human resource officials, researchers, academicians, and students.

Topics Covered:

- Design Thinking
- Generational Workforce
- Global Business
- Human Resource Management
- Internal Communication
- Multicultural Organizations
- Organizational Culture
- Organizational Research
- Small and Medium Enterprises
- Sustainable Business

ISBN: 9781799849094
Release Date: November, 2020
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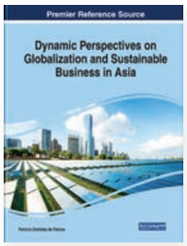

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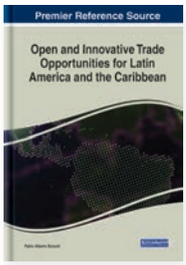

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Description:

Businesses in the Asia-Pacific communities provide enormous opportunities for local entrepreneurs to develop and collectively collaborate with other economies. However, several challenges and success factors exist for effective business operations in the region.

Innovative Management and Business Practices in Asia is a collection of innovative research that enhances understanding and collaboration in business, management, and technology in Asia for the present and in the future. While highlighting topics including corporate culture, international trade, and business administration, this book is ideally designed for managers, executives, CEOs, board members, corporate professionals, managing directors, deans, decision makers, professors, researchers, policymakers, industry practitioners, and students.

ISBN: 9781799815662
Release Date: December, 2019
Copyright: 2020
Pages: 365

Pricing:

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E-Book: US $225.00

Topics Covered:

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- Consumer Behavior
- Corporate Culture
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- Entrepreneurship
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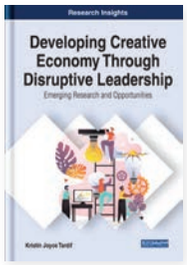

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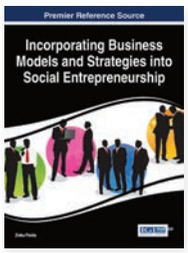

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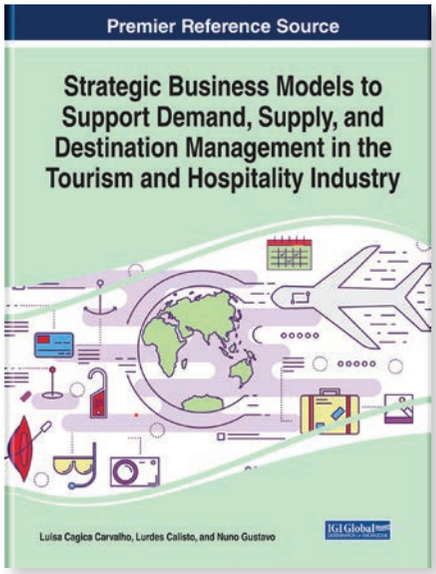

Description:

The international tourism industry has seen increased growth in the past few years as millions of individuals continue to travel worldwide. As one of the world's largest economic sectors, creating jobs, driving exports, and generating prosperity worldwide, hospitality and tourism management needs to continually be explored in order to update best business models and practice.

Strategic Business Models to Support Demand, Supply, and Destination Management in the Tourism and Hospitality Industry is an essential reference source that emphasizes emergent and innovative aspects and new challenges and issues within the industry with a particular focus on demand, supply, and destination management. Featuring research on topics such as circular economy, consumer behavior, and social networking, this book is ideally designed for business professionals, executives, hotel managers, event coordinators, restaurateurs, travel agents, tour directors, policymakers, government officials, industry professionals, researchers, students, and academicians.

ISBN: 9781522599364
Release Date: August, 2019
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Pages: 358

Pricing:

Hardcover: US $245.00
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Topics Covered:

- Branding
- Circular Economy
- Consumer Behavior
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- Digital Tourism
- Ecotourism
- Marketing Strategies
- Smart Technologies
- Social Networking
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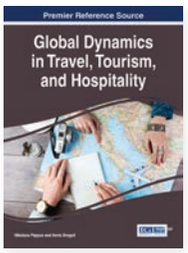

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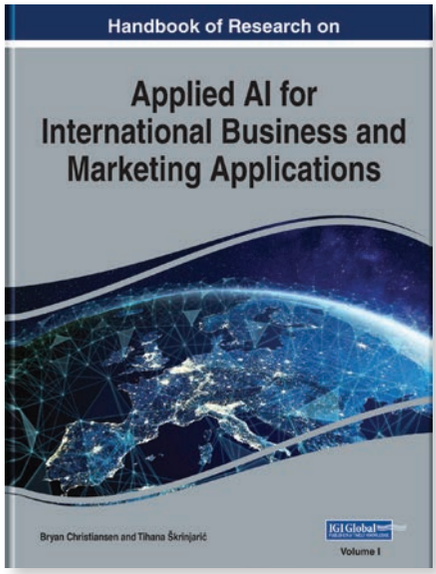

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Description:

Artificial intelligence (AI) describes machines/computers that mimic cognitive functions that humans associate with other human minds, such as learning and problem solving. As businesses have evolved to include more automation of processes, it has become more vital to understand AI and its various applications. Additionally, it is important for workers in the marketing industry to understand how to coincide with and utilize these techniques to enhance and make their work more efficient.

The **Handbook of Research on Applied AI for International Business and Marketing Applications** is a critical scholarly publication that provides comprehensive research on artificial intelligence applications within the context of international business. Highlighting a wide range of topics such as diversification, risk management, and artificial intelligence, this book is ideal for marketers, business professionals, academicians, practitioners, researchers, and students.

ISBN: 9781799850779
Release Date: September, 2020
Copyright: 2021
Pages: 702

Pricing:

Hardcover: US $295.00
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Topics Covered:

- Algorithms
- Artificial Intelligence
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- Diversification
- Globalization
- Human Resource Management
- Internationalization
- Machine Learning
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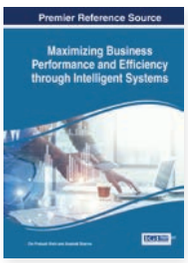

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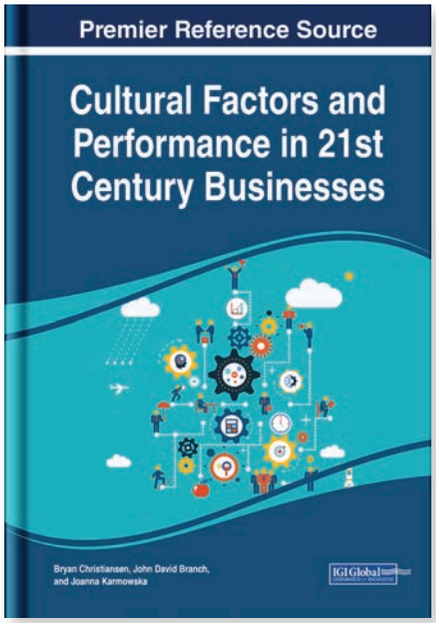

Description:

Businesses rely heavily on their culture to ensure sustainable success, and company culture is invariably influenced by national values. In an era of global hypercompetition, knowing the overall values that guide one's business ventures is crucial, as it allows for the greater understanding of other businesses and how they operate.

Cultural Factors and Performance in 21st Century Businesses is a pivotal reference source that examines the relationship between culture and trade. Covering a broad range of topics including ethics, economic geography, and socialization theory, this book examines cultures around the world and their intersection with trade. This publication is ideally designed for executives, managers, entrepreneurs, social scientists, policymakers, academicians, researchers, and students.

Topics Covered:

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- Economic Geography
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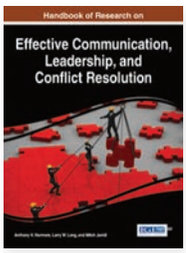

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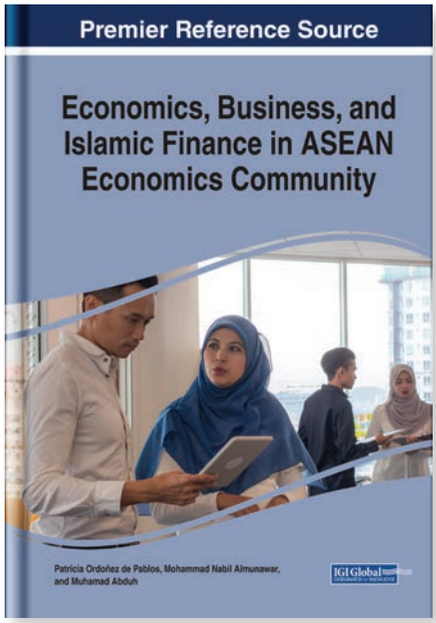

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Description:

The economic integration of Southeast Asia or ASEAN Economic Community (AEC) offers enormous opportunities for its members to develop and collectively collaborate with other economies. Combining the culture of the region with global business in an expanding digital atmosphere, however, has caused numerous challenges on an international scale. Due to the importance of this economic player in Asia, research on key topics including Islamic economics, Islamic finance, technology, and cultural issues in doing business are essential to understand the ASEAN competitive landscape and its relations with other countries.

Economics, Business, and Islamic Finance in ASEAN Economics Community is a pivotal reference source that explores key issues and enhances understanding of business and economics in the ASEAN community and explores the collaboration between this community and Islamic finance and technology. While highlighting topics such as global business, smart manufacturing, and human resource management, this publication explores sustainable development practices as well as the methods of cultural appreciation in economics. This book is ideally designed for deans, heads of department, directors, politicians, policymakers, economists, corporate heads, senior general managers, managing directors, information technology directors and managers, libraries, academicians, researchers, and students.

Topics Covered:

- Crowdfunding
- Digital Marketplace
- Economic Growth
- Entrepreneurship Training
- Global Business
- Human Resource Management
- Inclusive Economies
- Smart Manufacturing
- SMEs
- Social Media

"The book presents a collection of 15 chapters that ***addresses key topics*** *to understand business, economics and Islamic finance in ASEAN region and also explored trends and challenges in the region. It aims to* ***serve as an international platform*** *to bring together academics, researchers, lecturers, decision makers, policy makers, and practitioners to share new theories, research findings, and case studies and have a better knowledge and understanding of problems and opportunities in the region."*

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关于本书编辑：

Patricia Ordóñez de Pablos is a professor in the Department of Business Administration and Accountability in the Faculty of Economics and Business at The University of Oviedo (Spain). She holds a degree in Business Administration and a PhD (University of Oviedo, Spain). She completed her education in The London School of Economics (UK). Her teaching and research interests focus on the areas of strategic management, knowledge management, human resource management and Asia. She has wide experience as expert, reviewer and panel member for several international organizations, research agencies and ministries in areas related to the Science and Technology: European Commission (Horizon 2020), the Irish Research Council Government of Ireland (GOI), the Australian Research Council, the Slovak Research and Development Agency, the Hungarian Scientific Research Fund (OTKA), the Greek Ministry of National Education and Religious Affairs, and the National Agency for Project Evaluation (ANEP, Spain), among others. She is Editor-in-Chief of the International Journal of Learning and Intellectual Capital (IJLIC) and the International Journal of Strategic Change Management (IJSCM). She is also Editor-in-Chief of IGI Global's International Journal of Asian Business and Information Management (IJABIM), as well as editor for a number of IGI Global book publications and a full book series.

Dr. Hj Mohammad Nabil Almunawar is currently a senior assistant professor at School of Business and Economics, Universiti of Brunei Darussalam (UBDSBE), Brunei Darussalam. He received his Bachelor's degree in 1983 from Bogor Agricultural University, Indonesia, Master degree (MSc) from the Department of Computer Science, University of Western Ontario, London, Canada in 1991 and Ph.D. from the University of New South Wales in 1998. Dr Almunawar has published more than 100 papers in refereed journals, books, book chapters, and international conference proceedings. He has more than 30 years of teaching experience in area information systems. His overall research interests include applications of IT in management, e-business/commerce, digital marketplace/platform, digital business ecosystem, health informatics, information security, and cloud computing. Currently, he focuses his research on digital platforms and digital business ecosystems.

Abduh was born in Jakarta, May 1981. He completed his Bachelor of Science (Statistics) from Bogor Agricultural University (IPB) in September 2004 and his first master degree, Magister Hukum Islam (Fiqh Al-Mu'amalat), from Ibn Khaldun University in September 2006. He completed his second master degree, Master of Economics from the International Islamic University Malaysia (IIUM) in June 2009. Under the supervision of Prof. Dato' Dr. Mohd Azmi Omar, former IRTI-IDB Director, Abduh completed his PhD in Business Administration with specialization in Islamic Banking and Finance in December 2011. Abduh has written more than 60 journal articles, book chapters and text-books in the area of Islamic finance. Currently, Abduh is a Senior Assistant Professor and Programme Leader for Accounting and Finance at UBD School of Business and Economics (UBD-SBE).

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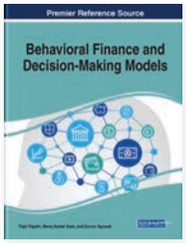

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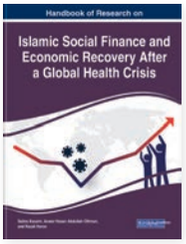

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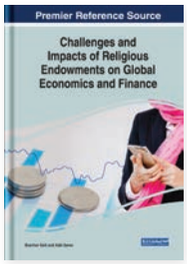

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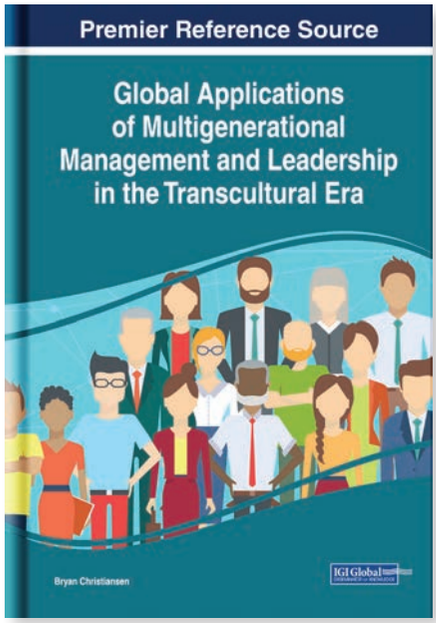

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跨文化时代多代管理与领导的全球应用

Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Bryan Christiansen (Global Research Society, LLC, USA)

Description:

While much thought has been given to how business leaders and managers can obtain the most productivity from Millennials (Generation Y) and subsequent groups such as Generation Z, the true challenge is far more complex. The workforce of the near future will be a multigenerational one, featuring members from between four and six generations in one organizational setting. This situation is made even more complex and challenging with the effect of today's globalization, which has created worldwide hypercompetition in organizations that often involves members from multiple cultures who speak different languages. How to effectively handle such a diverse population is increasingly a key concern for organizations of all types and sizes.

Global Applications of Multigenerational Management and Leadership in the Transcultural Era is a pivotal reference source that provides vital research on the application of applying numerous leadership styles to effectively navigate generational compromise. While highlighting topics such as consumer behavior, leadership management, and workforce diversity, this publication is ideally designed for business scholars, managers, executives, human resources professionals, recruitment agencies, students, business professionals, and international business leaders seeking current research on communication strategies and the most effective ways to handle a diverse workforce.

Topics Covered:

- Ageism
- Aging Workforce
- Consumer Behavior
- Digital Media
- Diverse Workforce
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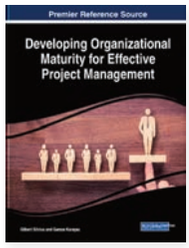

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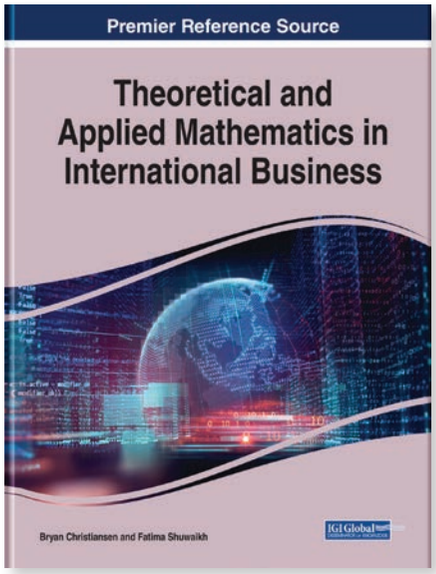

Description:

In the past, practical applications motivated the development of mathematical theories, which then became the subject of study in pure mathematics where abstract concepts are studied for their own sake. The activity of applied mathematics is thus intimately connected with research in pure mathematics, which is also referred to as theoretical mathematics.

Theoretical and Applied Mathematics in International Business is an essential research publication that explores the importance and implications of applied and theoretical mathematics within international business, including areas such as finance, general management, sales and marketing, and supply chain management. Highlighting topics such as data mining, global economics, and general management, this publication is ideal for scholars, specialists, managers, corporate professionals, researchers, and academicians.

Topics Covered:

- Applied Mathematics
- Data Mining
- General Management
- Global Economics
- Hybrid Systems
- Matrices
- Multivariate Calculus
- Network Theory
- Random Matrix Theory
- Six Sigma

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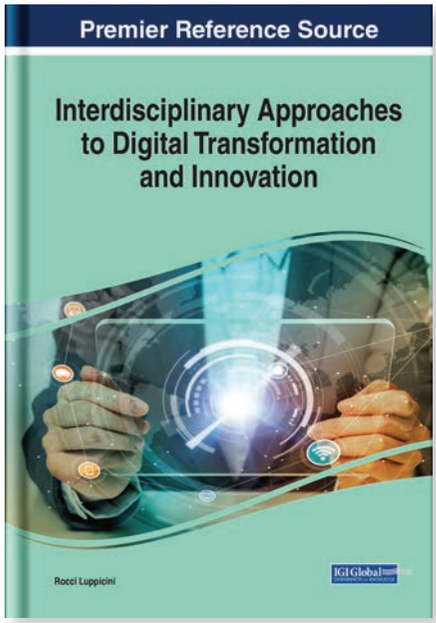

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Part of the Advances in E-Business Research Book Series

Prof. Rocci Luppicini (University of Ottawa, Canada)

Description:

Business approaches in today's society have become technologically-driven and highly-applicable within various professional fields. These business practices have transcended traditional boundaries with the implementation of internet technology, making it challenging for professionals outside of the business world to understand these advancements. Interdisciplinary research on business technology is required to better comprehend its innovations.

Interdisciplinary Approaches to Digital Transformation and Innovation provides emerging research exploring the complex interconnections of technological business practices within society. This book will explore the practical and theoretical aspects of e-business technology within the fields of engineering, health, and social sciences. Featuring coverage on a broad range of topics such as data monetization, mobile commerce, and digital marketing, this book is ideally designed for researchers, managers, students, engineers, computer scientists, economists, technology designers, information specialists, and administrators seeking current research on the application of e-business technologies within multiple fields.

Topics Covered:

- Artificial Intelligence
- Big Data Analysis
- Blockchain Technology
- Cryptocurrency
- Data Monetization
- Digital Business Models
- Digital Marketing
- Ethical Dilemmas
- Internet Payment Systems
- Mobile Commerce
- Technological Entrepreneurship

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Key Challenges and Opportunities in Web Entrepreneurship
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Profs. Buerhan Saiti (Istanbul Sabahattin Zaim University, Turkey) and Adel Sarea (Ahlia University, Bahrain)

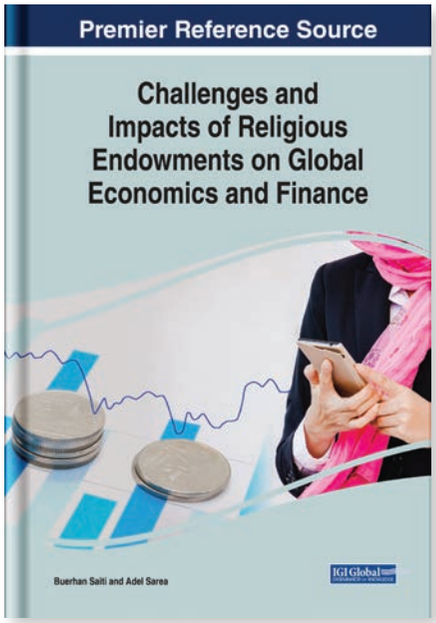
Description:

Poverty is one of the top problems the Muslim community faces today. A scholastic approach towards a solution based on the values and cultural contexts of the Muslim community holds great importance and significance to the Islamic civilizations and modern economic and cultural applications in the world.

Challenges and Impacts of Religious Endowments on Global Economics and Finance is a pivotal reference source that examines the role of waqf and similar endowments in Islamic financial systems and how these religious endowments impact global economics and finance. While highlighting topics such as Islamic finance, risk management, and economic development, this publication explores adopting Islamic approaches to contemporary socio-economic issues and the methods of content analysis and meta-analysis methods. This book is ideally designed for professionals, economist regulators, financial analysts, academics, researchers, and postgraduate students seeking current research on modernized Islamic economic models in order to tackle the problem of fiscal deficiency.

Topics Covered:

- Business Education
- Corporate Governance
- Economic Development
- Economic Theory
- Islamic Finance
- Poverty Alleviation
- Risk Management
- Sustainable Development
- Waqf
- Wealth Management



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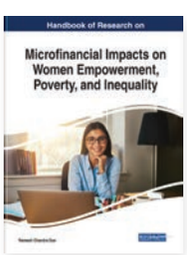

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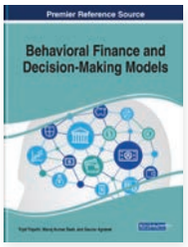

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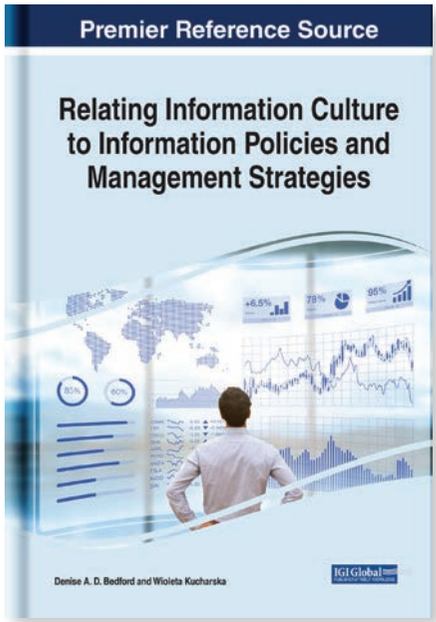

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Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Denise A.D. Bedford (Georgetown University, USA) and Wioleta Kucharska (Gdańsk University of Technology, Poland)

Description:

Business and information managers have struggled to meet several challenges in aligning information strategies and business cultures. The consequences of a misalignment or misfit of strategy and culture are well known in business literature, and better guidance on how to better align strategy and culture is needed. This means expanding the puzzle to align business and information cultures, align business and information strategies, and ensuring that there is a good ongoing fit between information cultures and business strategies. It also means that awareness of the information capabilities of an organization needs to be raised along with the different levels and types of information cultures.

Relating Information Culture to Information Policies and Management Strategies is a critical scholarly publication that provides a holistic picture of information cultures in order to help business managers understand those cultures and to provide a foundation upon which to ground and grow future information culture research. Highlighting a wide range of topics such as information culture, business strategies, and risk assessment, this book is essential for business managers, organizational executives, information managers, cultural experts, practitioners, academicians, managers, researchers, and students.

Topics Covered:

- Business Culture
- Business Strategies
- Cultural Analysis
- Cultural Capacity
- Cultural Impact
- Cultural Performance
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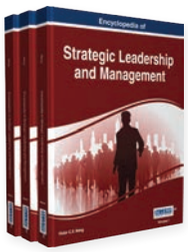

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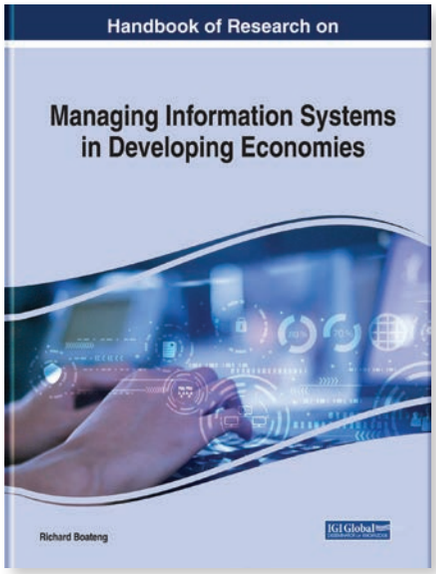

Description:

Technology provides accessibility otherwise unavailable to the people who can benefit from it the most. As new digital tools become less expensive and more widely available, research and real-world cases that examine the union between emergent countries and information systems are essential in determining the next steps for these nations.

The **Handbook of Research on Managing Information Systems in Developing Economies** is a pivotal reference source that explores the effects of technological data handling within developing economies. Covering a broad range of topics such as emerging digital technologies, socio-economic development, and technology startups, this book is ideally designed for software programmers, policymakers, practitioners, educators, academicians, students, and researchers.

Topics Covered:

- Artificial Intelligence
- Big Data
- Data Innovations
- Developing Economies
- Emerging Digital Technologies
- Information Systems
- Reform Management
- Socio-Economic Development
- Sustainable Development
- Technology Startups

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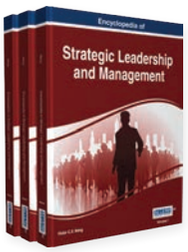

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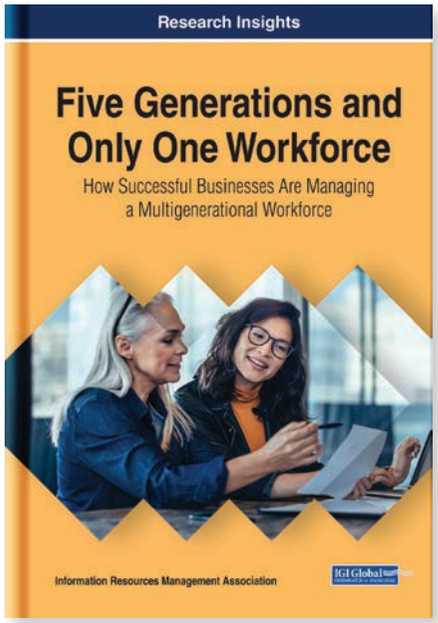

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五代人的唯一劳动力：成功的企业如何管理多代劳动力

Mehdi Khosrow-Pour, D.B.A.

Description:

Due to more individuals retiring at a later age, today's workforce consists of five generations of workers with various educational backgrounds, ages, experience levels, and skills. Managers and business owners are now faced with the challenge of providing a work space that encourages the new ideals of millennials while also balancing the needs and desires of older employees. As such, new methods and strategies of working and managing efficiency in the workplace need to be explored.

Five Generations and Only One Workforce: How Successful Businesses Are Managing a Multigenerational Workforce examines pivotal issues surrounding generational differences and management in the workplace including challenges in employee engagement, project management, and training. Highlighting a range of topics such as generation gap, workforce diversity, and senior workers, this publication is an ideal reference source for business practitioners, managers, executives, professionals, human resources managers, and researchers who are seeking more information on managing a multigenerational workforce.

Topics Covered:

- Aging Workforce
- Career Development
- Company Culture
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- Millennial Workers
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- Work-Life Balance
- Workforce Diversity

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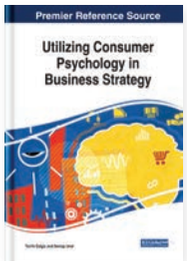

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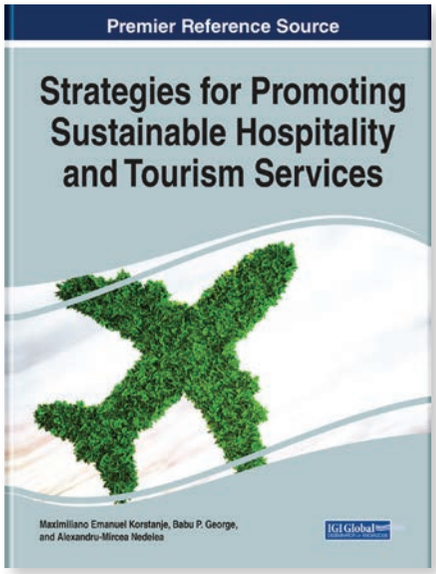

Description:

Tourism marketing is a vital tool in promoting the overall health of the global economy. This brings necessary revenue to particular regions of the world that have limited revenue producing resources and provides an opportunity for tourists to explore another culture, therefore building tolerance and overall exposure to different ways of life.

Strategies for Promoting Sustainable Hospitality and Tourism Services is a crucial scholarly source that discusses interdisciplinary perspectives in the areas of global tourism and highlights cultural boundaries of strategic knowledge management through case studies. Featuring research on topics such as consumer behavior, cultural appreciation, and global economics, this book is ideally designed for academicians, research scholars, marketing professionals, graduate-level students, and industry professionals.

Topics Covered:

- Business Success
- Consumer Behavior
- Cultural Appreciation
- Cultural Policies
- Global Business
- Global Economics
- Peripheral Tourism
- Revenue Management
- Sustainable Development
- Tourism Management

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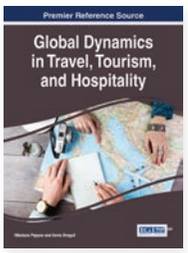

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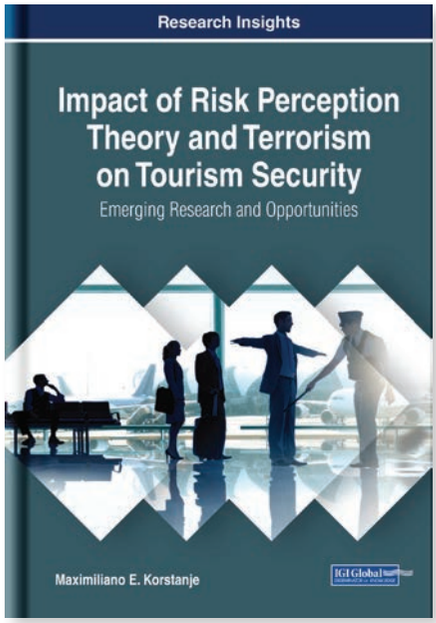

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Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Prof. Maximiliano E. Korstanje (University of Palermo, Argentina)

Description:

Over recent years, unforeseen global risks have placed the future of a growing tourism industry in jeopardy. From lethal virus outbreaks to multiple accounts of international violence, policymakers and specialists have acknowledged the importance of working on an agenda that balances the stability of international tourist destinations.

Impact of Risk Perception Theory and Terrorism on Tourism Security: Emerging Research and Opportunities is a collection of innovative research on the methods and applications of tourism crisis management that takes an anthropological approach to tourism safety and security. While highlighting topics including disaster potential, political instability, and virtual terrorism, this book is ideally designed for policymakers, law enforcement, tour developers, hotel managers, event planners, event coordinators, travel agencies, government officials, researchers, and professionals in the hospitality and tourism industry.

Topics Covered:

- Airport Security
- Crisis Management
- Disaster Potential
- Global Threats
- Local Government
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- Risk Management
- Trauma
- Travel Policy
- Virtual Terrorism

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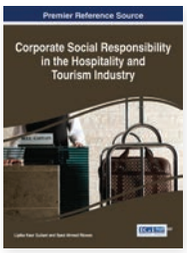

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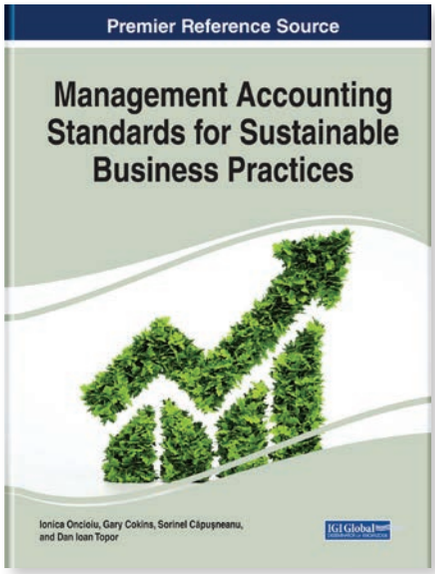

Description:

Modern companies are under increasing pressure to conduct their business in an environmentally responsible manner due to social and environmental problems. They must find the means to deploy their businesses in a socially- and environmentally-sustainable way without sacrificing their economic performance (e.g., profits to shareholders and owners) and wellbeing. By integrating multiple processes and methods, management accounting plays a key role in achieving a company's sustainability, notably by providing reliable, relevant, accurate, and timely information to managers.

Management Accounting Standards for Sustainable Business Practices is a pivotal reference source that explores how management accounting plays a key role in establishing future business strategies and adapting to business, corporate image, and reputation, and identifies responses to the requirements of the business environment and all stakeholders in developing multilateral communication and interactive relationships. It contrasts external financial accounting for government regulators and the investment community with internal management accounting for managers to leverage for decision making. Featuring research on topics such as ethical practices, creative accounting, and strategic planning, this book is ideally designed for CFOs, financial controllers, business analysts, FP&A analysts, managers, leaders, researchers, and students.

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- Circular Economy
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- Creative Accounting
- Ethical Practices
- Financial Audit
- Global Ecology
- International Business
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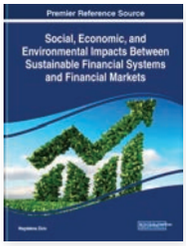

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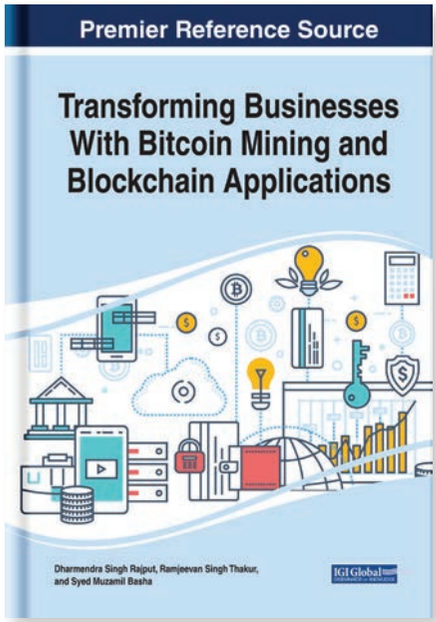

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Description:

The success of many companies through the assistance of bitcoin proves that technology continually dominates and transforms how economics operate. However, a deeper, more conceptual understanding of how these technologies work to identify innovation opportunities and how to successfully thrive in an increasingly competitive environment is needed for the entrepreneurs of tomorrow.

Transforming Businesses With Bitcoin Mining and Blockchain Applications provides innovative insights into IT infrastructure and emerging trends in the realm of digital business technologies. This publication analyzes and extracts information from Bitcoin networks and provides the necessary steps to designing open blockchain. Highlighting topics that include financial markets, risk management, and smart technologies, the research contained within the title is ideal for entrepreneurs, business professionals, managers, executives, academicians, researchers, and business students.

Topics Covered:

- Cryptocurrency
- Cyber Security
- Data Analysis
- Data Mining
- Data Privacy
- Digital Economy
- Financial Market
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Digital Currency: Breakthroughs in Research and Practice
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解读宗教与企业家精神的关系

Part of the Advances in Religious and Cultural Studies Book Series

Profs. Khaled Tamzini (IHEC of Sousse, Tunisia) and Anis Ben Salem (ISG of Sousse, Tunisia)

Description:

In recent years, a number of scholars trained in the area of economics have begun to pay attention to a fascinating and increasingly important question: Does the interrelationship between religion and enterprise shape entrepreneurial decision making? Though religious groups can provide additional means for the generation of social capital, especially where ethnicity is strongly associated with specific religious adherence, it has been largely absent in economic discussions.

Understanding the Relationship Between Religion and Entrepreneurship is a collection of innovative research on the methods and applications of religious theology on entrepreneurial decision making. While highlighting topics including women in business, religious marketing, and consumer behavior, this book is ideally designed for entrepreneurs, theologists, business managers, policymakers, researchers, industry professionals, academician, and students seeking current research on the economic impacts of religious beliefs and practices.

Topics Covered:

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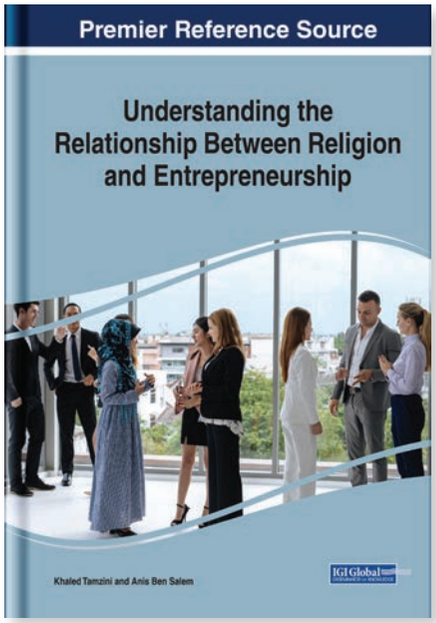
- Consumer Behavior
- Customer Analytics
- Economic Development
- Global Business
- Leadership Training
- Modern Economics
- Religious Marketing
- Spirituality
- Women in Business



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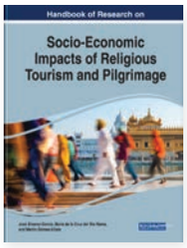

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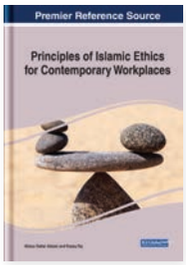

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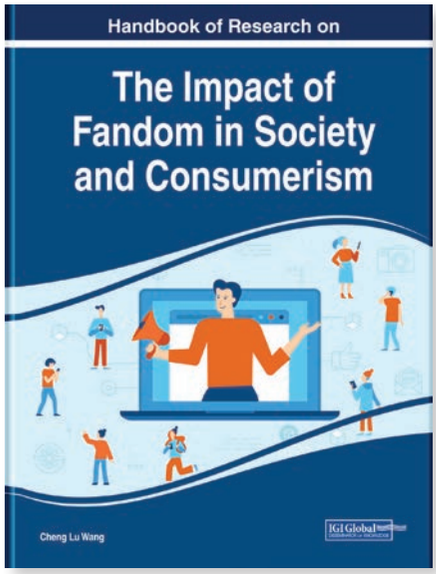

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粉丝在社会与消费主义中的影响研究手册

Part of the Advances in Marketing, Customer Relationship Management, and E-Services Book Series

Prof. Cheng Lu Wang (University of New Haven, USA)

Description:

Fans of specific sports teams, television series, and video games, to name a few, often create subcultures in which to discuss and celebrate their loyalty and enthusiasm for a particular object or person. Due to their strong emotional attachments, members of these fandoms are often quick to voluntarily invest their time, money, and energy into a related product or brand, thereby creating a group of faithful and passionate consumers that play a significant role in multiple domains of contemporary culture.

The **Handbook of Research on the Impact of Fandom in Society and Consumerism** is an essential reference source that examines the cultural and economic effects of the fandom phenomenon through a multidisciplinary lens and shapes an understanding of the impact of fandom on brand building. Featuring coverage on a wide range of topics such as religiosity, cosplay, and event marketing, this publication is ideally designed for marketers, managers, advertisers, brand managers, consumer behavior analysts, product developers, psychologists, entertainment managers, event coordinators, political scientists, anthropologists, academicians, researchers, and students seeking current studies on the global impact of this particularly devoted community.

Topics Covered:

- Brand Building
- Cosplay
- Economic Values
- Event Marketing
- Political Campaigns
- Pop Culture
- Psychological Phenomena
- Religiosity
- Social Media
- Sports Management

关于本书编辑:

Cheng Lu Wang is Professor and Chair in the Department of Marketing and Quantitative Analysis, College of Business, University of New Haven, USA. His research interests include consumer behavior and marketing in China. Dr. Wang is the editor of Handbook of Contemporary of Marketing in China: Theories and Practices and editor-in-chief of International Journal of Consumer Research. His publications have appeared in numerous marketing journals, including Journal of Business Research, Journal of Consumer Psychology, Psychology & Marketing, Industrial Marketing Management, International Business Review, International Marketing Review, and European Journal of Marketing, among others.

*"This book is to provide **a valuable and insightful reference resource** for academic researchers, business managers, educators and students from all disciplines who are interested in understanding the characteristics fandom and the impact of fandom on human activities, particularly in consumer life and brand building. Social media marketers and consumer brand managers may also find particularly useful in developing competitive business models in the new information age."*
- Prof. Cheng Lu Wang (University of New Haven, USA)

本书章节示例:	
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Chapter 16: The Futurians, Gamergate, and Fandom: The Construction of Social Identities Through Competition and Technology Prof. Julia Crouse Waddell, West Chester University, USA	**Chapter 19: Brand Fandom Insights: Marketing Themes and Trends From Practitioners** Prof. Melanie B. Richards, East Tennessee State University, USA Prof. Stephen W. Marshall, East Tennessee State University, USA

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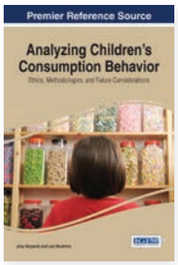

Analyzing Children's Consumption Behavior: Ethics, Methodologies, and Future Considerations
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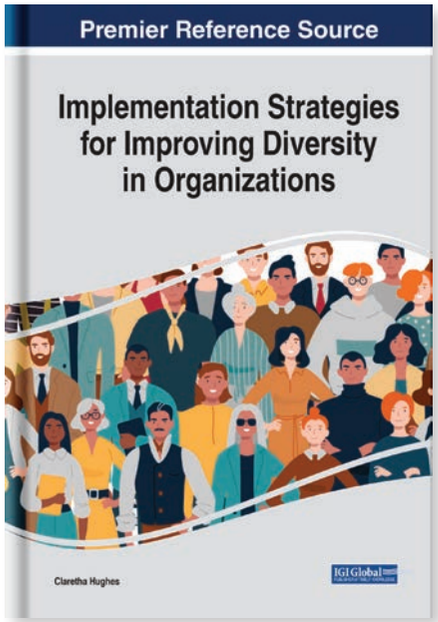

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提高组织多样性的实施策略

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Claretha Hughes (University of Arkansas, USA)

Description:

Awareness and inclusion are not enough to create effective change in organizations and society. Instead, organizations must implement strategies to ensure that they not only improve diversity, but also place their employees on career development plans that provide the best fit between individual and organizational needs as well as personal characteristics and career roles.

Implementation Strategies for Improving Diversity in Organizations is a pivotal reference source that provides crucial research on the application of stratagems designed to increase organizational change, chiefly to integrate diverse individuals, including physically disabled individuals, women, and people of color, into the workforce. The book also looks at discriminatory practices involving the physical appearance of workers. While highlighting topics such as career development, lookism, and ethnic discrimination, this publication explores new, innovative ideas influencing the paradigm shift for the modern workforce as well as the methods of career development. This book is ideally designed for managers, executives, human resources professionals, researchers, business practitioners, academicians, and students.

Topics Covered:

- African American Women
- Career Development
- Disabilities
- Discrimination
- Diversity Management
- Gender Diversity
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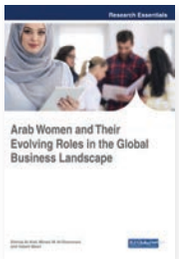

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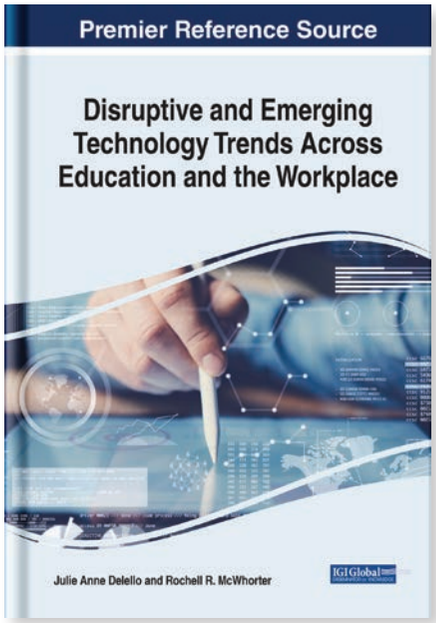

Description:

Advancing technologies are rapidly modifying the current state of business and society causing an expansion of possible career opportunities. In order to stay competitive, institutions of education must provide an emphasis on the wide-range of skills and experiences needed to contribute to a 21st century workforce. As new technologies emerge and even disrupt, there will be a demand for new forms of education and deeper learning.

Disruptive and Emerging Technology Trends Across Education and the Workplace is a collection of innovative research on the latest instructive methods being utilized in classrooms and organizations as well as the benefits and challenges of adopting these technologies. While highlighting topics including mobile learning, augmented reality, and cryptocurrencies, this book is ideally designed for developers, professionals, educators, managers, researchers, scientists, stakeholders, strategists, practitioners, and students seeking current research on new forms of educational techniques in relation to the continued application of new technologies in the workplace.

Topics Covered:

- Artificial Intelligence
- Augmented Reality
- Big Data Analytics
- Cloud Technologies
- Cryptocurrencies
- Cybersecurity
- Intelligent Tutoring
- Mobile Learning
- Robotics
- Social Media

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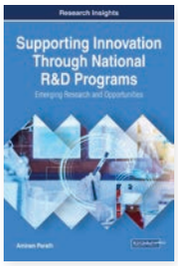

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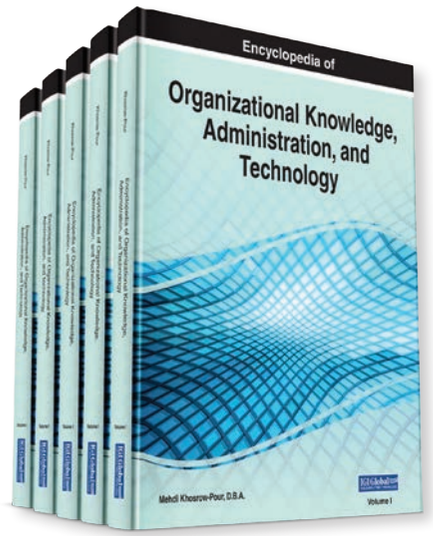

组织知识、管理和技术百科全书

Part of the Advances in Logistics, Operations, and Management Science Book Series

Mehdi Khosrow-Pour, D.B.A.)

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Description:

The **Encyclopedia of Organizational Knowledge, Administration, and Technology (5 Vols.)** is an inaugural five-volume publication that offers 193 completely new and previously unpublished articles authored by leading experts on the latest concepts, issues, challenges, innovations, and opportunities covering all aspects of modern organizations. Moreover, it is comprised of content that highlights major breakthroughs, discoveries, and authoritative research results as they pertain to all aspects of organizational growth and development including methodologies that can help companies thrive and analytical tools that assess an organization's internal health and performance. Insights are offered in key topics such as organizational structure, strategic leadership, information technology management, and business analytics, among others. The knowledge compiled in this publication is designed for entrepreneurs, managers, executives, investors, economic analysts, computer engineers, software programmers, human resource departments, and other industry professionals seeking to understand the latest tools to emerge from this field and who are looking to incorporate them in their practice. Additionally, academicians, researchers, and students in fields that include but are not limited to business, management science, organizational development, entrepreneurship, sociology, corporate psychology, computer science, and information technology will benefit from the research compiled within this publication.

Topics Covered:

- Algorithms
- Artificial Intelligence
- Big Data
- Cloud Computing
- Corporate Social Responsibility
- Cyber Crime
- Cybersecurity
- Data Journalism
- Datamining
- Digital Marketing
- Fraud Detection
- Fuzzy Conditions
- Health Systems
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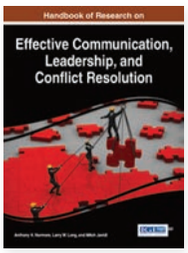

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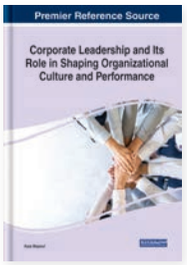

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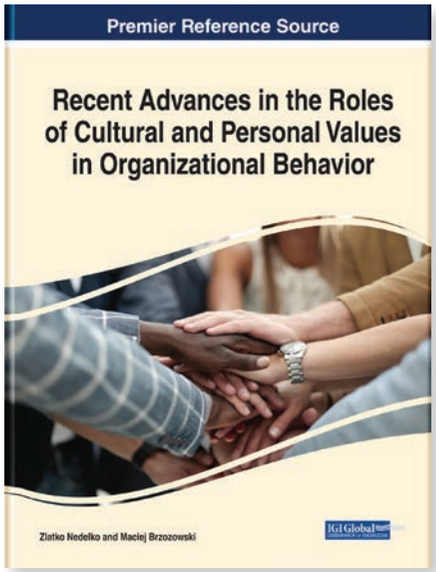

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The complete understanding of organizational culture and personal values is fundamental for running and improving modern organizations. By identifying the underlying building blocks for behavior, strategy, and actions of organizations and their members, companies and researchers may discover innovative techniques to encourage productive and satisfying working environments.

Recent Advances in the Roles of Cultural and Personal Values in Organizational Behavior is a collection of innovative research on how culture and personal values shape and influence leadership styles, decision-making processes, innovativeness, and other management practices. While highlighting topics including employee motivation, leadership style, and organizational culture, this book is ideally designed for managers, executives, human resources professionals, recruiters, researchers, academics, educators, and students seeking current research on cultural backgrounds and personal values for organizations.

Topics Covered:

- Business Ethics
- Corporate Responsibility
- Employee Motivation
- Generational Workforce
- Job Satisfaction
- Knowledge Sharing
- Leadership Style
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- Social Responsibility

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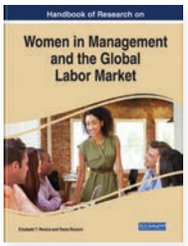

Handbook of Research on Women in Management and the Global Labor Market
© 2019; 423 pp.

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亚洲管理实践与颠覆性创新研究手册

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Profs. Patricia Ordoñez de Pablos (University of Oviedo, Spain), Xi Zhang (Tianjin University, China), and Kwok Tai Chui (The Open University of Hong Kong, Hong Kong)

Description:

Collaboration in business allows for equitable opportunities and inclusive growth as the economy rises while also permitting partnering organizations to adopt and utilize the latest successful practices and management. However, a market in stasis may require a displacement in order to allow businesses to grow and create new alliances and partnerships toward a shared economy. There is a need for studies that seek to understand the necessity of market disruption and the best supervisory methods for remaining relevant and profitable in a time of change.

The **Handbook of Research on Managerial Practices and Disruptive Innovation in Asia** is an essential reference source that explores successful executive behavior and business operations striving toward a more inclusive economy. Featuring research on topics such as employee welfare, brand orientation, and entrepreneurship, this publication is ideally designed for human resources developers, policymakers, IT specialists, economists, executives, managers, corporate directors, information technologists, and academicians seeking current research focusing on innovative business factors and sustainable economies in Asia.

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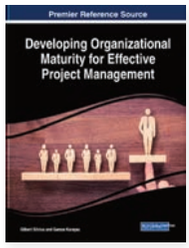

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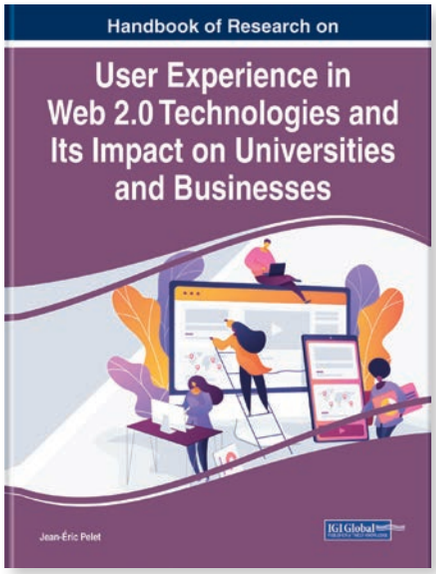

Description:

As various areas of discipline continue to progress into the digital age, diverse modes of technology are being experimented with and ultimately implemented into common practices. Mobile products and interactive devices, specifically, are being tested within educational environments as well as corporate business in support of online learning and e-commerce initiatives. There is a boundless stock of factors that play a role in successfully implementing web technologies and user-driven learning strategies, which require substantial research for executives and administrators in these fields.

The **Handbook of Research on User Experience in Web 2.0 Technologies and Its Impact on Universities and Businesses** is an essential reference source that presents research on the strategic role of user experience in e-learning and e-commerce at the level of the global economy, networks and organizations, teams and work groups, and information systems. The book assesses the impact of e-learning and e-commerce technologies on different organizations, including higher education institutions, multinational corporations, health providers, and business companies. Featuring research on topics such as ubiquitous interfaces, computer graphics, and image processing, this book is ideally designed for program developers and designers, researchers, practitioners, IT professionals, executives, academicians, and students.

Topics Covered:

- Computer Graphics
- Computer Vision
- E-Learning
- Electronic Devices
- Human-Computer Interaction
- Image Processing
- Serious Gaming
- Social Media
- Ubiquitous Interfaces
- Visualization

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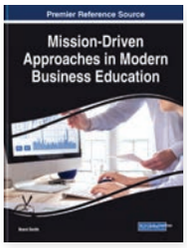

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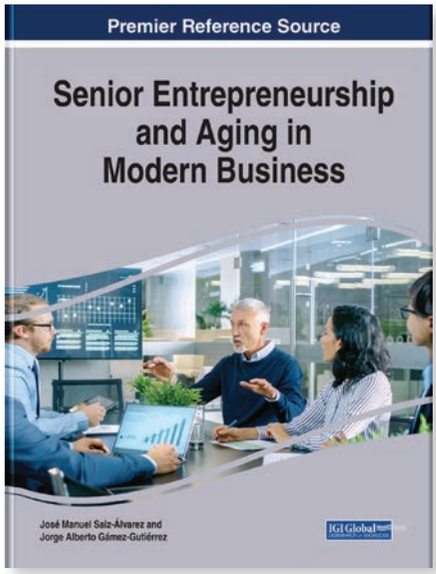

现代企业中的老年创业与老龄化

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Profs. José Manuel Saiz-Álvarez (EGADE Business School, Tecnologico de Monterrey, Mexico & Mexican Academy of Sciences, Mexico) and Jorge Alberto Gámez-Gutiérrez (Uniagustiniana, Colombia)

Description:

With the current upsurge of Industry 4.0, the way manufacturers assemble their products to sell in a competitive market has changed, guided by the SMART strategy. Only the most adaptable and suitable firms will be able to survive in this new business and economic world, and in this sense, the combination of (formal and informal) formation and working experience exerted by senior entrepreneurs will generate competitive advantages in the firms they work.

Senior Entrepreneurship and Aging in Modern Business is an essential reference source that discusses senior entrepreneurship, its benefits to companies due to its combination of practical experience and training, and the impact technology has on it. Featuring research on topics such as human capital, value creation, and organizational success, this book is ideally designed for entrepreneurs, executives, managers, policymakers, professionals, researchers, business administrators, academicians, and students.

ISBN: 9781799820192
Release Date: December, 2019
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Pages: 372

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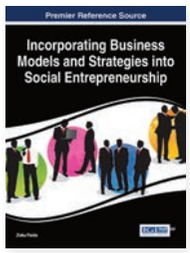

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Entrepreneurship: Concepts, Methodologies, Tools, and Applications (4 Vols.)
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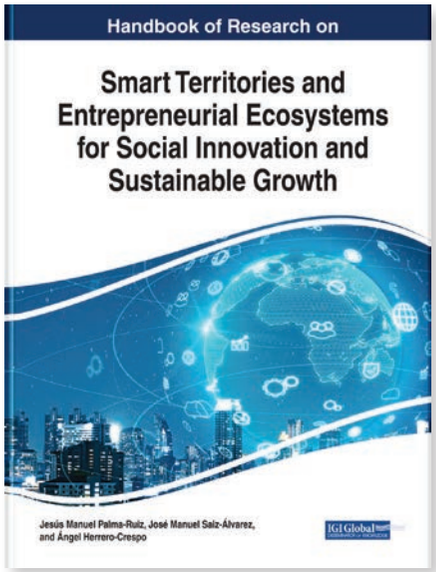
Prof. Jesús Manuel Palma-Ruiz (Universidad Autónoma de Chihuahua, Mexico), et al.



Description:

With the rise of information and communication technologies in today's world, many regions have begun to adapt into more resource-efficient communities. Integrating technology into a region's use of resources, also known as smart territories, is becoming a trending topic of research. Understanding the relationship between these innovative techniques and how they impact social innovation is vital when analyzing the sustainable growth of highly populated regions.

The **Handbook of Research on Smart Territories and Entrepreneurial Ecosystems for Social Innovation and Sustainable Growth** is a pivotal reference source that provides vital research on the global practices and initiatives of smart territories as well as their impact on sustainable development in different communities. While highlighting topics such as waste management, social innovation, and digital optimization, this publication is ideally designed for civil engineers, urban planners, policymakers, economists, administrators, social scientists, business executives, researchers, educators, and students seeking current research on the development of smart territories and entrepreneurship in various environments.

ISBN: 9781799820970
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Topics Covered:

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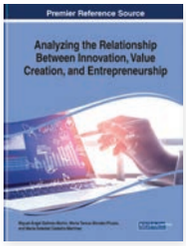

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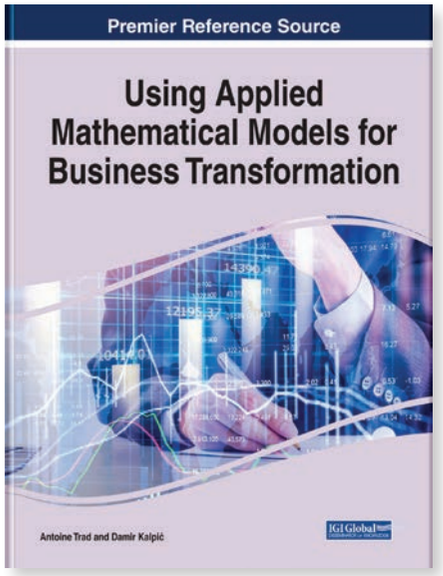

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Prof. Antoine Trad (IBISTM, France) and Damir Kalpić (University of Zagreb, Croatia)

Description:

Traditional business practices have been left behind due to the increased use of data analytics and information technology in companies worldwide. This development has led to businesses implementing transformative projects that use these new technologies in their decision-making systems. Altering the entire architecture of a company is a daunting task; however, researchers are finding methods through applied mathematics that can make it easier on companies. Implementing analytical models into current business processes is vital for professionals across the globe.

Using Applied Mathematical Models for Business Transformation is an essential reference source that discusses the advancement of decision-making systems in business environments with the use of applied mathematics, algorithms, and information technology. Featuring research on topics such as decision-making systems, critical success factors, and global enterprise architecture, this book is ideally designed for project managers, financial analysts, business strategists, software engineers, technical architects, students, researchers, and educators seeking coverage on the transformation of business practices using applied mathematics and information technology.

Topics Covered:

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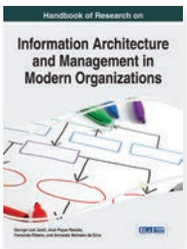

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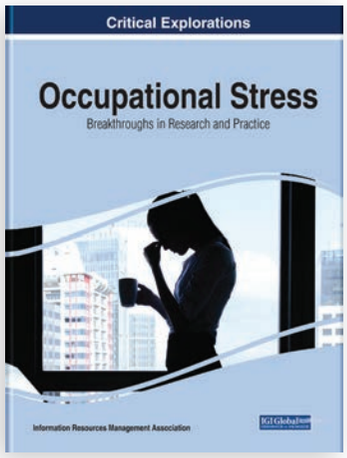
Modern society places a great deal of importance on work and work dedication. Current occupational culture incentivizes an employee's willingness to work longer hours and the inclination to take on more responsibilities. However, overextension at work can have profound negative impacts on the physical health and mental health of employees. Long hours, heavy workloads, and tight deadlines can lead to a significant increase in the amount of stress that an employee feels in the workplace. These factors can lead to higher turnover and absenteeism among an otherwise enviable group of employees. More serious stressors, such as a toxic work environment or workplace bullying, can exacerbate these problems.

Research Anthology on Occupational Stress: Breakthroughs in Research and Practice examines the psychological, physical, and physiological effects of a negative work environment. It also explores how to cope with work-related stress. Highlighting a range of topics such as job satisfaction, work overload, and work-life balance, this publication is an ideal reference source for managers, professionals, researchers, academicians, and graduate-level students in a variety of fields.



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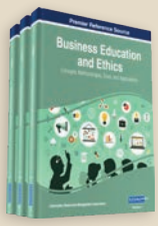

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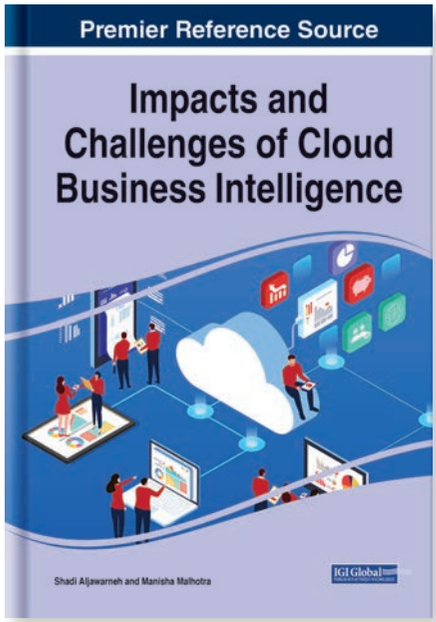

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Description:

Cloud computing provides an easier alternative for starting an IT-based business organization that requires much less of an initial investment. Cloud computing offers a significant edge of traditional computing with big data being continuously transferred to the cloud. For extraction of relevant data, cloud business intelligence must be utilized. Cloud-based tools, such as customer relationship management (CRM), Salesforce, and Dropbox are increasingly being integrated by enterprises looking to increase their agility and efficiency.

Impacts and Challenges of Cloud Business Intelligence is a cutting-edge scholarly resource that provides comprehensive research on business intelligence in cloud computing and explores its applications in conjunction with other tools. Highlighting a wide range of topics including swarm intelligence, algorithms, and cloud analytics, this book is essential for entrepreneurs, IT professionals, managers, business professionals, practitioners, researchers, academicians, and students.

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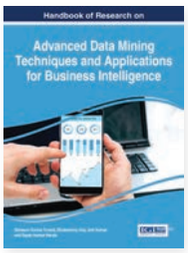

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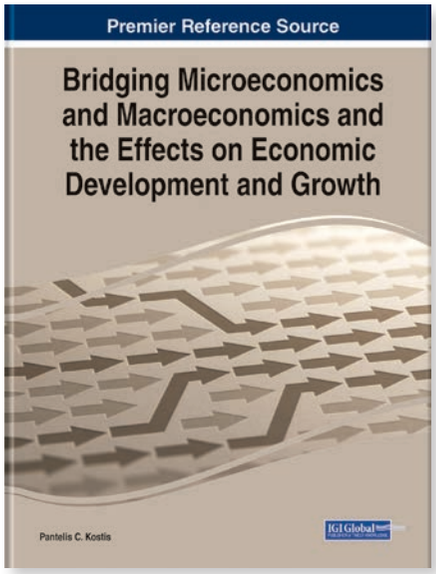

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In recent decades, the mainstream microeconomic and macroeconomic analysis was proven to be insufficient for exploring the dynamic and complex interactions among humans, institutions, and nature in our real economy. On the one side, microeconomics is filled with black-box models that fail to study the actual contractual relations between firms and markets, while on the other side macroeconomics were proven useless because they mistook the beauty of theoretical models for truth. Thus, questions have arisen about using new theoretical and empirical structures that would better describe our economic systems.

Bridging Microeconomics and Macroeconomics and the Effects on Economic Development and Growth is an essential reference source that analyzes the hypotheses that govern the relationships of aggregate structures (macroeconomic analysis) that may be compatible with the assumptions that govern the behavior of individuals, households, and firms (micro analysis), and vice versa, in trying to achieve sustainable economic development and growth. Moreover, modern evolutionary growth thinking is used in trying to bridge the inconsistencies between microeconomics and macroeconomics and confront their failures in order to better describe the economic reality. While highlighting a broad range of topics including globalization, economic systems, and the role of institutions, this book is aimed toward economic analysts, financial advisors, policymakers, researchers, academicians, and students.

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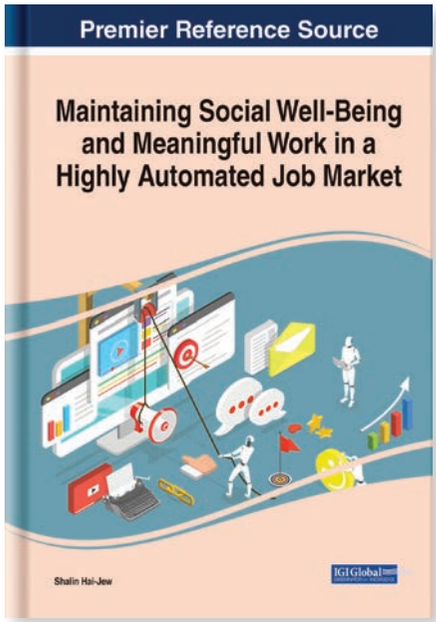

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Prof. Shalin Hai-Jew (Kansas State University, USA)

Description:

In mainstream media, there has been wide discussion on what the world will look like when the artificial intelligence (AI) and robotics incursions into traditional human work result in fewer jobs in manufacturing, service industries, and other domains. Turning to automation is a practical endeavor for corporations because of the efficiencies and increased performance it fosters, but these changes have a major impact on humanity. The resulting lack of work has been linked to social ills and human failure to thrive.

Maintaining Social Well-Being and Meaningful Work in a Highly Automated Job Market is a pivotal reference source that explores how the world will re-shape as one with less demand for human labor and how to potentially balance how people engage as part-workers and as consumers of others' creations. Additionally, the book looks at how people will co-create meaningful lives at micro, meso, and macro levels. While highlighting topics such as mobile technology, positive psychological capital, and human capital, this book is ideally designed for technologists, AI designers, robotics designers, policymakers, social engineers, CIOs, politicians, executives, economists, researchers, and students.

Topics Covered:

- Artificial Intelligence
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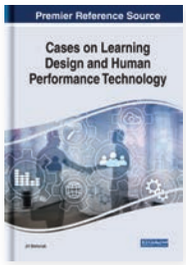

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Description:

The prosperity and stability of any economic structure is reliant upon a foundation of secure systems that regulate the movement of money across the globe. These structures have become an integral part of contemporary society by reducing monetary risk and increasing financial security.

Regaining Global Stability After the Financial Crisis is a critical scholarly publication that examines the after-effects of the economic slowdown and the steps that have been taken to overcome the consequences of the slowdown as well as strategies to reduce its impact on economies and societies. Highlighting a wide range of topics including economic convergence, risk management, and public policy for financial stability, this book is geared toward academicians, practitioners, students, managers, and professionals in the financial sector seeking current research on regaining a sense of safety and security after a time of economic crisis.

Topics Covered:

- Economic Convergence
- Financial Crisis Inquiry Commission
- Foreign Direct Investment
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- Portfolio Equity
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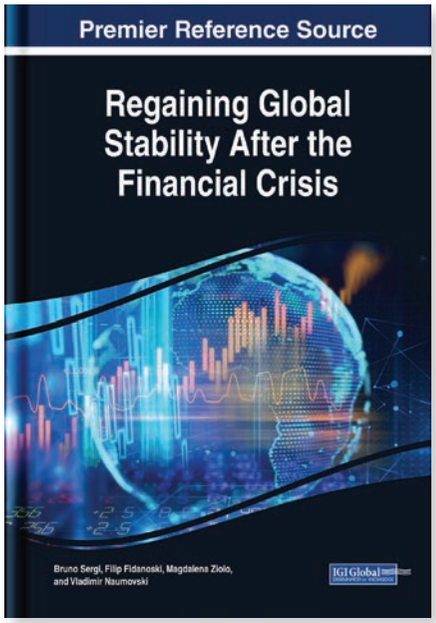

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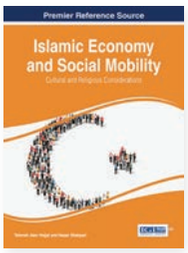

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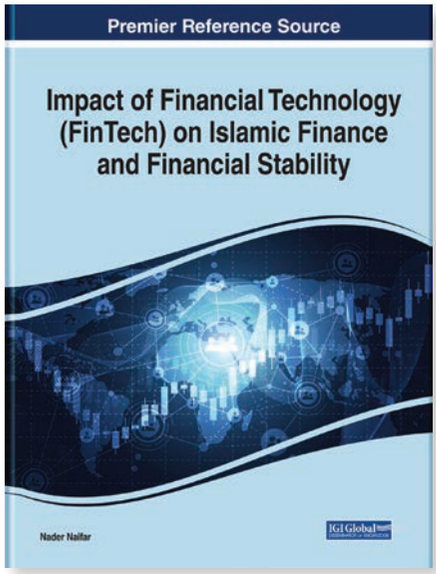

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Prof. Nader Naifar (Imam Mohammad Ibn Saud Islamic University, Saudi Arabia & University of Sfax, Tunisia)

Description:

With advancing technologies like distributed ledgers, smart contracts, and digital payment platforms, financial services must be innovative in order to remain relevant in the modern era. The adoption of financial technology affects the whole Islamic financial industry as well as the economic stability of a globalized world. There is a need for research that seeks to understand financial technology and the regulatory technology necessary to ensure financial security and stability.

Impact of Financial Technology (FinTech) on Islamic Finance and Financial Stability is an essential publication that examines both the theory and application of newly-available financial services and discusses the impact of FinTech on the Islamic financial service industry. Featuring research on topics such as cryptocurrency, peer-to-peer transferring, and digital wallets, this book is ideally designed for researchers, bank managers, economists, analysts, market professionals, managers, executives, computer scientists, business practitioners, academicians, and students seeking coverage on how the latest in artificial intelligence, machine learning, and blockchain technology will redesign Islamic finance.

Topics Covered:

- Biometrics
- Blockchain
- Crowdfunding
- Cryptocurrency
- Cyber Security
- Digital Transformation
- Digital Wallets
- Mobile Banking
- Peer-to-Peer Transferring
- Smart Contracts

关于本书编辑:

Nader Naifar is currently a professor of finance at Imam Mohammad Ibn Saud Islamic University in Riyadh, Saudi Arabia and the University of Sfax. In 2009, he received his Ph.D. in Finance from the University of Sfax, Tunisia. He has published a large number of papers on reputable journals indexed in Web of Science and Scopus databases. His main research fields are Islamic finance, credit derivatives, financial crisis, and energy markets. Currently, his research interests focus on Fintech, Blockchain, and Artificial Intelligence for business. In 2019 he received the "Oxford Fintech programme" certificate from Said Business School at Oxford University.

*"This book aims to offer **valuable insights** into the current state of Islamic finance and financial stability in the era of FinTech. It provides **relevant theoretical frameworks and the latest empirical research findings** in the area. The target audience of this book will be composed of professionals, researchers, investors, and regulators working in the field of Islamic finance and FinTech."*

- Prof. Nader Naifar (Imam Mohammad Ibn Saud Islamic University, Saudi Arabia & University of Sfax, Tunisia)

本书章节示例:	
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Chapter 9: Does Shariah Recognize Cryptocurrencies as Valid Currencies? Prof. Abdulazeem Abozaid, Qatar Foundation, Qatar	**Chapter 10: The Nexus Between FinTech Adoption and Financial Inclusion** Prof. Marouane Moufakkir, University Ibn Tofail, Kenitra, Morocco Prof. Qmichchou Mohammed, University Ibn Tofail, Kenitra, Morocco
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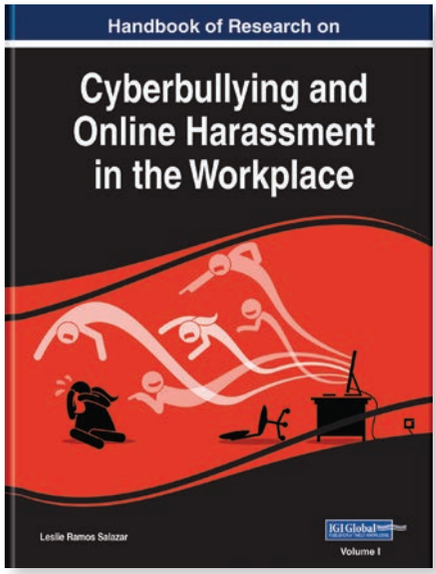

关于工作场所网络欺凌和网络骚扰的研究手册

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Leslie Ramos Salazar (West Texas A&M University, USA)

Description:

Given users' heavy reliance of modern communication technologies such as mobile and tablet devices, laptops, computers, and social media networks, workplace cyberbullying and online harassment have become escalating problems around the world. Organizations of all sizes and sectors (public and private) may encounter workplace cyberbullying within and outside the boundaries of physical offices. Workplace cyberbullying affects the entire company, as victims suffer from psychological trauma and mental health issues that can lead to anxiety and depression, which, in turn, can cause absenteeism, job turnover, and retaliation. Thus, businesses must develop effective strategies to prevent and resolve such issues from becoming too large to manage.

The **Handbook of Research on Cyberbullying and Online Harassment in the Workplace** provides in-depth research that explores the theoretical and practical measures of managing bullying behaviors within an organization as well as the intervention strategies that should be employed. The book takes a look at bullying behavior across a variety of industries, including government and educational institutions, and examines social and legislative issues, policies and legal cases, the impact of online harassment and disruption of business processes and organizational culture, and prevention techniques. Featuring coverage on a broad range of topics such as sexual abuse and trolling, this book is ideally designed for business managers and executives, human resource managers, practitioners, policymakers, academicians, researchers, and students.

ISBN: 9781799849124
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Pages: 400

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Topics Covered:

- Cyber Harassment
- Higher Education Institutions
- Mental Health
- Online Bullying
- Organizational Change
- Organizational Culture
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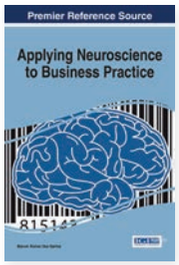

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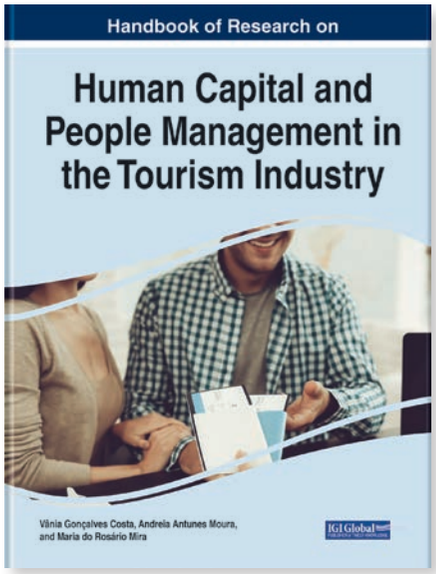
Profs. Vânia Gonçalves Costa (Polytechnic Institute of Cávado and Ave, Portugal), Andreia Antunes Moura (Coimbra Education School, Portugal), and Maria do Rosário Mira (Coimbra Education School, Portugal)



Description:

The tourism industry is an industry of people and is directly dependent on the performance of activities, skills, professionalism, quality, and competitiveness. Approaching the perspective of people management stresses the need to humanize companies, making empowerment and commitment easier. These are key to setting "talents" and, more importantly, to encouraging these individuals to put their creative capacities to the service of the companies for which they work. Only by being collaborative internally does business gain competitive capacity in the global marketplace. This aspect is crucial in tourism in the face of strong and growing competition in the sector.

The **Handbook of Research on Human Capital and People Management in the Tourism Industry** is a crucial reference source that reveals groundbreaking human resource policies for tourism destinations, revolutionary human capital managerial business approaches in tourism, innovative tourism training perspectives, and new tourism qualification prospects. Featuring research on topics such as intellectual capital, human resource management, and financial performance, this book is ideally designed for business managers, entrepreneurs, human resource officers, industry professionals, academicians, students, and researchers.

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Hardcover: US $285.00
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Topics Covered:

- Branding Management
- Educational Tourism
- Entrepreneurship
- Financial Performance
- Global Business
- Hospitality Management
- Human Resource Management
- Intellectual Capital
- Quality of Life
- Work-Family Conflict

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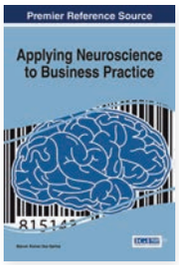

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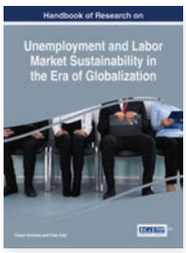

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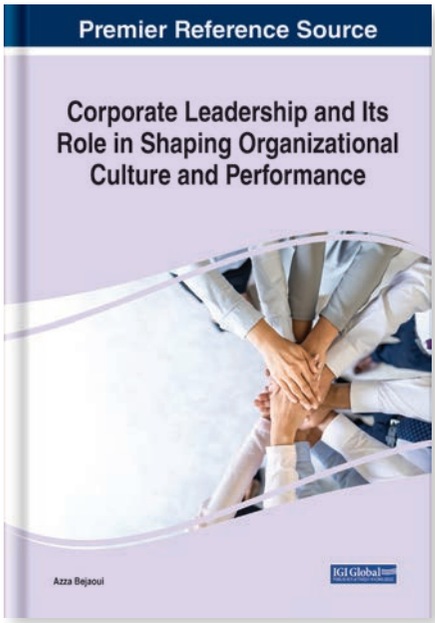

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Prof. Azza Bejaoui (High Institute of Management of Tunis, Tunisia)

Description:

Increasing globalization, cutthroat competition, recurrent financial crises, and new social media technology provide unimaginable strain on companies to rethink their human resources practices. Such ever-growing business environments particularly call upon companies to develop sustainable leadership practices and create a well-established organizational climate. By promoting an organizational value system, the leader can influence the work behavior and attitudes of the employees and results.

Corporate Leadership and Its Role in Shaping Organizational Culture and Performance is an essential reference source that investigates the influence of corporate leadership on the organizational culture and performance of a company and ways in which this understanding can improve firm effectiveness, nurture entrepreneurial behavior and practices, and establish innovative processes. Featuring research on topics such as intellectual capital, job satisfaction, and gender inequality, this book is ideally designed for managers, executives, business leaders, entrepreneurs, researchers, academicians, and students.

Topics Covered:

- Financial Management
- Gender Inequality
- Intellectual Capital
- Job Performance
- Job Satisfaction
- Leadership Management
- Mentorship in the Workplace
- Sustainability
- Women Entrepreneurship
- Work Engagement

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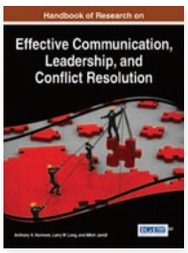

Handbook of Research on Effective Communication, Leadership, and Conflict Resolution
© 2016; 733 pp.

Encyclopedia of Organizational Knowledge, Administration, and Technology (5 Vols.)
© 2021; 4,000 pp.

促进可持续发展的人力资源管理实践

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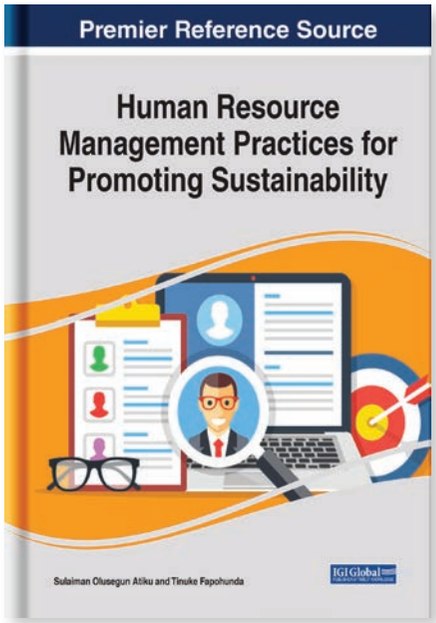

Description:

Human Resource Management Practices for Promoting Sustainability is a pivotal reference source that explores the incorporation of green initiatives into all aspects of human resource management practices in a variety of industries. The book delivers a discussion on green human capital, collective green intelligence, and competencies that are essential to cope with the challenges in Industry 4.0. It also provides a basis for green recruitment and selection processes as a way of promoting pro-environmental behavior in the labor markets. While highlighting a broad range of topics including employee relations, knowledge management, and recruitment, this book is ideally designed for executives, entrepreneurs, human resource managers, academicians, researchers, and students. The book is also suitable for conventional and corporate universities looking to meet sustainable development goals as well as policymakers as it provides a guideline in designing and implementing green creativity and eco-innovation based on a wide range of global issues confronting sustainability in the Fourth Industrial Revolution.

Topics Covered:

- Circular Economy
- Discipline Management
- Eco-Innovation
- Employee Relations
- Health and Safety
- Human Resource Planning
- Knowledge Management
- Organizational Culture
- Organizational Development
- Performance Evaluation
- Recruitment
- Training and Development
- Work-Life Balance

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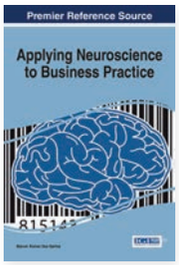

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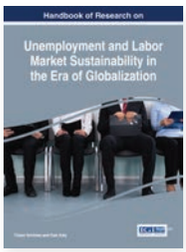

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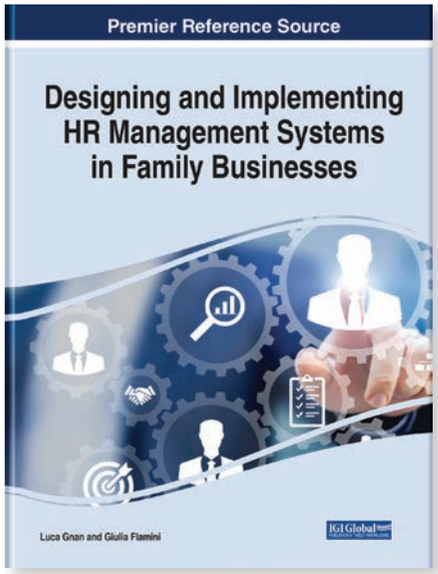

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家族企业人力资源管理系统的设计与实施

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Profs. Luca Gnan (Università degli Studi di Roma "Tor Vergata", Italy) and Giulia Flamini (Università degli Studi di Roma "Tor Vergata", Italy)

Description:

Human resource management (HRM) systems are an under-researched area in family business studies even though they arguably play an important role. To exploit their entrepreneurial orientation and achieve their goals, family firms must be willing to adopt a specific configuration of the organizational variables to succeed in the competitive environment of today.

Designing and Implementing HR Management Systems in Family Businesses is a pivotal reference source that focuses on HRM in family businesses aiming at clarifying what HRM topics are relevant in family firms given their distinctive features, what the role of HR choices in family firms is, and how they differ in these organizations. While highlighting topics such as quality of work, generational workforce, and leadership management, this publication explores the relationship between HRM systems and the organization as well as why certain theories would be more dominant for family firms. This book is ideally designed for family businesses, managers, executives, entrepreneurs, business professionals, academicians, students, and researchers.

Topics Covered:

- Corporate Social Responsibility
- Entrepreneurship
- Family Firms
- Generational Workforce
- Labor Market
- Leadership Management
- Nepotism
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- Partnerships
- Quality of Work
- Relationship Management
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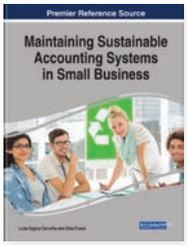

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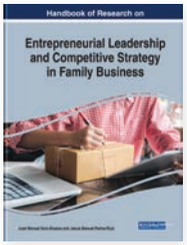

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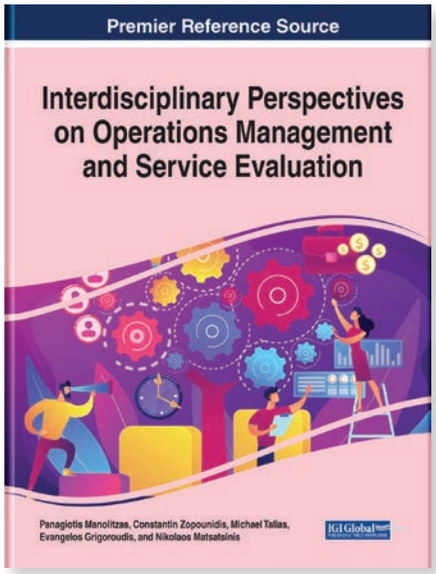

Description:

Optimization and evaluation are essential to the operations of several sectors such as the healthcare sector and the agriculture industry. Improvement of optimizations and evaluation are imperative for industry success and ensures that better services are provided to global consumers across sectors.

Interdisciplinary Perspectives on Operations Management and Service Evaluation is a critical scholarly publication that focuses on operations management across several sectors and assessment strategies for the improvement of these industries. Featuring a range of topics such as fuzzy logic, ecosystem services, and metaheuristics, this book is ideal for managers, service evaluators, marketers, academicians, business professionals, researchers, practitioners, and students.

Topics Covered:

- Agriculture
- Agrisector
- Cruise Industry
- Economics
- Ecosystem Services
- Evaluation
- Fuzzy Logic
- Mental Health
- Metaheuristics
- Service Quality

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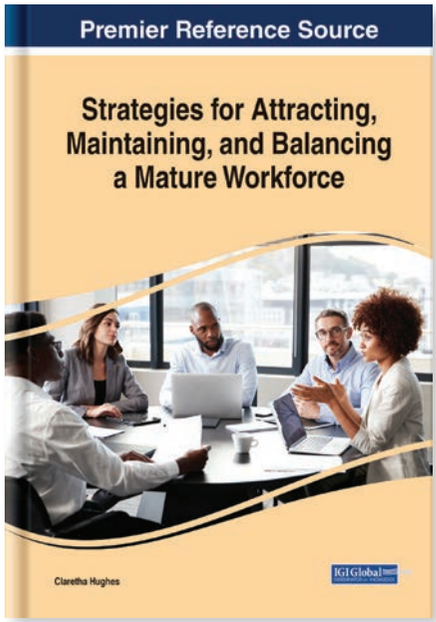

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吸引、留住和平衡成熟劳动力的战略与规划

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Claretha Hughes (University of Arkansas, USA)

Description:

There is no end in sight as the Fourth Industrial Revolution becomes more prevalent across the world. Artificial intelligence (AI) is making it imperative that machines and technology be integrated within the workplace. As the workforce ages, there has to be a way to acquire the tacit and explicit knowledge of these workers. The fields of human resource development and workforce development must lead in efforts to train and develop these workers for continuous technological change.

Strategies for Attracting, Maintaining, and Balancing a Mature Workforce is an essential reference source that examines efforts for engaging, retaining, and utilizing an aging workforce in a workplace that is increasingly becoming more technology-centered and provides reskilling and upskilling strategies to address the skills gaps. The title compiles vital human resource and workforce development strategies that assist these professionals with helping all employees at all levels within the workforce attain work, keep their jobs, and grow in their development to assist others. Featuring research on topics such as organizational culture, career learning, and agile workforce, this book is ideally designed for managers, executives, recruiters, hiring professionals, managing directors, human resources professionals, business researchers, industry professionals, academicians, and students.

Topics Covered:

- Adaptive Leadership
- Agile Workforce
- Career Development
- Career Learning
- Diversity Intelligence
- Global Economy
- Knowledge Management
- Organizational Culture
- Reverse Mentoring
- Social Media

关于本书编辑:

Claretha Hughes is Professor of Human Resource and Workforce Development at the University of Arkansas, USA. She has over 28 years of diverse management, supervisory, and administrative experience in organizational and workforce development. She is a member of Association for Talent Development and has edited and published articles in Advances in Developing Human Resources, Human Resource Development Review, and Workforce Education Forum. She has written and edited 10 books. Her book Valuing People and Technology in the Workplace: A Competitive Advantage Framework won the R. Wayne Pace Book of the Year award in 2012. She has a PhD from Virginia Tech, USA and her MBA is from the Sam M. Walton College of Business at the University of Arkansas, USA.

"This book provides research that relates to ***attracting, maintaining, and balancing a mature workforce*** *in a workplace that is increasingly more technology centered. There is no end in sight as* ***the Fourth Industrial Revolution becomes stronger across the world****, and human resource development, workforce development, and human resource management scholars and professionals must become* ***more proficient*** *at attracting, maintaining, and balancing mature workers alongside younger workers and automated technologies."*

- Dr. Claretha Hughes (University of Arkansas, USA)

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Chapter 6: Maintaining a Mature Workforce in the Nursing Profession: An HRD Perspective on Retention Prof. Torrence E. Sparkman, Rochester Institute of Technology, USA	**Chapter 8: How Millennial Mentors Can Help Upskill, Reskill, and Retain Mature Workers** Prof. Marie-Line Germain, Western Carolina University, USA
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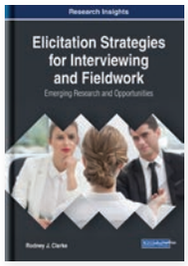

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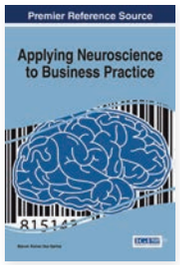

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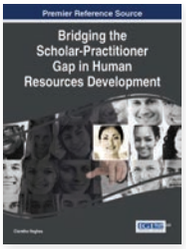

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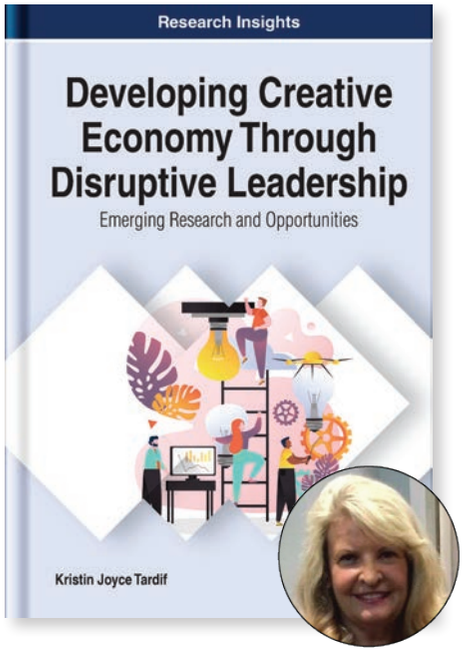

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Pages: 226

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通过颠覆性领导发展创意经济：新兴研究与机遇

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Kristin Joyce Tardif (University of Arkansas – Fort Smith, USA)

Description:

Across rural America there are disruptive leaders who are finding the courage to ignite their small local communities with creativity, ingenuity, scrappiness, and collaboration despite political, racial, or religious differences. By combining skills, experience, and culture heritage, they are successfully igniting their own creative economies. Many of these communities are providing products and services to much larger urban areas and are thriving in international trade. In addition, they have capitalized their own unique cultural heritage and have developed a bustling tourism industry. All have developed events, public art, fine arts, music, theater, and technology to create a modern new local enlightenment.

Developing Creative Economy Through Disruptive Leadership: Emerging Research and Opportunities is a collection of innovative research that explores strategies for reinventing and rebuilding creative economies. While highlighting topics such as entrepreneurism, social media, and branding, the research within this book is based on the interviews and analysis of fifteen state agencies that are a mixture of rural, semi-urban, and urban, and are all quite different in culture and diversity. This publication is ideally designed for community leaders, government officials, policymakers, entrepreneurs, educators, researchers, academicians, and students.

Topics Covered:

- Branding
- Cognitive Skills
- Cultural Tourism
- Education
- Entrepreneurism
- Government
- Industrial Revolutions
- Nonprofits
- Self-Awareness
- Social Media
- Technology
- Urban and Rural Migration

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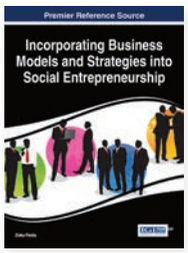
Innovative Management and Business Practices in Asia
© 2020; 365 pp.



Incorporating Business Models and Strategies into Social Entrepreneurship
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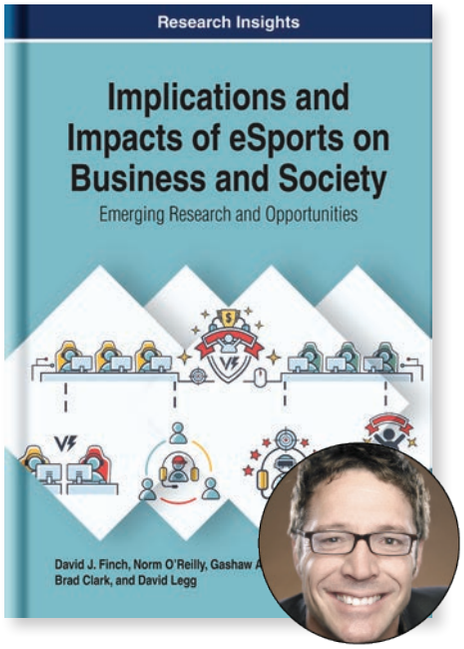
电子竞技对商业与社会的意义与影响：新兴研究与机遇

Part of the Advances in E-Business Research Book Series

Profs. David J. Finch (Mount Royal University, Canada), Norm O'Reilly (University of Guelph, Canada), Gashaw Abeza (Towson University, USA), Brad Clark (Mount Royal University, Canada), and David Legg (Mount Royal University, Canada)



Description:

The global gaming market, due to numerous technological advancements in social media networking and live-streaming video, has exploded in recent years. However, this newly acquired popularity has left many industry professionals pondering a difficult enigma: How does this affect the professional world?

Implications and Impacts of eSports on Business and Society: Emerging Research and Opportunities provides innovative research exploring the immersion of competitive electronic sports and applications within global marketing, business, and society. Featuring coverage on a broad range of topics such as social networking, sponsorship branding, and risk management, this book is ideally designed for sports and entertainment practitioners, communications professionals, marketers, business consultants, researchers, professionals, and students seeking current research on potential business opportunities in the eSports industry.

Topics Covered:

- Artificial Intelligence
- Competitive Gaming
- Global Business
- Interactive Media
- Mainstream Media
- Online Community
- Risk Management
- Social Networking
- Sponsorship Branding
- Viewer Diversity

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Pages: 185

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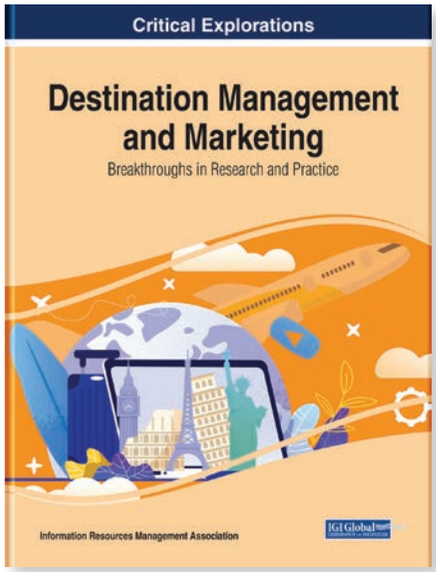

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目的地管理与营销：研究与实践的突破

Mehdi Khosrow-Pour, D.B.A.

Description:

The marketing of a destination necessitates strategic planning, decision making, and organization. Effective positioning will result in a strong brand that develops an emotional and productive two-way relationship. Notwithstanding, destination managers should possess relevant knowledge and understanding on traditional and contemporary marketing channels to better engage with prospective visitors.

Research Anthology on Destination Management and Marketing: Breakthroughs in Research and Practice (2 Vols.) focuses on utilizing destination branding and content marketing for sustainable growth and competitive advantage within the tourism and hospitality industry, including tools and techniques for travel branding and best practices for better tourism management strategies. Highlighting a range of topics such as service quality, sustainable tourism, and competitiveness model, this publication is an ideal reference source for government officials, travel agencies, advertisers, marketers, tour directors, hotel managers, restaurateurs, industry professionals including those within the hotel, leisure, transportation, and theme park sectors, policymakers, practitioners, academicians, researchers, and students.

Topics Covered:

- Branding
- Competitiveness Model
- Customer Satisfaction
- Destination Authenticity
- Marketing Strategies
- Online Destination Images
- Public Relations
- Service Quality
- Sustainable Tourism
- Tourism Destinations

Related Books

Digital Marketing Strategies for Tourism, Hospitality, and Airline Industries
© 2020; 267 pp.

Driving Tourism through Creative Destinations and Activities
© 2017; 375 pp.

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Part of the Advances in Human Resources Management and Organizational Development Book Series

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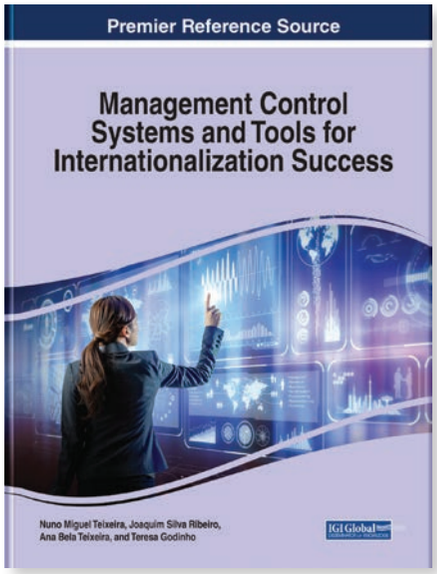

Description:

In the competitive environment of corporate business, companies are constantly looking for a competitive edge. With the development of information and communication technologies, professionals are altering their process of conducting business. A vital tool that is contributing to this competitive shift is the management control system, which provides updated information on markets, contributing to smarter decisions.

Management Control Systems and Tools for Internationalization Success is an essential reference source that discusses the fundamentals, benefits, and risks of implementing internationalization strategies within a business, along with other organizational performance instruments. Featuring research on topics such as financial performance, international markets, and evaluation systems, this book is ideally designed for entrepreneurs, managers, executives, IT consultants, business professionals, marketers, researchers, students, and academicians seeking coverage on internationalization strategies within management control systems.

ISBN: 9781799820079
Release Date: November, 2019
Copyright: 2020
Pages: 270

Pricing:

Hardcover: US $245.00
Softcover: US $185.00
E-Book: US $245.00

Topics Covered:

- Budget Process
- Company Development
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- Knowledge Management
- Pilot Instruments
- Risk Assessment

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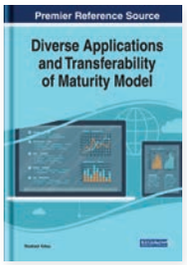

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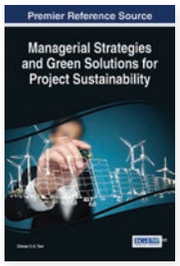

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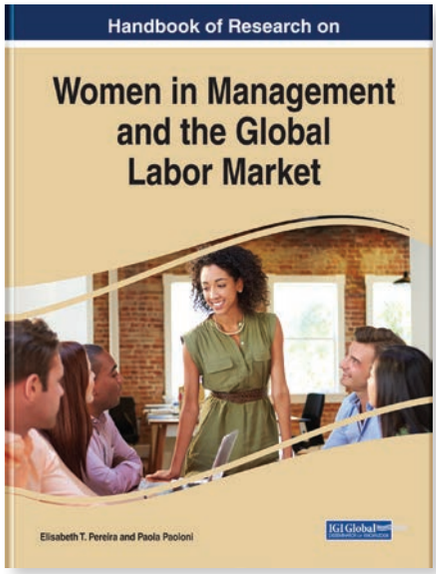

女性管理者与全球劳动力市场研究手册

Part of the Advances in Logistics, Operations, and Management Science Book Series

Profs. Elisabeth T. Pereira (University of Aveiro, Portugal) and Paola Paoloni (Sapienza University of Rome, Italy)

Description:

Existent literature has identified the existence of some differences between men and women entrepreneurs in terms of propensity to innovation, approach to creativity, decision making, resilience, and co-creation. Without properly examining the current inequalities in social-economic structures, it is difficult to examine the results of corporate female leadership.

The **Handbook of Research on Women in Management and the Global Labor Market** is a pivotal reference source that examines the point of convergence among entrepreneurship organizations, relationship, creativity, and culture from a gender perspective, and researches the relation between current inequalities in social-economic structures and organizations in the labor market, education and individual skills, wages, work performance, promotion, and mobility. While highlighting topics such as gender gap, woman empowerment, and gender inequality, this publication is ideally designed for managers, government officials, policymakers, academicians, practitioners, and students.

ISBN: 9781522591719
Release Date: June, 2019
Copyright: 2019
Pages: 423

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Career Women
- Diversity
- Entrepreneurship
- Gender Gap
- Gender Inequality
- Glass Ceiling
- Labor Market
- Leadership Quality
- Management Science
- Woman Empowerment

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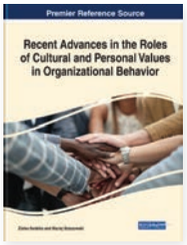

Recent Advances in the Roles of Cultural and Personal Values in Organizational Behavior
© 2020; 420 pp.

阿拉伯妇女及其在全球商业格局中的演变作用

Part of the Advances in Human Resources Management and Organizational Development Book Series

Profs. Ebtihaj Al-A'ali (University of Bahrain, Bahrain), Minwir M. Al-Shammari (University of Bahrain, Bahrain), and Hatem Masri (University of Bahrain, Bahrain)

ISBN: 9781522537106
Release Date: December, 2017
Copyright: 2018
Pages: 321

Pricing:

Hardcover: US $200.00
E-Book: US $200.00

Description:

Occupational segregation is a pressing issue in business and can be detrimental to women in the workforce. With the this segregation growing, there is now an urgent need to increase the presence of women in the business market.

Arab Women and Their Evolving Roles in the Global Business Landscape is a pivotal reference source for the latest research findings on the Arab culture and how the global culture impacts Arab women in the business market. Featuring extensive coverage on relevant areas such as work and family balance, gender stereotypes, and the glass ceiling, this publication is an ideal resource for legislators and policymakers, economic developers, corporate practitioners, educational faculties, and students of all disciplines who are looking to change the way gender is viewed in the workforce.

Topics Covered:

- Career Advancement
- Empowerment Strategies
- Entrepreneurship
- Gender Stereotypes
- Glass Ceiling
- Women's Economic Empowerment
- Work and Family Balance

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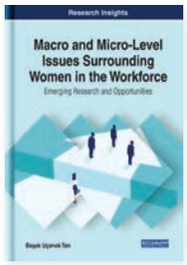

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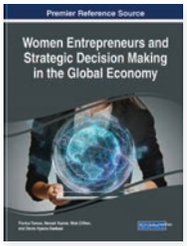

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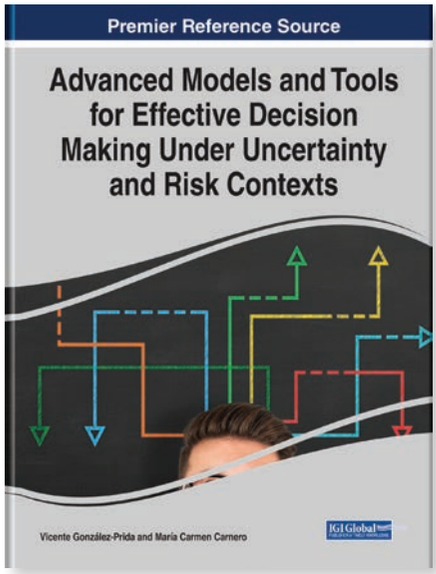

ISBN: 9781799832461
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Part of the Advances in Business Strategy and Competitive Advantage Book Series

Profs. Vicente González-Prida (University of Seville, Spain & UNED, Spain) and María Carmen Carnero (University of Castilla-La Mancha, Spain)

Description:

Business industries depend on advanced models and tools that provide an optimal and objective decision-making process, ultimately guaranteeing improved competitiveness, reducing risk, and eliminating uncertainty. Thanks in part to the digital era of the modern world, reducing these conditions has become much more manageable.

Advanced Models and Tools for Effective Decision Making Under Uncertainty and Risk Contexts provides research exploring the theoretical and practical aspects of effective decision making based not only on mathematical techniques, but also on those technological tools that are available nowadays in the Fourth Industrial Revolution. Featuring coverage on a broad range of topics such as industrial informatics, knowledge management, and production planning, this book is ideally designed for decision makers, researchers, engineers, academicians, and students.

Topics Covered:

- Asset Assessment
- Business Research
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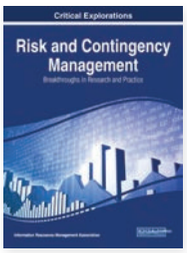

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Part of the Advances in Human Resources Management and Organizational Development Book Series

Profs. Yvette Blount (Macquarie University, Australia) and Marianne Gloet (University of Melbourne, Australia)

Description:

While the current workforce has pushed for the capability to work from home, it has been the natural disasters and pandemics that have emerged across the globe this past year that have pushed the matter to the forefront of conversation. More companies are seeing the benefits of having a workforce that can maintain business processes and keep organizations running from anywhere. Advances in technology continue to improve online collaboration tools and co-working centers, making working from anywhere a possibility.

Anywhere Working and the Future of Work is a pivotal reference source that provides vital research on the current state of teleworking/telecommuting and how it can be used to achieve competitive advantage. While highlighting topics such as digital workforce, mobile technology, and accessibility, the book examines the trends, issues, and limitations that are informing the future of anywhere working. This publication also explores remote management practices as well as potential challenges such as increasing business automation applications that may require navigation in the future of work. This book is ideally designed for business professionals, managers, executives, government agencies, policymakers, academicians, researchers, and students.

Topics Covered:

- Accessibility
- Artificial Intelligence
- Communication Technologies
- Digital Workforce
- Flexible Work
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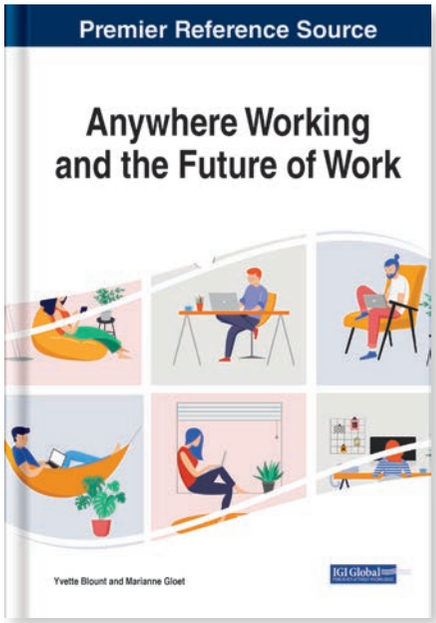
- Machine Learning
- Management Science
- Mobile Technology
- Telehealth
- Telework



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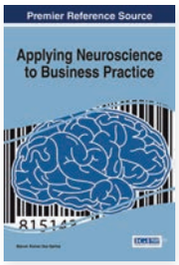

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© 2018; 152 pp.

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Part of the Advances in Business Strategy and Competitive Advantage Book Series

Profs. José Manuel Saiz-Álvarez (EGADE Business School, Tecnológico de Monterrey, Mexico & Mexican Academy of Sciences, Mexico) and Beatriz Olalla-Caballero (Pontifical University of Salamanca, Spain)

Description:

Quality Management for Competitive Advantage in Global Markets is an essential reference source that discusses the importance of quality practices and global market practices. With research that allows practitioners to improve their understanding of the strategic role of quality in the information and knowledge society, it focuses on describing a global economy formed by networks, organizations, teams, workgroups, information systems, and finally, actors in networked environments. Featuring research on topics such as consumer satisfaction, human capital, and quality management, the target audience of this book is composed of professionals and researchers working in the field of information and knowledge management in various disciplines including library, information and communication sciences, administrative sciences and management, education, adult education, sociology, computer science, and information technology. Moreover, the book provides insights and supports executives concerned with the management of expertise, knowledge, information, and organizational development in different types of work communities and environments.

ISBN: 9781799850366
Release Date: September, 2020
Copyright: 2021
Pages: 400

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Brand Value
- Competitive Advantage
- Consumer Satisfaction
- E-Commerce
- Economic Growth
- Entrepreneurship
- Human Capital
- Job Creation
- Quality Management
- Sustainability

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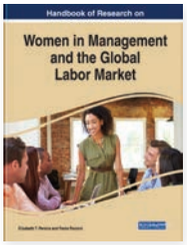
© 2019; 645 pp.



Handbook of Research on Women in Management and the Global Labor Market
© 2019; 423 pp.

系统方法学在组织变革中的运用

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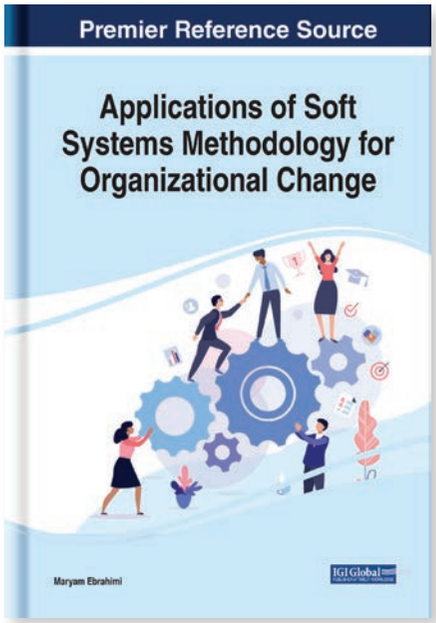
Prof. Maryam Ebrahimi (Independent Researcher, Germany)



Description:
Systems thinking is a method of problem solving that deals with various cultural issues including conflict and compromise. In recent years, researchers have begun studying this approach and applying it within several professional fields, specifically organizations and business management. In the modern age of information, professionals are continually looking for new methods to improve traditional practices within their field. Improving organizational practices through the implementation of the soft systems approach is a growing research area that requires in-depth discussion and case studies.

Applications of Soft Systems Methodology for Organizational Change is a collection of innovative research on the theories and practices of soft systems and their application within organizational and industrial analysis. While highlighting topics including agent-based modeling, sustainable energy initiatives, and natural resources allocation, this book is ideally designed for researchers, designers, managers, analysts, practitioners, executives, academicians, and students seeking current research on the theories and applications of soft systems design.

ISBN: 9781799845041
Release Date: August, 2020
Copyright: 2021
Pages: 236

Pricing:

Hardcover: US $195.00
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E-Book: US $195.00

Topics Covered:

- Agent-Based Modeling
- Change Management
- Crisis Response
- Culture Analysis
- Educational Context
- Human Resources Management
- IT Management
- Natural Resources Allocation
- Simulation Modeling
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Part of the Advances in Electronic Commerce Book Series

Profs. Mohammad Nabil Almunawar (Universiti Brunei Darussalam, Brunei), Muhammad Anshari Ali (Universiti Brunei Darussalam, Brunei), and Syamimi Ariff Lim (Universiti Brunei Darussalam, Brunei)

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Description:

Business-to-consumer (B2C) and consumer-to-consumer (C2C) e-commerce transactions, including social commerce, are rapidly expanding, although e-commerce is still small when compared to traditional business transactions. As the familiarity of making purchases using smart devices continues to expand, many global and regional investors hope to target the ASEAN region to tap into the rising digital market in this region

The **Handbook of Research on Innovation and Development of E-Commerce and E-Business in ASEAN (2 Vols.)** is an essential reference source that discusses economics, marketing strategies, and mobile payment systems, as well as digital marketplaces, communication technologies, and social technologies utilized for business purposes. Featuring research on topics such as business culture, mobile technology, and consumer satisfaction, this book is ideally designed for policymakers, financial managers, business professionals, academicians, students, and researchers.

Topics Covered:

- Business Culture
- Consumer Satisfaction
- Data Analytics
- Digital Marketplace
- Knowledge Sharing
- Mobile Technology
- Relationship Management
- Small and Medium Enterprises
- Social Commerce
- Sustainable Development

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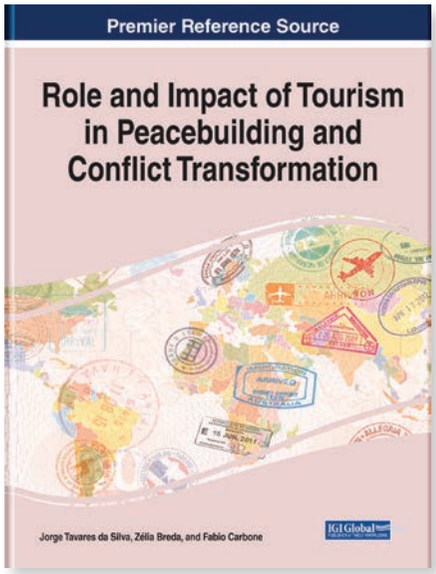
Profs. Jorge Tavares da Silva (GOVCOPP, University of Aveiro, Portugal), Zélia Breda (GOVCOPP, University of Aveiro, Portugal), and Fabio Carbone (Centre for Trust, Peace, and Social Relations, Coventry University, UK & GOVCOPP, University of Aveiro, Portugal)



Description:

Though conflict is normal and can never fully be prevented in the international arena, such conflicts should not lead to loss of innocent life. Tourism can offer a bottom-up approach in the mediation process and contribute to the transformation of conflicts by allowing a way to contradict official barriers motivated by religious, political, or ethnic division. Tourism has both the means and the motivation to ensure the long-term success of prevention efforts.

Role and Impact of Tourism in Peacebuilding and Conflict Transformation is an essential reference source that provides an approach to peace through tourism by presenting a theoretical framework of tourism dynamics in international relations, as well as a set of peacebuilding case studies that illustrate the role of tourism in violent or critical scenarios of conflict. Featuring research on topics such as cultural diversity, multicultural interaction, and international relations, this book is ideally designed for policymakers, government officials, international relations experts, academicians, students, and researchers.

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Topics Covered:

- Conflict Resolution
- Cultural Diversity
- Global Business
- Global Tourism
- International Relations
- Multicultural Interaction
- Peace Tourism
- Post-War Tourism
- Sustainability
- World Peace

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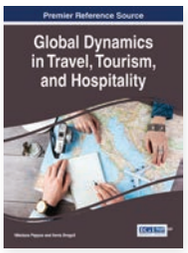

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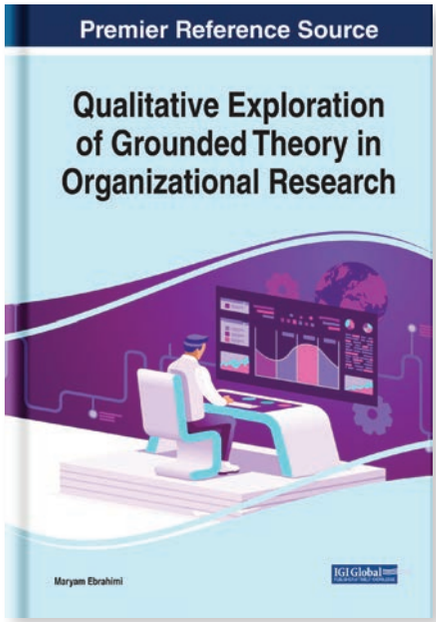

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Prof. Maryam Ebrahimi (Independent Researcher, Germany)

Description:

Due to their complexity, societal influence, and dynamic nature, organizations have become a prominent area of study. As researchers are continually looking for novel methods for developing business practices, the implementation of grounded theory has risen in prevalence. Empirical research is required to understand the theoretical foundation and practical applications of grounded theory within organizational research and development.

Qualitative Exploration of Grounded Theory in Organizational Research provides emerging research exploring the theoretical and practical aspects of data gathering and analysis for organizational improvement. Featuring coverage on a broad range of topics such as business ethics, corporate social responsibility, and technology management, this book is ideally designed for researchers, strategists, managers, executives, analysts, academicians, practitioners, students, policymakers, and educators seeking current research on the development of organizations and business strategy using grounded theory approaches.

Topics Covered:

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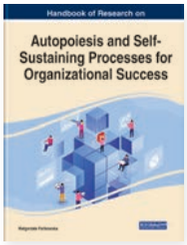

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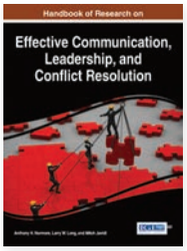

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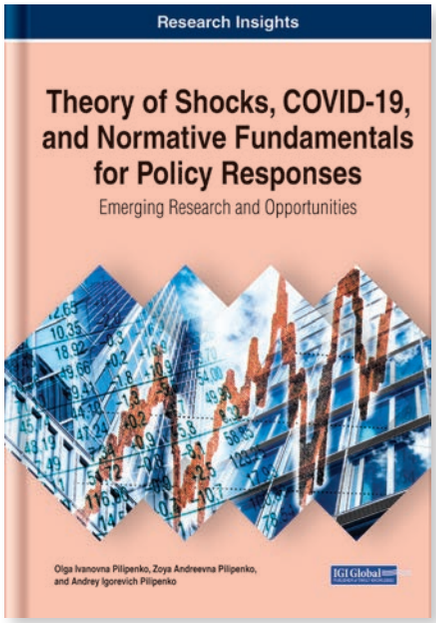

Description:

The phenomenon of shocks is often mentioned in relation to economic crises but rarely studied. This gap in research has resulted in shocks being poorly understood, with no fundamental explanation of their inciting conditions. It is a system-forming problem that cannot be investigated without dynamic ideas about the economy, but an incomplete understanding of this event leaves economic systems vulnerable to collapse.

Theory of Shocks, COVID-19, and Normative Fundamentals for Policy Responses: Emerging Research and Opportunities is an essential publication that explores the factors that cause economic shocks and the mechanisms of their implementation. The book serves as a resource for the development of policy-oriented frameworks for achieving and maintaining national and international strategies to properly manage future global shocks. Featuring coverage of a wide range of topics including dialectics, self-evolvement, and structural relationships, this book is ideally designed for economists, executives, managers, entrepreneurs, academicians, students, and researchers in the areas of finance, macroeconomics, economic theory, and risk assessment.

Topics Covered:

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- Complex Economic Systems
- Dialectics
- Economic Dynamics
- Exchange Destruction
- Formal Institutions
- Manifestation of Shocks
- Price Discrepancies
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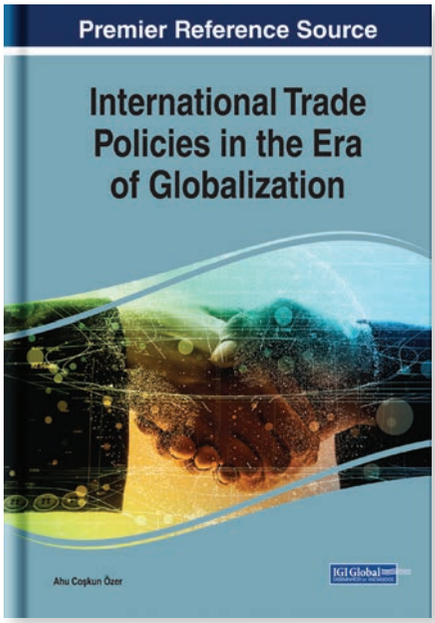

全球化时代的国际贸易政策

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Prof. Ahu Coşkun Özer (Marmara University, Turkey)

Description:

Though globalization has removed commercial walls between countries and implemented new international trade policies, trade barriers still exist. Due to the various political barriers surrounding other countries, the future of world trade has become uncertain. Understanding these barriers and their implications is imperative to implementing successful foreign trade policies.

International Trade Policies in the Era of Globalization provides relevant theoretical frameworks and the latest empirical research findings on international trade and improves the understanding of the strategic role of trade policies and their importance in the global economy. The content within this publication contains reports on global trade, trade wars, and foreign policy. This research is designed for policymakers, government officials, economists, business professionals, researchers, and international business students.

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Topics Covered:

- Commercial Barriers
- Corporate Tax
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- Exchange Rate
- Foreign Policy
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- International Business
- Tariffs
- Trade Protectionism
- Trade Wars

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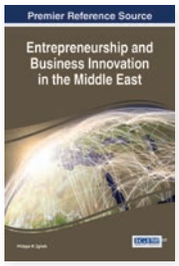

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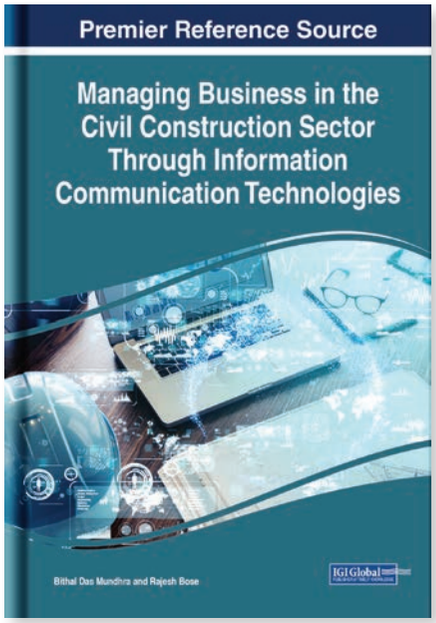

Description:

Many industries have struggled to realize the importance of modern technology, but none more so than the construction industry. By employing various computer-aided management systems, construction businesses have increased their profitability and the systematic way their companies function.

Managing Business in the Civil Construction Sector Through Information Communication Technologies supplies a compendium of innovative research that highlights the use of computer-aided design and tools and the vital role that such forms of information technology have to play in the actual production activities of any civil construction company. Subsequent chapters focus on equally vital areas such as that of construction management, contracts management, materials management, human resource management, and enterprise resource planning. Chapters on cloud computing technology, internet of things, and artificial intelligence enable readers to acquire an overview and grasp the basics of these latest trending technologies. This book is ideally designed for construction firms, students, entrepreneurs, industry professionals, IT consultants, and academicians.

Topics Covered:

- Agile Technology
- Artificial Intelligence
- Blockchain Technology
- Cloud Computing
- Construction Engineering
- Construction Management
- Contract Management
- Enterprise Resource Planning
- Machine Learning
- Project Management Systems

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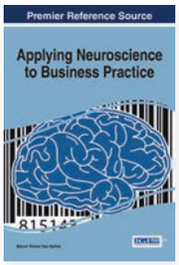

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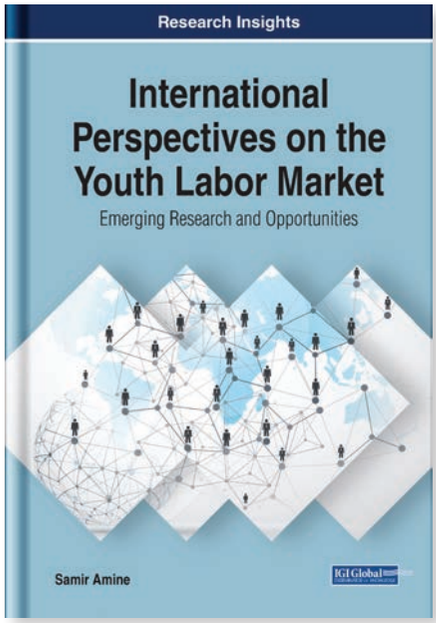

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Prof. Samir Amine (Université du Québec en Outaouais, Canada)

Description:

Persistent unemployment and rising wage differences at the expense of low-skilled workers has characterized the labor market in most developed countries. Since the last economic crisis, unemployment rates and pay inequalities have increased among workers under 25 years of age, thus creating an ever-widening financial gap for an entire generation. Those who do not have a qualification or post-secondary diploma often find themselves in precarious jobs at minimum wage. Countries are now working to adopt reforms to improve the situation of young people in the labor market.

International Perspectives on the Youth Labor Market: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of financial inequality and applications within global economics. Unlike literature that focuses only on developed countries, this book also addresses emerging economies whose labor market is often characterized by a dualism that makes the situation of young workers worse. Featuring coverage on a broad range of topics such as unemployment rate, labor reform, and job insecurity, this book is ideally designed for economists, government officials, policymakers, executives, managers, business professionals, researchers, academicians, and students.

Topics Covered:

- Emerging Economies
- Financial Crisis
- Global Finances
- Higher Education
- Job Insecurity
- Knowledge Society
- Labor Reform
- Sustainable Development
- Unemployment Rate
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Profs. Norazah Mohd Suki (Universiti Malaysia Sabah, Malaysia) and Norbayah Mohd Suki (Universiti Utara Malaysia, Malaysia)

Description:

With the increasing prevalence of information, communication, and technology, including social media, in the digital economy, leveraging consumer behavior and psychology has become a dominant ground for researchers and practitioners to inspect the trends, opportunities, and challenges to social networking service (SNS) developers and online firms. These platforms have become a key channel for social interactions and networking among individuals and online communities to leverage business activities in respect to product and service visibility and sustainability via the internet.

Leveraging Consumer Behavior and Psychology in the Digital Economy is a pivotal reference source that provides current research on topics relevant to consumer behavior, consumer psychology, consumer value, customer satisfaction, and loyalty and how best to utilize this research consumer behavior and psychology in the digital economy. Emphasizing critical topics in the field of consumer behavior research, this publication is a wide-ranging resource for professionals, practitioners, marketers, retailers, business managers, academics, researchers, and graduate-level students interested in the latest material on consumer behavior and psychology in the digital economy.

Topics Covered:

- Consumer Interaction
- Customer Satisfaction
- Digital Economics
- Digital Media
- E-Commerce
- Generational Marketing
- Global Branding
- Information Sharing
- Online Communities
- Social Media

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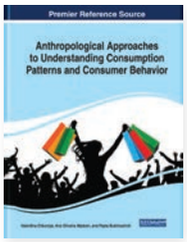

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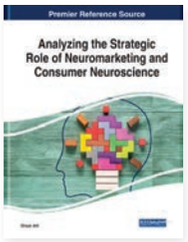

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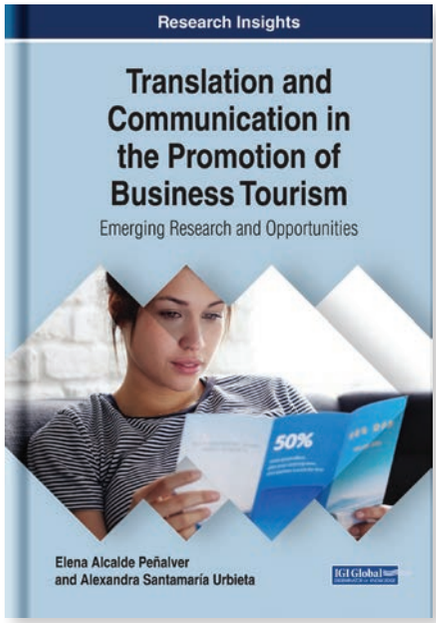

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Profs. Elena Alcalde Penalver (University of Alcalá, Spain) and Alexandra Santamaría Urbieta (University of Alcalá, Spain)

Description:

The explosive expansion of the tourism industry has been vital to the economic growth of numerous countries throughout the world. As the industry becomes increasingly more competitive, it is necessary for destinations to implement business strategies and invest in human resources that will promote more travel. One such area that requires more attention is that of translation in marketing initiatives.

Translation and Communication in the Promotion of Business Tourism: Emerging Research and Opportunities offers a comprehensive study of translation in the business tourism sector by looking at the value of business tourism translation according to market demands, the main models of these specializations, and empirical data from a compilation of a corpus with texts in English and Spanish that serve as explanatory examples of what to do when dealing with texts from this context. The content within this publication examines international travel, international communication, and global business. It is designed for business professionals, managers, policymakers, translators, marketers, advertisers, researchers, students, and academicians.

Topics Covered:

- Business Education
- Business Operations
- Culture Transfer
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Description:

FinTech is encouraging various new practices, such as diminishing the use of cash in different countries, increasing rate of mobile payments, and introducing new algorithms for high-frequency trading across national boundaries. It is paving the way for new technologies emerging in the information technology scene that allow financial service firms to automate existing business processes and offer new products, including crowdfunding or peer-to-peer insurance. These new products cater to hybrid client interaction and customer self-services, changing the ecosystem by increasing outsourcing for focused specialization by resizing and leading to new ecosystems and new regulations for encouraging FinTech. However, such new ecosystems are also accompanied by new challenges.

Innovative Strategies for Implementing FinTech in Banking provides emerging research exploring the theoretical and practical aspects of technology inclusion in the financial sector and applications within global financing. It provides a clear direction for the effective implementation of FinTech initiatives/programs for improving banking financial processes, financial organizational learning, and performance excellence. Featuring coverage on a broad range of topics such as artificial intelligence, social financing, and customer satisfaction, this book encourages the management of the financial industry to take a proactive attitude toward FinTech, resulting in a better decision-making capability that will support financial organizations in their journey towards becoming FinTech-based organizations. As such, this book is ideally designed for financial analysts, finance managers, finance administrators, banking professionals, IT consultants, researchers, academics, and students.

Topics Covered:

- Artificial Intelligence
- Banking Systems
- Cloud Banking
- Crowdfunding
- Customer Satisfaction
- Data Analytics
- Digital Technology
- Globalization
- Smart Technology
- Social Financing

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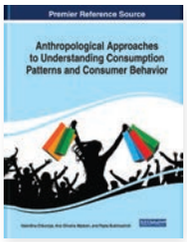

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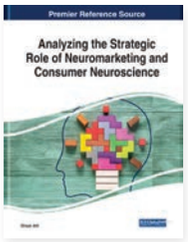

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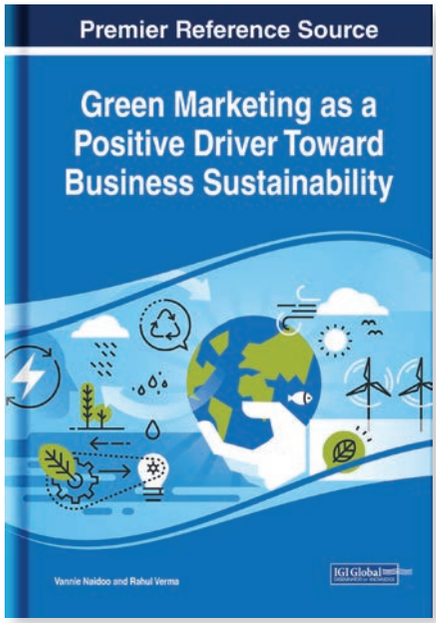

绿色营销作为推动企业可持续发展积极驱动力

Part of the Advances in Marketing, Customer Relationship Management, and E-Services Book Series

Profs. Vannie Naidoo (University of KwaZulu-Natal, South Africa) and Rahul Verma (Department of Training and Technical Education, India)

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Description:

As corporations increasingly recognize the benefits of green marketing, the number of projects with important local environmental, economic, and quality-of-life benefits shall increase. Encouraging the holistic nature of green, moreover, inspires other retailers to push the movement.

Green Marketing as a Positive Driver Toward Business Sustainability is a collection of innovative research on the methods and applications of integrating environmental considerations into all aspects of marketing. While highlighting topics including green consumerism, electronic banking, and sustainability, this book is ideally designed for industrialists, marketers, professionals, engineers, educators, researchers, and scholars seeking current research on green development in regular movement.

Topics Covered:

- Branding
- Consumer Behavior
- Ecolabels
- Electronic Banking
- Green Advertising
- Green Consumerism
- Marketing
- Risk Management
- Social Media
- Sustainability

Related Books

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拉丁美洲和加勒比的开放和创新贸易机会

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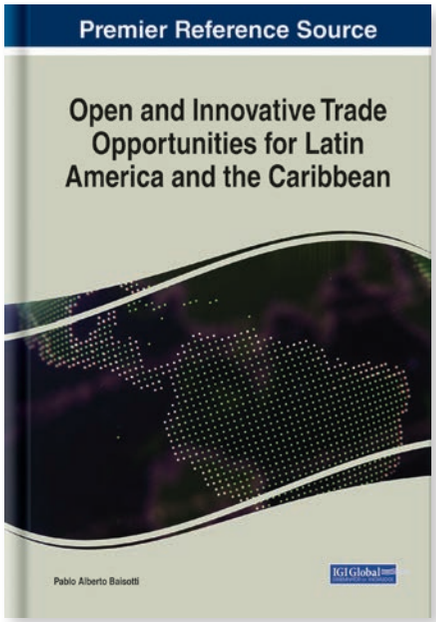
Prof. Pablo Alberto Baisotti (University of Costa Rica, Costa Rica)



Description:

Trade, especially international trade, is an important component of business that can be instrumental to the prosperity of a country or region. The various economic expansions into the South American region, in particular, have become increasingly scrutinized for their industrial and capital policies and how they impact the local communities as a whole.

Open and Innovative Trade Opportunities for Latin America and the Caribbean is a collection of innovative research on the methods and applications of international trade relations within Latin American countries. While highlighting topics including international relations, local governance, and global economics, this book is ideally designed for entrepreneurs, government officials, business owners, researchers, policymakers, academicians, students, and international business professionals.

Topics Covered:

- Bilateral Relationships
- Business Partnership
- Business Policy
- Foreign Policy
- Global Business
- Global Economics
- International Relations
- International Trade
- Local Governance
- Social Development

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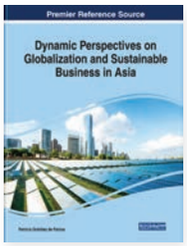

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Profs. Darlene M. Van Tiem (Capella University, USA & University of Michigan – Dearborn, USA) and Nancy Crain Burns (Crain Burns Associates LLC, USA)

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Description:

Companies in today's market are continually looking for techniques that will enhance and improve their overall performance. The rise of data analytics in recent years has changed the way managers are viewing performance methods within an organization. Innovative strategies in developing organizational execution are becoming more accessible; however, there remains a lack of research on performance improvement methods through scientific analysis.

Cases on Performance Improvement Innovation is a collection of innovative research that illustrates many applications of performance improvement based on analysis, selection of strategy, monitoring, and evaluating results to accomplish organizational change through people, processes, and organizations. While highlighting topics including intervention analysis, organizational development, and human performance technology, this book is ideally designed for students, researchers, executives, managers, practitioners, educators, and academicians seeking current research on contemporary innovations in organizational performance.

Topics Covered:

- Appreciative Inquiry
- Certification
- Human Performance Technology
- Intervention Analysis
- Organizational Analysis
- Organizational Development
- Performance Evaluation
- Performance Improvement
- Positive Psychology
- Workforce Development

Related Books

Strategic Collaborative Innovations in Organizational Systems
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Competitive Drivers for Improving Future Business Performance
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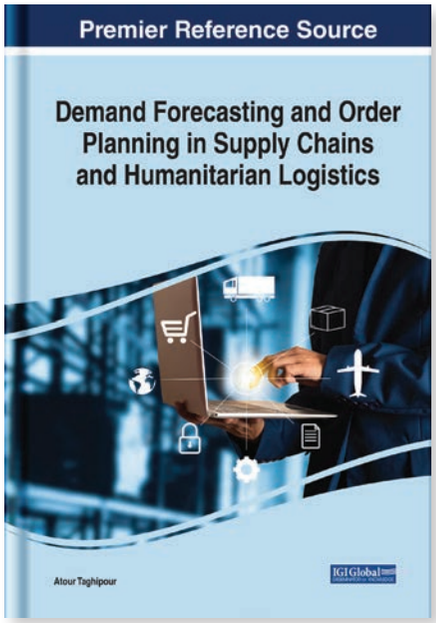
Prof. Atour Taghipour (Normandy University, France)



Description:

In a decentralized supply chain, most of the supply chain agents may not share information due to confidentiality policies, quality of information, or different system incompatibilities. Every actor holds its own set of information and attempts to maximize its objective (minimizing costs/ minimizing inventory holdings) based on the available settings. Therefore, the agents control their own activities with the objective of improving their own competitiveness, which leads them to make decisions that maximize their local performance by ignoring the other agents or even the final consumer. These decisions are myopic because they do not consider the performance of all the partners to satisfy the consumer.

Demand Forecasting and Order Planning in Supply Chains and Humanitarian Logistics is a collection of innovative research that focuses on demand anticipation, forecasting, and order planning as well as humanitarian logistics to propose original solutions for existing problems. While highlighting topics including artificial intelligence, information sharing, and operations management, this book is ideally designed for supply chain managers, logistics personnel, business executives, management experts, operation industry professionals, academicians, researchers, and students who want to improve their understanding of supply chain coordination in order to be competitive in the new era of globalization.

Topics Covered:

- Aggregation Planning
- Artificial Intelligence
- Decision Support Systems
- Information Sharing
- Logistics
- Machine Learning
- Neural Networking
- Operations Management
- Sales Forecasting
- Supply Chain Management

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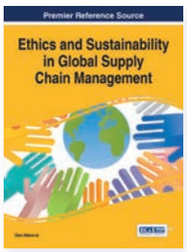

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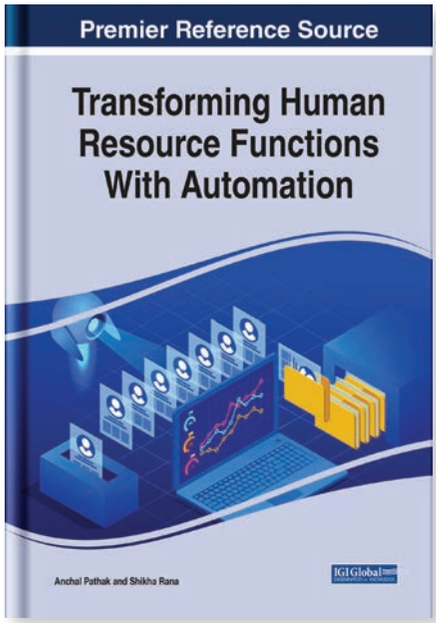

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Profs. Anchal Pathak (IMS Unison University, India) and Shikha Rana (IMS Unison University, India)

Description:

Technology is used in various forms within today's modern market. Businesses and companies, specifically, are beginning to manage their effectiveness and performance using intelligent systems and other modes of digitization. The rise of artificial intelligence and automation has caused organizations to re-examine how they utilize their personnel and how to train employees for new skillsets using these technologies. These responsibilities fall on the shoulders of human resources, creating a need for further understanding of autonomous systems and their capabilities within organizational progression.

Transforming Human Resource Functions With Automation is a collection of innovative research on the methods and applications of artificial intelligence and autonomous systems within human resource management and modern alterations that are occurring. While highlighting topics including cloud-based systems, robotics, and social media, this book is ideally designed for managers, practitioners, researchers, executives, policymakers, strategists, academicians, and students seeking current research on advancements within human resource strategies through the implementation of information technology and automation.

Topics Covered:

- Cloud-Based Systems
- Digitization
- e-HRM Systems
- Expert Systems
- HR Analytics
- Information Systems
- Recruitment Tools
- Robotics
- Smart Workforce Management
- Social Media

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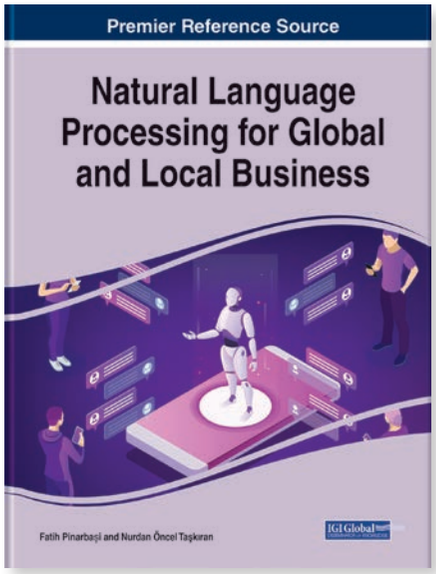

Description:

The concept of natural language processing has become one of the preferred methods to better understand consumers, especially in recent years when digital technologies and research methods have developed exponentially. It has become apparent that when responding to international consumers through multiple platforms and speaking in the same language in which the consumers express themselves, companies are improving their standings within the public sphere.

Natural Language Processing for Global and Local Business provides research exploring the theoretical and practical phenomenon of natural language processing through different languages and platforms in terms of today's conditions. Featuring coverage on a broad range of topics such as computational linguistics, information engineering, and translation technology, this book is ideally designed for IT specialists, academics, researchers, students, and business professionals seeking current research on improving and understanding the consumer experience.

Topics Covered:

- Artificial Intelligence
- CALL
- Computational Linguistics
- Consumer Behavior
- Digital Technology
- Information Engineering
- Linguistics
- Personality Prediction
- Social Media
- Translation Technology

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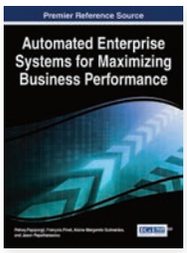

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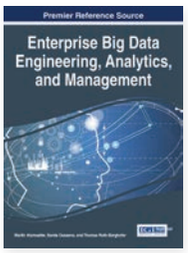

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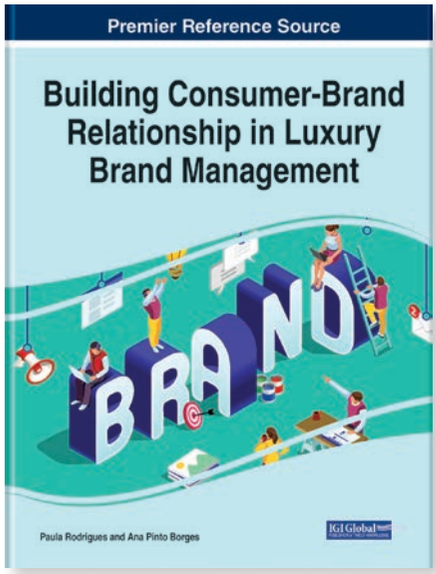

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Description:

Luxury is no longer a privilege of the high-net-worth individuals. It is now accessible to all. This has become possible because the essence of luxury has changed: from something based upon materialism and conspicuous and hedonic consumption to one that embraces enrichment and experiences for the consumers. This evolution creates challenges for luxury brands and for the managers of luxury brands.

Building Consumer-Brand Relationship in Luxury Brand Management is a collection of innovative research that focuses on the conception and marketing of luxury as an experience and explores more integrative and comprehensive approaches to modeling and understanding the consumer-brand relationship with luxury brands and their sustainability in a global and multicultural world. Highlighting a broad range of topics including digital marketing, consumer demand, and social responsibility, this book is ideally designed for marketers, brand managers, consumer analysts, advertisers, entrepreneurs, executives, researchers, academicians, and students.

Topics Covered:

- Celebrity Endorsement
- Consumer Demand
- Counterfeit Relationships
- Cross-Cultural Markets
- Digital Marketing
- Feminization of Luxury
- Innovation
- Luxury Capitals
- Marketing
- Relationship Management
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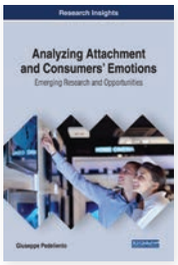

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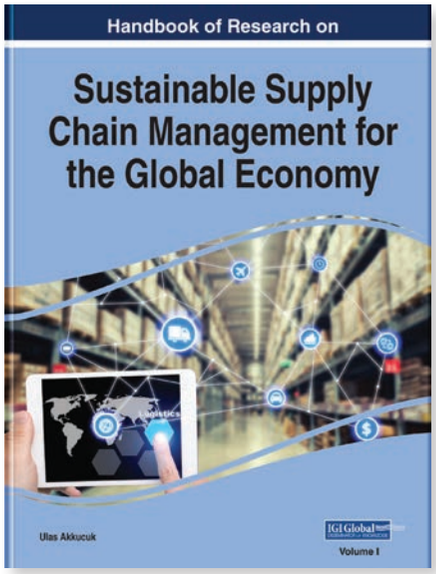

Description:

Many fields are beginning to implement developing practices that prove to be more efficient and environmentally friendly compared to traditional practices. This holds true for the realm of business, as organizations are redesigning their operations through the incorporation of sustainable methods. Research is needed on the specific techniques companies are using to promote efficiency and improved effectiveness using sustainabili

The **Handbook of Research on Sustainable Supply Chain Management for the Global Economy** is an essential reference source that discusses the incorporation of sustainability in various facets of business management. Featuring research on topics such as disruptive logistics, production planning, and renewable energy sources, this book is ideally designed for researchers, practitioners, students, managers, policymakers, academicians, economists, scholars, and educators seeking coverage on sustainable practices in supply chains to ensure a cleaner environment.

Topics Covered:

- Carbon Emissions
- Digital Transformation
- Disruptive Logistics
- Dropshipping
- E-Commerce
- Green Supply Chains
- Life Cycle Costing
- Multi-Criteria Decision Making
- Production Planning
- Quality Management
- Renewable Energy Sources

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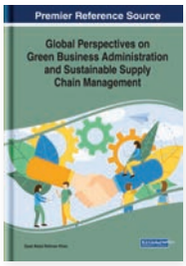

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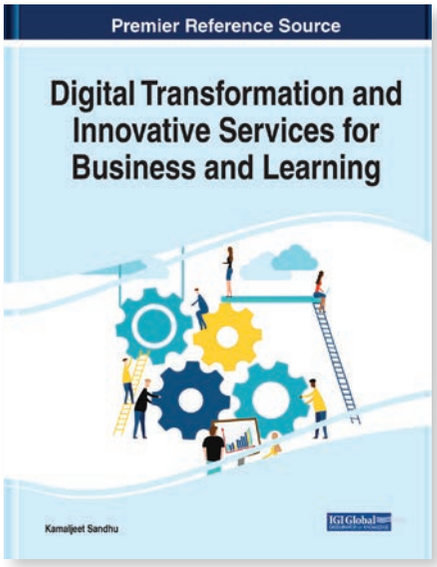

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Prof. Kamaljeet Sandhu (University of New England, Australia)

Description:

In a world dependent on digital technologies, business corporations continually try to stay ahead of their competitors by adopting the most updated technology into their business processes. Many companies are adopting digital transformation models, data analytics, big data, data empowerment, and data sharing as key strategies and as service disruptors for information delivery and record management. Higher education institutions have adopted digital service innovation as a core to driving their business processes. Such services are key to ensuring efficiency and improving organizational performance.

Digital Transformation and Innovative Services for Business and Learning is a collection of innovative research on the latest digital services and their role in supporting the digital transformation of businesses and education. While highlighting topics including brand equality, digital banking, and generational workforce, this book is ideally designed for managers, executives, IT consultants, industry professionals, academicians, researchers, and students.

Topics Covered:

- Brand Equality
- Consumption Behavior
- Corporate Social Responsibility
- Digital Banking
- Digital Learning Management
- Entrepreneurship
- Generational Workforce
- Intelligent Systems
- Service Quality
- Smart Education

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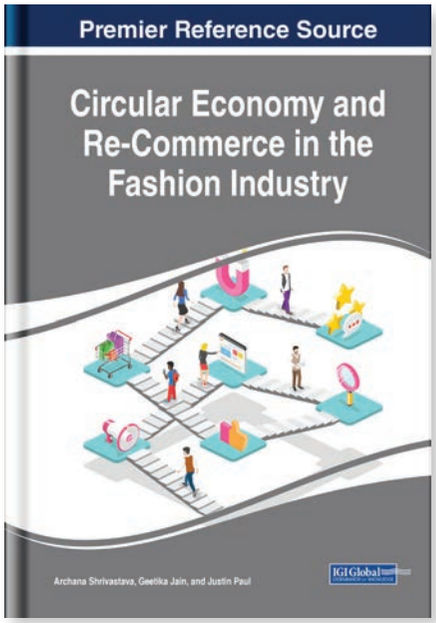

Description:

The apparel industry has the scale, reach, and technical expertise to deliver on-target sustainable development goals within the industry's sphere of influence in its interconnected global and local value chains. From the farm to the consumer, the textile, retail, and apparel production industry has an array of economic, environmental, social, and governance impacts. In order to meet sustainable goals, the industry is challenged to buy and produce goods and services that do not harm the environment, society, and the economy.

Circular Economy and Re-Commerce in the Fashion Industry is a pivotal reference source that explores and proposes solutions for best practices to meet sustainable development goals in the fashion industry and provides guidelines for assessing the technological landscape and modeling sustainable business practices. Highlighting a wide range of topics including digital marking, consumer behavior, and social and legal perspectives, this book is ideally designed for suppliers, brand managers, retailers, multinational investors, marketers, executives, designers, manufacturers, policymakers, researchers, academicians, and students.

Topics Covered:

- Consumer Behavior
- Corporate Branding
- Corporate Identity
- Customer Engagement
- Digital Marketing
- Innovation Strategy
- International Marketing
- Psychological Aspects
- Re-Commerce Ethics
- Real and Virtual Worlds
- Social and Legal Perspectives
- Social Media
- Sustainable Development Goals

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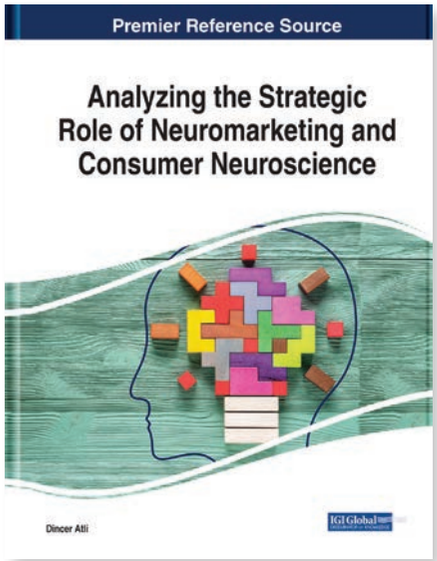

神经营销与消费者神经科学的战略地位剖析

Part of the Advances in Marketing, Customer Relationship Management, and E-Services Book Series

Prof. Dincer Atli (Uskudar University, Turkey)

Description:

Marketing research in modern business has developed to include more than just data analytics. Today, an emerging interest within scientific marketing researches is the movement away from consumer research toward the use of direct neuroscientific approaches called neuromarketing. For companies to be profitable, they need to utilize the neuromarketing approach to understand how consumers view products and react to marketing, both consciously and unconsciously.

Analyzing the Strategic Role of Neuromarketing and Consumer Neuroscience is a key reference source that provides relevant theoretical frameworks and the latest empirical research findings in the neuromarketing field. While highlighting topics such as advertising technologies, consumer behavior, and digital marketing, this publication explores cognitive practices and the methods of engaging customers on a neurological level. This book is ideally designed for marketers, advertisers, product developers, brand managers, consumer behavior analysts, consumer psychologists, managers, executives, behaviorists, business professionals, neuroscientists, academicians, and students.

ISBN: 9781799831266
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Pages: 304

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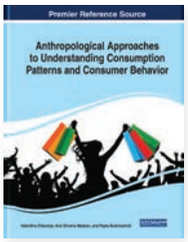

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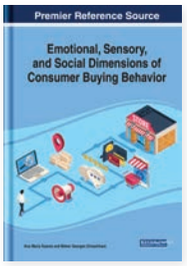

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旅游目的地居民和游客视角研究手册

Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Prof. Patrícia Pinto (Faculty of Economics and Research Centre for Tourism, Sustainability, and Well-Being (CinTurs), University of Algarve, Portugal), et al.

Description:

Tourism is an economic and social phenomenon that is centered on a tourist's experience and is dependent on the experiences that are co-created and provided to tourists. Tourism destination managers must understand what tourists perceive as engaging, intense, and memorable in order to remain successful. However, care must also be given to the residents' perception of local tourism development and how it impacts their community. This is a fundamental aspect for tourism development since host communities that support tourism development tend to be more hospitable with tourists, which influences their satisfaction and loyalty. Moreover, the interaction with residents of host communities is a crucial component of the quality of the tourist experience, contributing to the long-term success and sustainability of destinations.

The **Handbook of Research on Resident and Tourist Perspectives on Travel Destinations** is a collection of innovative research that examines travel destinations from the resident and tourist perspectives in order to better support and inform the tourism development process and to make the destinations attractive to visitors while at the same time contributing to resident quality of life and happiness. While highlighting topics including sustainable development, hotel management, and customer satisfaction, this book is ideally designed for government officials, tour developers, travel agencies, brand managers, advertising agencies, restaurateurs, public administrators, hotel managers, tourist industry professionals, academicians, researchers, and students.

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Pages: 529

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Hardcover: US $285.00
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Topics Covered:

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- Consumer Behavior
- Consumption Patterns
- Customer Satisfaction
- Gaming
- Global Business
- Hotel Management
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- Sustainable Development
- Working Conditions

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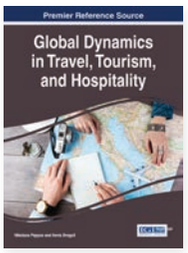

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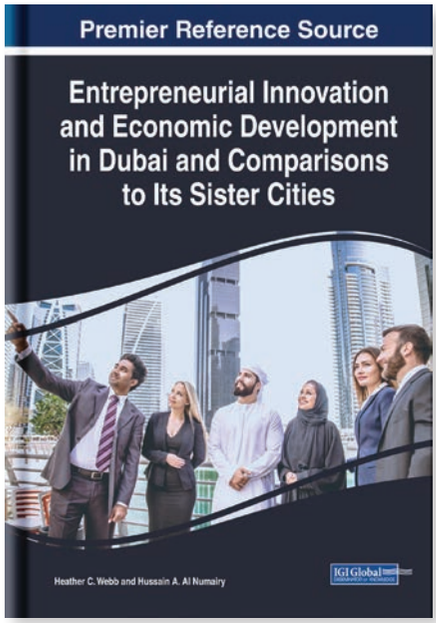

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Part of the Advances in Business Strategy and Competitive Advantage Book Series

Profs. Heather C. Webb (Dubai Men's College, UAE) and Hussain A. Al Numairy (Dubai Men's College, UAE)

Description:

Since the turn of the century, the world has been in pursuit of more established economic cities. Differences in governmental policy has pushed researchers to discover how the differing governments are implementing these changes and compare the process and structure to cities with an already established economy.

Entrepreneurial Innovation and Economic Development in Dubai and Comparisons to Its Sister Cities provides innovative insights on entrepreneurship opportunities in Dubai, the influence of foreigner start-ups and their strategy for development, and models of entrepreneurship and how they compare to other cities. The implications will be two-fold: (1) to examine the issues in entrepreneurial activity as well as what level innovation is being developed; (2) to explore the changes that need to be conducted at national or regional levels in regard to innovation and economic development. Highlighting a range of topics including global business, quality management, and cluster branding, this publication is intended for business professionals, executives, economists, government officials, students, researchers, and policymakers.

Topics Covered:

- Business Administration
- Cluster Branding
- Global Business
- Green Economy
- Knowledge Production
- Quality Culture
- Quality Management
- Risk Management
- Small and Medium Enterprises
- Sustainable Development

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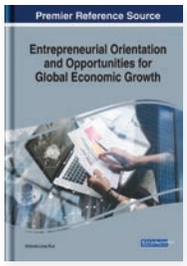

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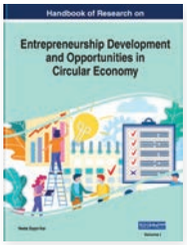

Handbook of Research on Entrepreneurship Development and Opportunities in Circular Economy
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员工关系与员工多元化的动态变化的关键议题

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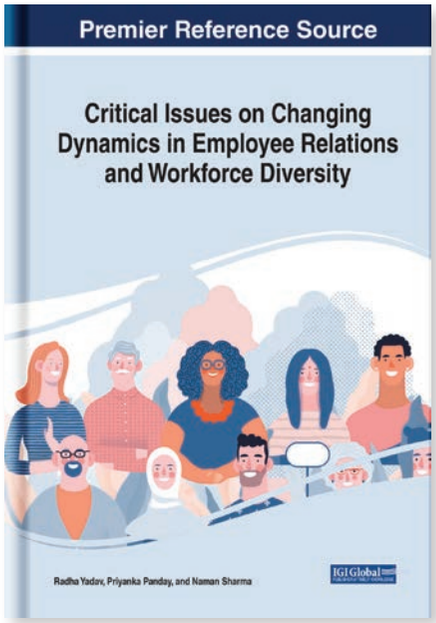
Profs. Radha Yadav (Chandigarh University, India), Priyanka Panday (DIT University, Dehradun, India), and Naman Sharma (Entrepreneurship Development Institute of India, Ahmedabad, India)



Description:

The past four decades have seen unprecedented social and economic changes that have demanded a transformation in existing employee relation practices. Shifts in demographics, gender diversity, and an increased mobility of the workforce across the board has changed the landscape in which organizations operate. Against this backdrop, attitudes towards work and careers have changed, leading to different expectations of the workplace. These and other contextual changes mean that existing strategies of employee relation may no longer be effective.

Critical Issues on Changing Dynamics in Employee Relations and Workforce Diversity is a collection of pioneering research that addresses the challenges and issues pertaining to the changing dynamics of employee relations and provides additional support to better deal with critical issues related to people management. While highlighting topics including employee engagement, workplace culture, and diversified workforce, this book is ideally designed for human resource managers, managers, executives, researchers, business professionals, academicians, and students seeking current studies on critical matters in employee relation techniques and practices.

Topics Covered:

- Competitive Environment
- Digital Workplace
- Diversified Workforce
- Electronic Monitoring
- Employee Engagement
- Employee Relationships
- M-Commerce
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- Social Media
- Workplace Culture

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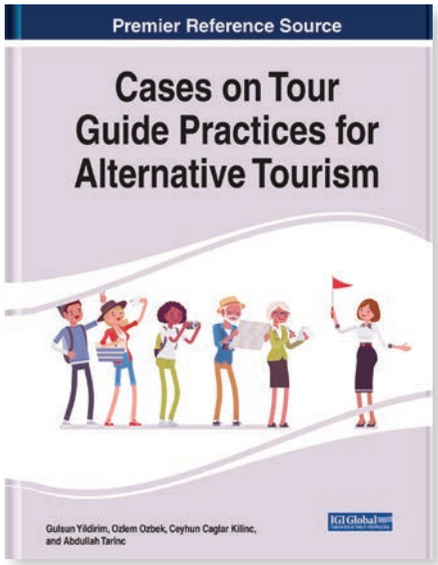

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Profs. Gulsun Yildirim (Recep Tayyip Erdogan University, Turkey), Ozlem Ozbek (Bandirma Onyedi Eylul University, Turkey), Ceyhun Caglar Kilinc (Akdeniz University, Turkey), and Abdullah Tarinc (Akdeniz University, Turkey)

Description:

Tour guides, a highly responsible group of professionals who are in direct communication with tourists traveling around the world, have a great impact on the proper promotion of the culture of countries, global peace, and tolerance. Additionally, they are also effective in the preservation of world natural heritage. Thus, the educational status of tour guides, as well as the characteristics and ethical values that they should possess, need to be examined on an international scale. In today's world, where tourism demand is directed towards all types of tourism, practices in special interest tourism should be customized in order to ensure the highest level of service quality and cultural appreciation.

Cases on Tour Guide Practices for Alternative Tourism provides emerging research exploring the theoretical and practical aspects of the occupational issues that surround tour guides and their applications within international tourism. Featuring coverage on a broad range of topics such as cultural education, specialized learning, and international business, this book is ideally designed for tour guides, travel agencies, tour managers, tour developers, heritage sites, museums, academicians, researchers, students, industry experts, and hospitality professionals.

Topics Covered:

- Branding
- Cultural Education
- Destination Marketing
- Gender Inequality
- International Business
- Local Communities
- Specialized Learning
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- Tourist Guidance

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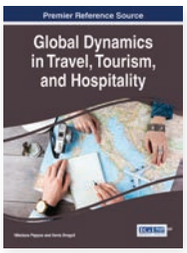

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合作经济中的企业可持续发展战略

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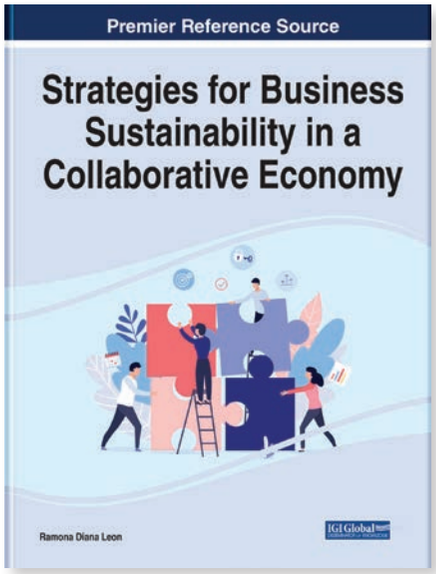
Prof. Ramona-Diana Leon (National School of Political and Administrative Studies, Romania)



Description:

Against the backdrop of globalization, digitalization, and the new entrance of Generation Z on the labor market, the economic environment has started to become more dynamic, complex, and uncertain. New management, marketing, and accounting tools and strategies are needed to improve a company's sustainability in the current collaborative economy.

Strategies for Business Sustainability in a Collaborative Economy is a collection of innovative research that focuses on organizational tools and practices that may foster a company's success in the new economic context, which is defined by the faster pace of technological progress and the entrance of Generation Z on the labor market. Thus, it analyzes how Generation Z transforms human resources policies and practices and how they change the concept of sustainability through their needs and expectations. Highlighting a wide range of topics including resource management, knowledge-based firms, and business models, this publication examines how business models evolve given the success recorded by newer companies. This book is ideally designed for entrepreneurs, executives, managers, economists, academicians, researchers, and students.

Topics Covered:

- Business Models
- Corporate Strategy
- Customer Relationship Management
- Emotional Intelligence
- Human Resources Management
- Knowledge Management
- Knowledge-Based Firms
- Marketing Strategies
- Organizational Tools
- Resource Management
- Strategic Management
- Sustainability

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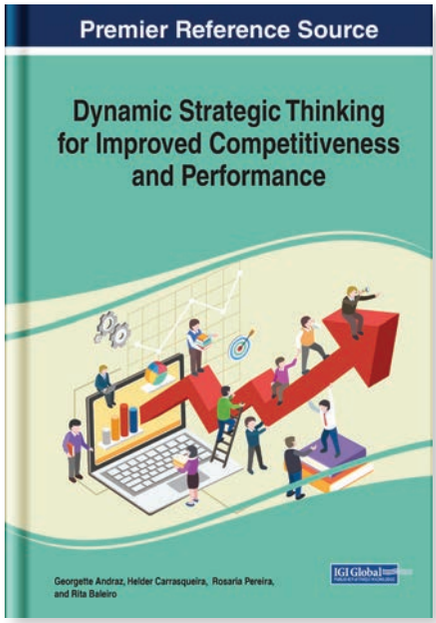

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Prof. Georgette Andraz (CEFAGE, University of Algarve, Portugal), et al.

Description:

Competition in today's global economy has become more complex due to the adoption of digitization and advanced methods of performance. Firms are compelled to adapt to new challenges that are altering the economic scope while maintaining a competitive edge. Empirical research is needed that highlights innovative and dynamic strategies that will allow corporations to maintain a level of sustainability and remain competitive in the global market.

Dynamic Strategic Thinking for Improved Competitiveness and Performance provides emerging research exploring the innovative methods organizations have implemented in order to improve their overall effectiveness. This book analyzes novel strategies companies are using to adjust and respond to modern challenges including globalization and digitization. Featuring coverage on a broad range of topics such as digital business, social media, and human capital, this book is ideally designed for researchers, policymakers, managers, practitioners, executives, government officials, students, and academicians seeking research on modern strategic performance methods for improving corporate sustainability and competitiveness.

Topics Covered:

- Competitive Advantage
- Corporate Governance
- Corporate Sustainability
- Digital Business
- Financial Performance
- Firm Performance
- Human Capital
- Inter-Organizational Networks
- Social Media
- Strategic Assets

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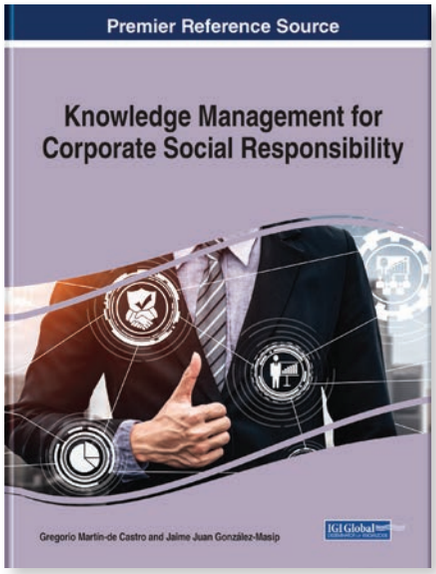

Description:

In a changing and complex environment currently facing the main challenges of sustainable development, effective management of knowledge, intellectual assets, organizational learning, and talent management are the basis for social innovation and new ways of competition. In this sense, management and business practice are incorporating social and environmental demands made by all types of stakeholders to improve business decisions and strategies.

Knowledge Management for Corporate Social Responsibility provides research exploring the theoretical and practical aspects of linking firm profitability, social development, and natural environment in respect to business management practices. Featuring coverage on a broad range of topics such as employer branding, intellectual capital, and organizational performance, this book is ideally designed for business professionals, small business owners, entrepreneurs, academicians, researchers, and business students.

Topics Covered:

- Employer Branding
- Entrepreneurship
- Ethical Business
- Human Capital
- Intellectual Capital
- Knowledge Sharing
- Organizational Performance
- Social Entrepreneurship
- Strategic Management
- Value Creation

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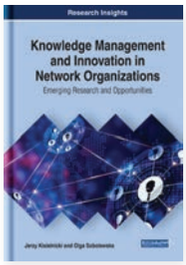

Knowledge Management and Innovation in Network Organizations: Emerging Research and Opportunities
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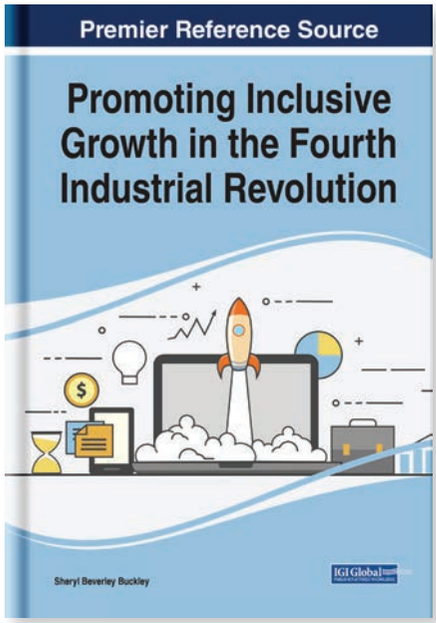

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Prof. Sheryl Beverley Buckley (University of South Africa, South Africa)

Description:

The Fourth Industrial Revolution revolves around cyber-physical systems and artificial intelligence. Little is certain about this new wave of innovation, which leaves industrialists and educators in the lurch without much guidance on adapting to this new digital landscape. Society must become more agile and place a higher emphasis on lifelong learning to master new technologies in order to stay ahead of the changes and overcome challenges to become more globally competitive.

Promoting Inclusive Growth in the Fourth Industrial Revolution is a collection of innovative research that focuses on the role of formal education in preparing students for uncertain futures and for societies that are changing at great speed in terms of their abilities to drive job creation, economic growth, and prosperity for millions in the future. Featuring coverage on a broad range of topics including economics, higher education, and safety and regulation, this book is ideally designed for teachers, managers, entrepreneurs, economists, policymakers, academicians, researchers, students, and professionals in the fields of human resources, organizational design, learning design, information technology, and e-learning.

Topics Covered:

- Competitiveness
- Digital Start-Ups
- Economics
- Efficiency
- Entrepreneurship
- Higher Education
- Inequality Reduction
- Materials Science
- Policy and Legislation
- Poverty
- Safety and Regulation
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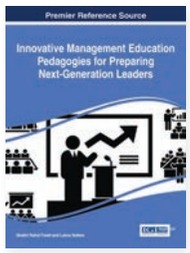

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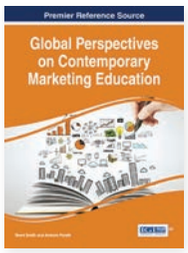

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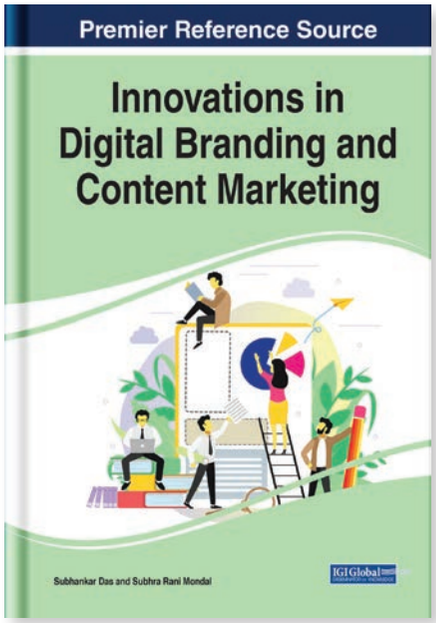

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Description:

In today's technology-driven economy, organizations are attempting to create a digital identity of their brand in order to remain prevalent among consumers. As today's consumers are spending an increased amount of time on digital platforms, maintaining a presence online is crucial for companies to remain successful and relevant. Due to this necessity, there have been significant advancements made in the field of digital marketing and branding.

Innovations in Digital Branding and Content Marketing is a collection of innovative research on the methods and advancements in the field of advertising and marketing using digital technologies. While highlighting topics including gamification, typography, and consumer-generated media, this book is ideally designed for advertisers, marketers, brand managers, PR professionals, content specialists, researchers, practitioners, executives, students, and academicians seeking current research on advanced strategies and developments in digital marketing.

Topics Covered:

- Campaign Planning
- Consumer-Generated Media
- Corporate Identity
- DIY Advertising
- Dynamic Content Creation
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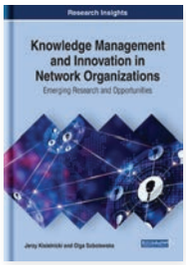

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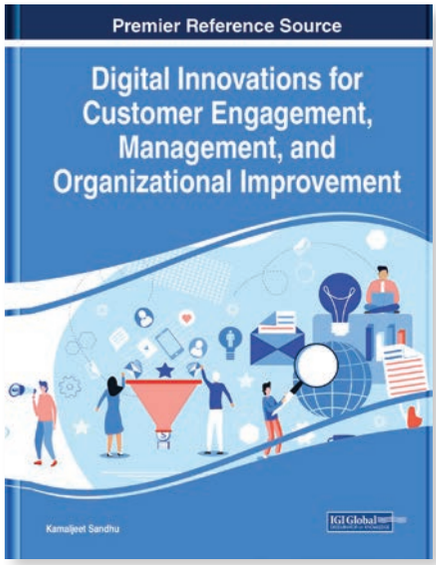

数字创新促进客户参与、管理和组织改进

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Kamaljeet Sandhu (University of New England, Australia)

Description:

Over the past several years, digital technologies have reestablished the ways in which corporations operate. On one hand, technology has allowed companies to build a stronger knowledge of its customer base, contributing to better consumer engagement strategies. On the other hand, these technologies have also integrated into the management and daily operations of companies, resulting in increased performance and organizational improvement. Remaining up to date with the implementation of these cutting-edge technologies is key to a company's continued success.

Digital Innovations for Customer Engagement, Management, and Organizational Improvement is an essential reference source that discusses and strategizes the latest technologies and innovations and their integration, implementation, and use in businesses, as well as lifelong learning strategies in a digital environment. Featuring research on topics such as consumer engagement, e-commerce, and learning management systems, this book is ideally designed for managers, business executives, marketers, consumer analysts, IT consultants, industry professionals, academicians, researchers, and students.

ISBN: 9781799851714
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Pages: 278

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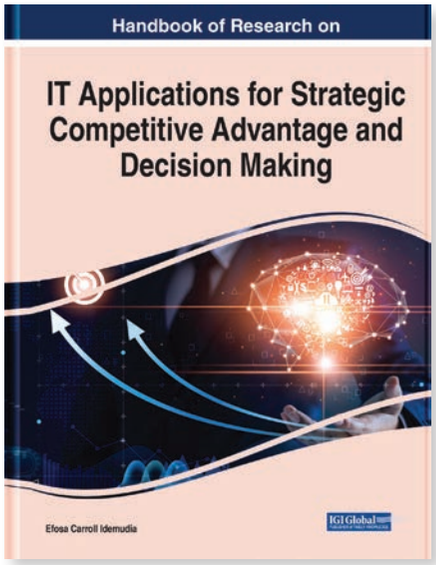

Description:

To date, a plethora of companies and organizations are investing vast amounts of money on the latest technologies. Information technology can be used to improve market share, profits, sales, competitive advantage, and customer/employee satisfaction. Unfortunately, the individuals meant to use these technologies are not well equipped on how to effectively and efficiently use these tools for competitive advantage and decision making.

The **Handbook of Research on IT Applications for Strategic Competitive Advantage and Decision Making** is a collection of innovative research relevant to the methodologies, theoretical frameworks, and latest empirical research findings in information technology applications, strategic competitive advantage, and decision making. While highlighting topics including agility, knowledge management, and business intelligence, this book is ideally designed for information technology professionals, academics, researchers, managers, executives, and government officials interested in using information technology for strategic competitive advantage and better decision making.

Topics Covered:

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- Artificial Intelligence
- Big Data
- Business Analytics
- Business Intelligence
- Cloud Computing
- Database Processing
- Datamining
- E-Commerce
- Information Systems
- Knowledge Management
- Strategic Decision Making

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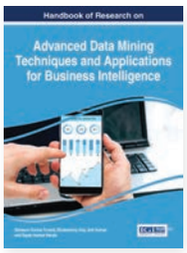

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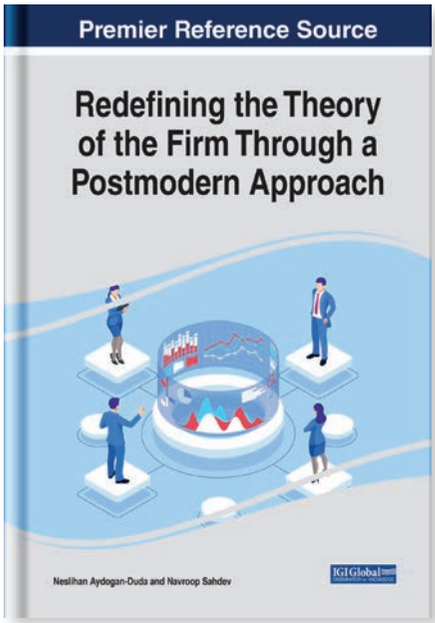

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Prof. Neslihan Aydogan-Duda (UC Berkeley Extension, USA)

Description:

We are in the middle of a technological revolution where digital technology is reshaping every industry. It is allowing us to reconceptualize our approaches to economics and organizational development. However, implementing these tools without a full understanding of how firms have changed within this new context can lead to mismanagement and lost profits.

Revolutionizing Institutional Theory Through Stakeholder Capitalism is a pivotal reference source that focuses on building a new understanding of economic exchange propelled by digital innovation. Featuring coverage on a broad range of topics including resource allocation, micro-economic theory, and digital security, this publication discusses the adoption of digital tools in the postmodern marketplace. This book is ideally designed for executives, economists, entrepreneurs, software developers, engineers, policymakers, researchers, academicians, and students.

Topics Covered:

- Anti-Trust
- Asymmetric Information
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- Digital Security
- Digital Technologies
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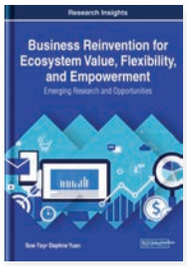

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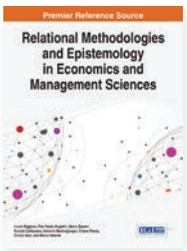

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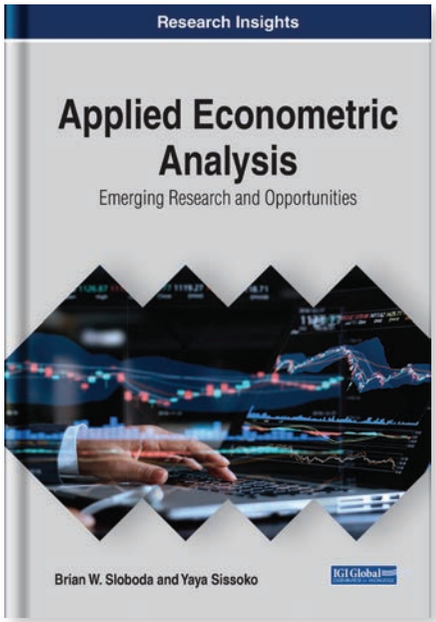

Description:

Professionals are constantly searching for competitive solutions to help determine current and future economic tendencies. Econometrics uses statistical methods and real-world data to predict and establish specific trends within business and finance. This analytical method sustains limitless potential, but the necessary research for professionals to understand and implement this approach is lacking.

Applied Econometric Analysis: Emerging Research and Opportunities explores the theoretical and practical aspects of detailed econometric theories and applications within economics, political science, public policy, business, and finance. Featuring coverage on a broad range of topics such as cointegration, machine learning, and time series analysis, this book is ideally designed for economists, policymakers, financial analysts, marketers, researchers, academicians, and graduate students seeking research on the various techniques of econometric concepts.

Topics Covered:

- Cointegration
- Cross-Sectional Regression
- Dynamic Factor Models
- Limited Dependent Variables
- Machine Learning
- Microeconomics
- Panel Regressions
- Program Evaluation
- Time Series Analysis
- Vector Models

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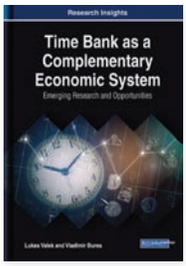

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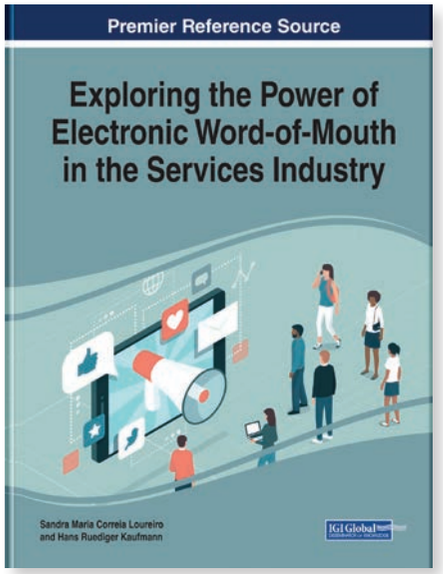

服务业电子化口碑影响力探究

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Profs. Sandra Maria Correia Loureiro (Instituto Universitário de Lisboa, Portugal) and Hans Ruediger Kaufmann (University of Applied Management Studies, Germany)

Description:

User opinions about service experiences have been extensively acknowledged to play a key role in influencing the consumption decisions of other customers. The widespread adoption of internet technologies has amplified enormously the volume and the potential impact of such customer-generated content in the form of electronic word-of-mouth (eWOM).

Exploring the Power of Electronic Word-of-Mouth in the Services Industry is an essential research book that explores the importance of consumer perception and the influence of word-of-mouth in the digital world. Featuring a range of topics such as data mining, online engagement, and social media, this book is ideal for academicians, researchers, IT developers, marketers, managers, media specialists, and professionals.

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Topics Covered:

- Brand Personalities
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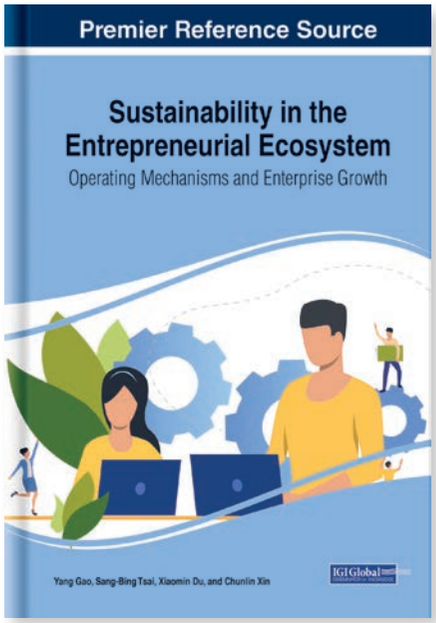
Prof. Yang Gao (Dalian University of Technology, China), et al.



Description:

The construction of a sustainable entrepreneurial ecosystem is critical for every country in the world, with Silicon Valley an example of a successful entrepreneurial ecosystem that determines the level of national innovation capability and sustainable global competitiveness for the United States. However, at present, the research on entrepreneurial ecosystems in academia is still in its primary stage with few scholars studying the characteristics, composition, and sustainability of the ecosystem.

Sustainability in the Entrepreneurial Ecosystem: Operating Mechanisms and Enterprise Growth is a collection of innovative research that systematically explores the operation mechanism of sustainable entrepreneurship ecosystem from macro and micro aspects so as to provide value for promoting economic vitality and regional economic development. Covering a broad range of topics including sustainability, economic development, and stakeholder management, this book is ideally designed for entrepreneurs, managers, investors, analysts, academicians, researchers, and students.

Topics Covered:

- Economic Development
- Economic Vitality
- Entrepreneurial Ecosystem
- Entrepreneurship
- Green Performance
- Operational Mechanisms
- Silicon Valley
- Stakeholder Management
- Sustainability
- Sustainable Growth
- System Performance

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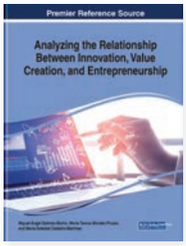

Analyzing the Relationship Between Innovation, Value Creation, and Entrepreneurship
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Profs. Luís Farinha (Polytechnic Institute of Castelo Branco, Portugal & NECE, University of Beira Interior, Portugal) and Daniel Raposo (Polytechnic Institute of Castelo Branco, Portugal & RETHINK Research Group on Design for the Territory, CIAUD, Portugal)

Description:

Industry and academia should capture significant value through adopting design-led innovation to improve opportunities for success. Skills and capabilities should serve as a basis for adopting new breakthroughs in design-driven innovation. The development of an infrastructure and centers of excellence with the capacity to respond to new market needs, combined with enhanced networking capabilities, will allow companies to be more innovative and competitive.

The **Handbook of Research on Driving Industrial Competitiveness With Innovative Design Principles** is an essential publication that focuses on the relationship between innovation and competitiveness in business. Featuring coverage on a broad range of topics including open innovation, business incubators, and competitiveness dynamics, this book is ideally designed for entrepreneurs, government officials, executives, managers, investors, policymakers, researchers, academicians, and students interested in furthering their knowledge of pertinent topics on product design and commercialization, new models for academia-industry partnerships, and regional entrepreneurial ecosystems based on design principles.

Topics Covered:

- Academic Entrepreneurship
- Business Incubators
- Competitiveness Dynamics
- Competitiveness Networks
- E-Business
- Innovation Management
- Networking
- Open Innovation
- Regional Dynamics
- SMEs
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Related Books

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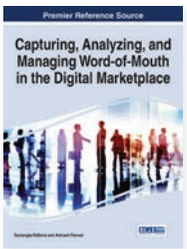

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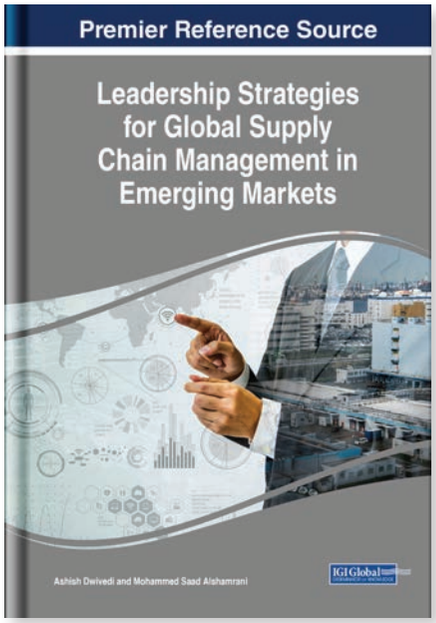

Description:

In recent decades, the rapid expansion of trade and investment among developing countries has resulted in a scenario wherein firms from developing countries account for an increasing share of capital, goods, and wealth in the global economy. Industry leaders from developing countries have observed that firms in developing countries need to identify and develop key supply chain capabilities in order to succeed in emerging markets. It is argued that customers in emerging markets are likely to have different needs and supply chain expectations as compared to customers in developed economies. Reaching into these emerging markets, understanding the customer diversity, and translating it into effective segmentation schemes are critical for the efficient design of supply chain operations.

Leadership Strategies for Global Supply Chain Management in Emerging Markets is a pivotal reference source that provides vital research on creating efficient supply chain operations in emerging markets. While highlighting topics such as consumer behavior, global operations, and information transparency, this publication investigates the needs of consumers in emerging markets as well as the methods of designing effective operations. This book is ideally designed for supply chain managers, logistics managers, operations and warehousing professionals, industry practitioners, academicians, students, and researchers.

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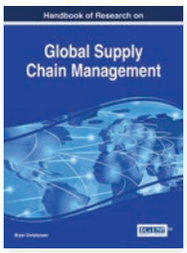

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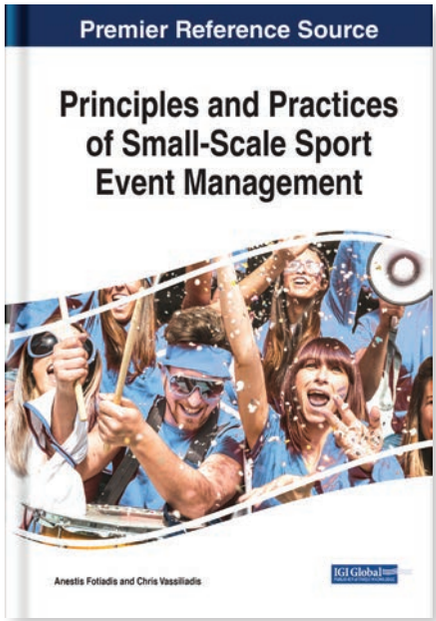

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Profs. Anestis Fotiadis (Zayed University, UAE) and Chris Vassiliadis (University of Macedonia, Greece)

Description:

Although there is significant research on large events that take place within athletics, small-scale events are largely ignored, in part due to the lack of press that they generate. However, these events require planning and preparation in the same way that larger sporting events do. This disparity between the effort that goes into the event and the attention the event draws allows for a gap in strategy or information available to those planning smaller scale athletic events.

Principles and Practices of Small-Scale Sport Event Management is a cutting-edge reference publication that examines the successful organization and planning of small-scale sporting events. Featuring a wide range of topics such as community engagement, event planning, and sports management, this book is ideal for event planners, sports managers, marketers, academicians, practitioners, industry professionals, researchers, event organizers/coordinators, and students.

Topics Covered:

- Behavior
- Community Engagement
- Data Analysis
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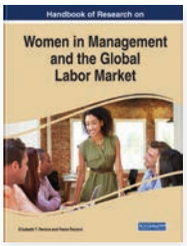

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Description:

A fundamental process for a company to achieve stable growth levels over time in a highly competitive economy is the ability to improve, adapt, and overcome a variety of challenges, whether they be internally or externally based. Therefore, being capable of understanding how any operational changes or improvements impact consumers must likewise be taken into consideration.

Entrepreneurial Innovation for Securing Long-Term Growth in a Short-Term Economy is a collection of innovative research on the methods and applications of corporate decision making on the overall success of a company in the long term. While highlighting topics including organizational values, trust management, and social entrepreneurship, this book is ideally designed for entrepreneurs, executives, business consultants, researchers, industry professionals, and students who want to improve their understanding of the strategic role of entrepreneurial innovation at different levels defined by globalized markets inserted into the information and knowledge society.

Topics Covered:

- Administrative Practices
- Digital Economy
- Economic Growth
- Generational Workforce
- Management Science
- Organizational Values
- Personal Relations
- Social Entrepreneurship
- Trust Management

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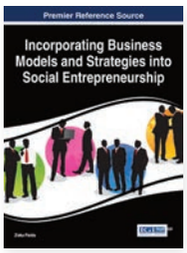

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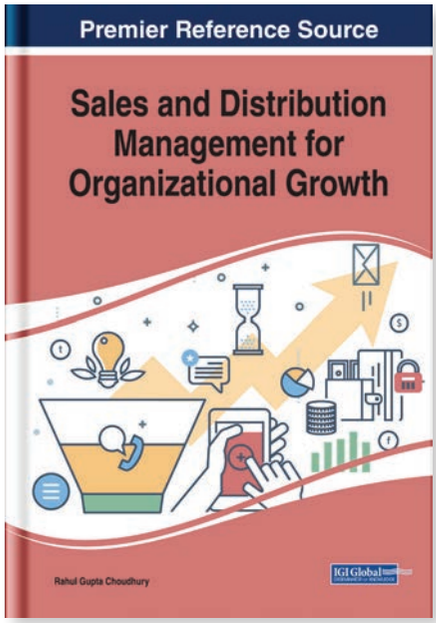
Entrepreneurship: Concepts, Methodologies, Tools, and Applications (4 Vols.)
© 2017; 2,128 pp.



适合组织发展的销售与分销管理

Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Rahul Gupta Choudhury (International Management Institute, India)

ISBN: 9781522599814
Release Date: August, 2019
Copyright: 2020
Pages: 323

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Description:

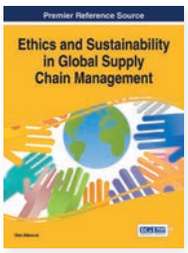
Supplying a product to the most customers possible in an effective and cost-efficient way is the primary goal of the sales and distribution sector of a business, since the profits from sales are responsible for the majority of an organization's revenue. However, with countless brands vying for the customers' attention, the ability to create a demand for a product and subsequently supply that demand is often the key to a business's success. There is a need for studies that seek to understand the complementary roles of an organization's sales force and distribution team to ensure relevancy in today's globalized world.

Sales and Distribution Management for Organizational Growth is a pivotal reference source that provides vital research on the organization of sales and the sales force, their geographic deployment, and distribution and channel management including how to develop customer-oriented distribution systems. While highlighting topics including expense control, personnel training, and channel design, this book is ideally designed for business students, marketing professionals, executive members, finance analysts, operations employees, academicians, industry professionals, researchers, and students seeking current research on implementing sales strategy and distribution systems to maximize profits and remain a marketplace competitor.

Topics Covered:

- Channel Design
- Department Coordination
- Expense Control
- Forecasting
- Marketing Strategy
- Performance Evaluation
- Personnel Training
- Recruitment
- Retailing
- Supply Chain Management

Related Books



Ethics and Sustainability in Global Supply Chain Management
© 2017; 350 pp.

Supply Chain Management Strategies and Risk Assessment in Retail Environments
© 2018; 351 pp.

跨媒体叙事、受众参与和商业策略研究手册

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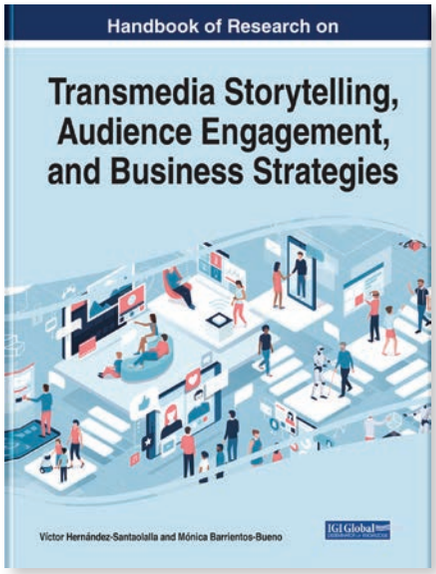

Description:

As media evolves with technological improvement, communication changes alongside it. In particular, storytelling and narrative structure have adapted to the new digital landscape, allowing creators to weave immersive and enticing experiences that captivate viewers. These experiences have great potential in marketing and advertising, but the medium's methods are so young that their potential and effectiveness is not yet fully unders

The **Handbook of Research on Transmedia Storytelling, Audience Engagement, and Business Strategies** is a collection of innovative research that explores transmedia storytelling and digital marketing strategies in relation to audience engagement. Highlighting a wide range of topics including promotion strategies, business models, and prosumers and influencers, this book is ideally designed for digital creators, advertisers, marketers, consumer analysts, media professionals, entrepreneurs, managers, executives, researchers, academicians, and students.

ISBN: 9781799831198
Release Date: April, 2020
Copyright: 2020
Pages: 457

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Augmented Reality
- Business Models
- Digital Marketing
- Digital Narrative
- Hybridization
- Online Advertising
- Online Engagement
- Promotion Strategies
- Prosumers and Influencers
- Second Screen Content
- Social Media
- Transmedia Advertising
- Video Game Narratives

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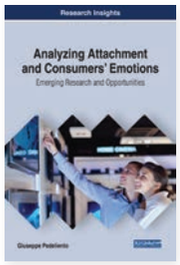
© 2017; 222 pp.



Analyzing Attachment and Consumers' Emotions: Emerging Research and Opportunities
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活动管理面临的法律、安全和环境挑战：新兴研究和机遇

Part of the Advances in Logistics, Operations, and Management Science Book Series

Profs. Vipin Nadda (University of Sunderland, London, UK), Ian Arnott (University of Westminster, London, UK), and Wendy Sealy (University of Chichester, UK)

Description:

Every corporate or special event requires a governing entity to provide proper handling for any kind of situation. A proper understanding of various laws and legislation may not only help with identifying possible challenges, but it may also assist in mitigating situations when they do occur.

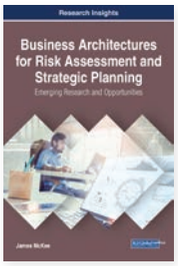
Legal, Safety, and Environmental Challenges for Event Management: Emerging Research and Opportunities is an essential reference source that provides an in-depth understanding of various dimensions of events management practice, legal issues, and risk management, which can include environmental legislation and impacts, health and safety frameworks, consumer laws, licensing, contracts, and legal technologies. Featuring coverage on a broad range of topics such as crowd management, workplace hazards, and emergency preparedness, this book is ideally designed for event planners, event organizers/coordinators, security staff, managers, marketers, researchers, academicians, students, and industry professionals seeking current research on events, tourism, hospitality, and leisure management.

Topics Covered:

- Contract Negotiation
- Crowd Management
- Emergency Preparedness
- Event Organization
- Health Management
- Risk Assessment
- Sustainable Development
- Terrorism
- Training Procedures
- Workplace Hazards

Related Books

Risk and Contingency Management: Breakthroughs in Research and Practice
© 2018; 472 pp.

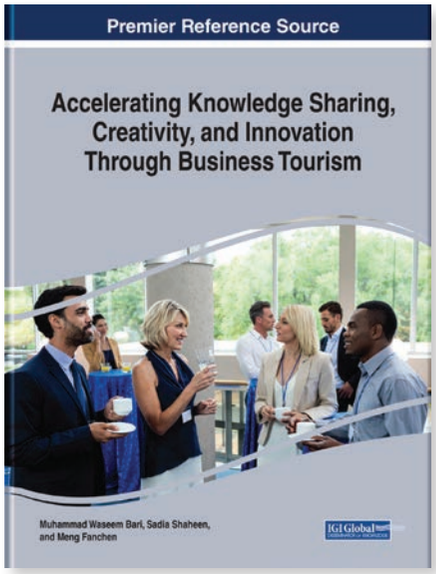


Business Architectures for Risk Assessment and Strategic Planning: Emerging Research and Opportunities
© 2018; 118 pp.

通过商务旅游促进知识共享、创新和改革

Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Muhammad Waseem Bari (Government College University, Faisalabad, Pakistan), Sadia Shaheen (Government College University, Faisalabad, Pakistan), and Meng Fanchen (Beijing Institute of Technology, China)



Description:

Business tourism is a newly coined terminology in social sciences and management literature. It is defined as individuals traveling and staying outside of their hometowns for not more than one successive year for the purpose of enjoyment and other drives (e.g., learning and business activities). Key business tourism activities include attending a variety of meetings, conferences, and workshops as well as exhibitions. Understanding the negative and positive aspects of business tourism is essential to promoting employee learning and knowledge transfer skills.

Accelerating Knowledge Sharing, Creativity, and Innovation Through Business Tourism is an essential reference source that discusses how differences in cultures, communities, rituals, norms, and scope of business tourism could influence knowledge sharing practices. Moreover, this book promotes an understanding on how to learn from different cultures and enhance absorptive capacity by interacting with different personalities and cultures. Featuring research on topics such as knowledge management, social capital, and consumer behavior, this book is ideally designed for business professionals, managers, administrators, hotel executives, IT specialists, executives, entrepreneurs, managing directors, and students looking to boost their existing skills and expertise with innovation and creativity by interacting with others and in a new context.

Topics Covered:

- Consumer Behavior
- Developing Countries
- E-Tourism
- Hospitality Industry
- Knowledge Management
- Leadership Management
- Promotion Strategies
- Religious Tourism
- Social Capital
- Social Networking

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Pages: 351

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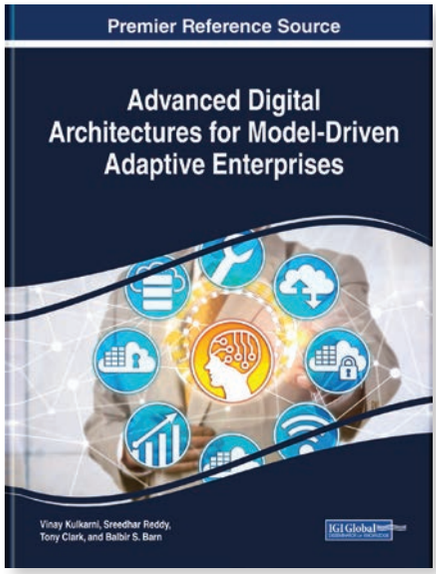

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Pages: 364

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Part of the Advances in E-Business Research Book Series

Profs. Vinay Kulkarni (TCS Research, Tata Consultancy Services, India), Sreedhar Reddy (TCS Research, Tata Consultancy Services, India), Tony Clark (Aston University, Birmingham, UK), and Balbir S. Barn (Middlesex University, London, UK)

Description:

The five digital forces (mobility and pervasive computing, cloud, big data, artificial intelligence and robotics, and social media) are poised to bring great academic and industrial breakthroughs. All stakeholders want to understand how to best harness these forces to their advantage. While literature exists for understanding each force independently, there is a lack of knowledge on how to utilize all the forces together to realize future enterprises.

Advanced Digital Architectures for Model-Driven Adaptive Enterprises is an essential reference source that explores the potential in unifying the five digital forces to achieve increased levels of agility, efficiency, and scale. Featuring coverage on a wide range of topics including socio-technical systems, adaptive architectures, and enterprise modeling, this book is ideally designed for managers, executives, programmers, designers, computer engineers, entrepreneurs, tool builders, digital practitioners, researchers, academicians, ands students at the graduate level.

Topics Covered:

- Adaptive Architectures
- Adoption Issues
- Complex Systems of Systems
- Digital Enterprise
- Digital Thread
- Digital Twin
- Enterprise Decision Making
- Enterprise Modeling
- Entrepreneurship
- Investing
- Security and Privacy
- Socio-Technical Systems

Related Books

The Internet of Things in the Modern Business Environment
© 2017; 340 pp.

Key Challenges and Opportunities in Web Entrepreneurship
© 2017; 291 pp.

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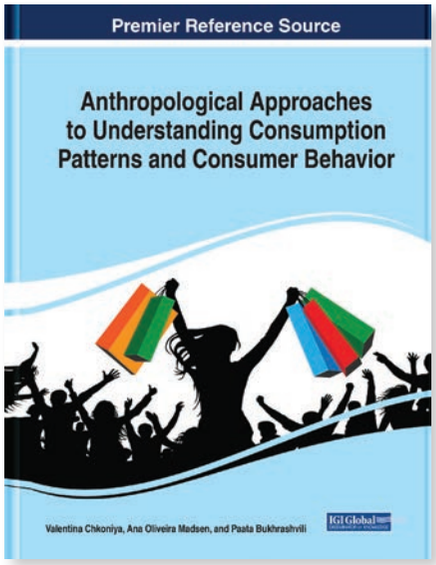

Description:

Anthropology is a science specialized in the study of the past and present of societies, especially the study of humans and human behavior. The disciplines of anthropology and consumer research have long been separated; however, it is now believed that joining them will lead to a more profound knowledge and understanding of consumer behaviors and will lead to further understanding and predictions for the future.

Anthropological Approaches to Understanding Consumption Patterns and Consumer Behavior is a cutting-edge research publication that examines an anthropological approach to the study of the consumer and as a key role to the development of societies. The book also provides a range of marketing possibilities that can be developed from this approach such as understanding the evolution of consumer behavior, delivering truly personalized customer experiences, and potentially creating new products, brands, and services. Featuring a wide range of topics such as artificial intelligence, food consumption, and neuromarketing, this book is ideal for marketers, advertisers, brand managers, consumer behavior analysts, managing directors, consumer psychologists, academicians, social anthropologists, entrepreneurs, researchers, and students.

ISBN: 9781799831150
Release Date: April, 2020
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Pages: 546

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Topics Covered:

- Anthropology
- Artificial Intelligence
- Automotive Industry
- Consumer Behavior
- Ethnography
- Food Consumption
- Luxury Goods
- Marketing
- Neuromarketing
- Supply Chain
- Trends Studies

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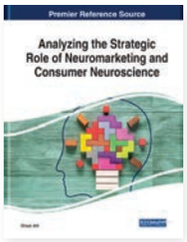
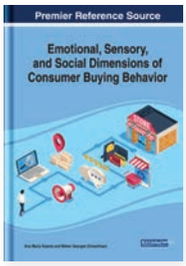


Analyzing the Strategic Role of Neuromarketing and Consumer Neuroscience
© 2020; 304 pp.



Emotional, Sensory, and Social Dimensions of Consumer Buying Behavior
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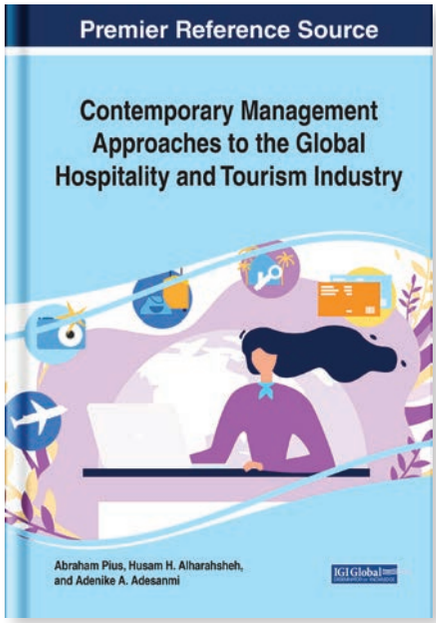

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旅游和酒店业的当代管理方法

Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Abraham Pius (Arden University, UK), Husam H. Alharahsheh (University of Wales Trinity Saint David, UK), and Adenike A. Adesanmi (University of East London, UK)

Description:

The hospitality, travel, and tourism industries play a major role in citizen wellbeing, socio-cultural integration, and the economic advancement of a nation. The industries are increasingly complex in operation, demanding excellence across a far-reaching and diverse set of capabilities and changes in management practices across the board. With growing expectations for a better service quality from the users and endless calls for value-added service, managers are under constant pressure to improve their services across all aspects while growing customer numbers to meet various stakeholder expectations.

Contemporary Management Approaches to the Global Hospitality and Tourism Industry is a key reference source that provides crucial knowledge on the application of new management practices and trends in the tourism industry. While highlighting topics such as service quality, culture sensitivity, and brand marketing, this publication explores the influence of globalization and the methods of sustainable business practices. This book is ideally designed for managers, hotel directors, restaurateurs, researchers, industry professionals, professors, and students seeking cutting-edge hospitality and tourism management strategies.

Topics Covered:

- Brand Marketing
- Corporate Culture
- Culture Sensitivity
- Economic Growth
- Global Business
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- Risk Management
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- Service Quality
- Sustainable Tourism

Related Books

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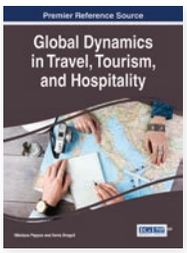

Global Dynamics in Travel, Tourism, and Hospitality
© 2016; 372 pp.

建设创业型和可持续性社会

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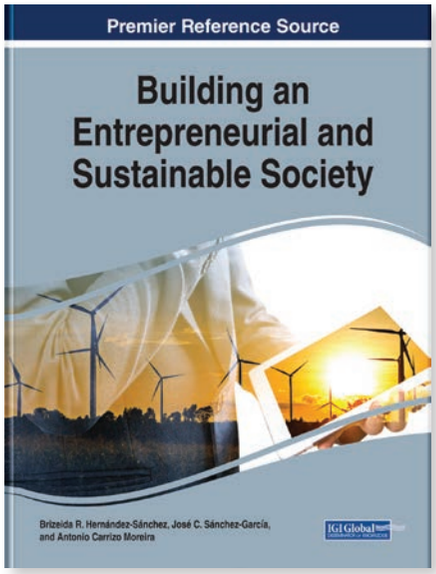

Description:

As the global economy continues to evolve, the idea of sustainability has become a prevalent area of concentration. Businesses are searching for more environmentally and socially conscious practices as the market distances itself from the industrial age. Implementing sustainable initiatives starts with entrepreneurs, as these individuals are the foundation for creating and building profitable societies. Understanding the practice of sustainable entrepreneurship is pivotal in predicting future trends in business and the economy.

Building an Entrepreneurial and Sustainable Society provides emerging research exploring the theoretical and practical aspects of sustainability within entrepreneurship and its applications in modern socioeconomics. Featuring coverage on a broad range of topics such as public policies, internationalization, and social innovation, this book is ideally designed for entrepreneurs, business specialists, professionals, researchers, managers, economists, educators, scholars, and students seeking current research on the evolution of sustainable entrepreneurship and its contextual factors.

Topics Covered:

- Cognitive Skills
- Economic Challenges
- Internationalization
- Public Policies
- Social Innovation
- Societal Values
- Socioeconomic Impacts
- Sustainable Creativity
- Sustainable Entrepreneurship
- Triple-Bottom Line

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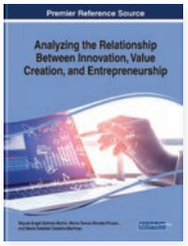

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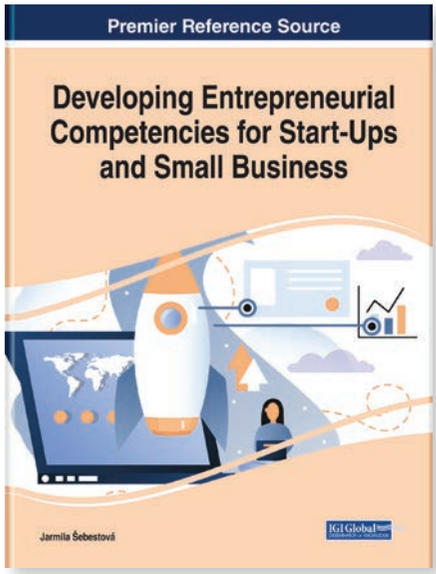

为初创企业和小型企业培养创业能力

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Jarmila Šebestová (Silesian University in Opava, Czech Republic)

Description:

Business competencies are very complex, and entrepreneurs' beliefs, actions, and aspirations for their businesses are widely influenced by their sense of values and beliefs. This influences the actions they take, especially in challenging situations. Successful entrepreneurs can accept challenges, learn to make responsible choices, and make sure to weigh all possible outcomes.

Developing Entrepreneurial Competencies for Start-Ups and Small Business is an assortment of innovative research on the methods and applications of strategic models for entrepreneurship competency. While highlighting topics including intellectual capital, risk management, and entrepreneurship education, this book is ideally designed for entrepreneurs, business executives, industry professionals, academicians, students, and researchers seeking to reduce the level of failure of entrepreneurial activity within the global business community.

ISBN: 9781799827146
Release Date: March, 2020
Copyright: 2020
Pages: 316

Pricing:

Hardcover: US $225.00
Softcover: US $170.00
E-Book: US $225.00

Topics Covered:

- Economic Literacy
- Entrepreneurship Education
- Global Business
- Intellectual Capital
- International Market
- Knowledge Management
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- Unstable Business Environment

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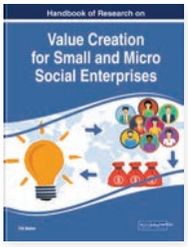

Handbook of Research on Value Creation for Small and Micro Social Enterprises
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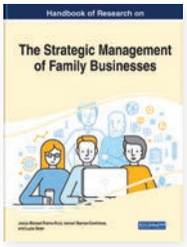

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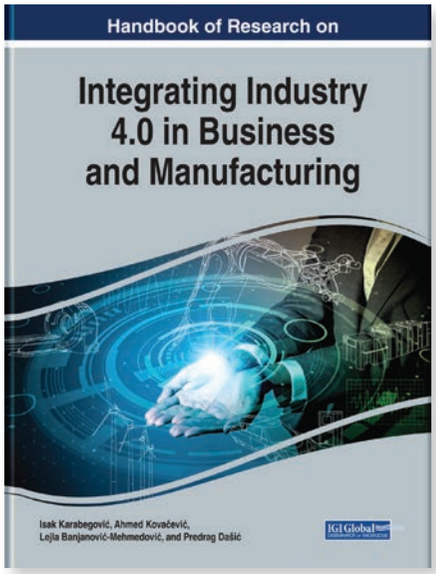

Description:

In Industry 4.0, industrial productions are adjusted to complete smart automation, which means introducing self-automation methods, self-configuration, self-diagnosis of problems and removal, cognition, and intelligent decision making. This implementation of Industry 4.0 brings about a change in business paradigms and production models, and this will be reflected at all levels of the production process including supply chains and will involve all workers in the production process from managers to cyber-physical systems designers and customers as end-users.

The **Handbook of Research on Integrating Industry 4.0 in Business and Manufacturing** is an essential reference source that explores the development and integration of Industry 4.0 by examining changes and innovations to manufacturing processes as well as its applications in different industrial areas. Featuring coverage on a wide range of topics such as cyber physical systems, integration criteria, and artificial intelligence, this book is ideally designed for mechanical engineers, electrical engineers, manufacturers, supply chain managers, logistics specialists, investors, managers, policymakers, production scientists, researchers, academicians, and students at the postgraduate level.

Topics Covered:

- Additive Technologies
- Artificial Intelligence
- Big Data
- Business Models
- Cyber Physical Systems
- Cyber Security
- Digital Competency
- Education
- Industry 4.0
- Integration Criteria
- Smart Factories

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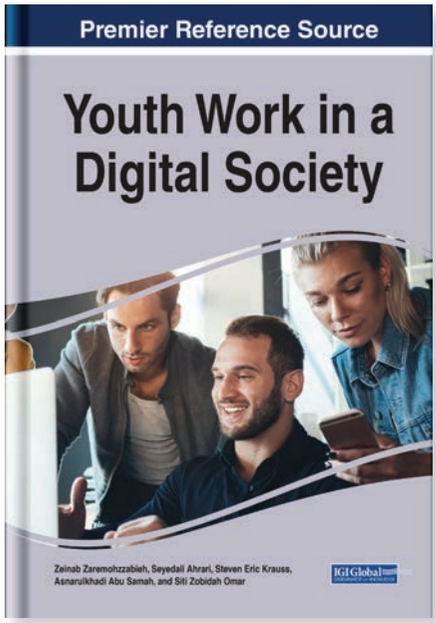

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Description:

The integration of digital technologies into practice presents opportunities and challenges for the field of youth work. Digitalization procedures transform interactions with users, in addition to their needs. These also transform the organizations where youth workers are involved in professional practice. Adapting digital technological tools is a crucial challenge for the youth work profession.

Youth Work in a Digital Society is an essential scholarly publication that explores how to overcome any challenges and issues facing youth development work in the digital age and to what extent modern digital technologies can contribute to empowering youth work practice. Featuring a wide range of topics such as digital inclusion, mobile technologies, and social media, this book is ideal for executives, managers, researchers, professionals, academicians, policymakers, practitioners, and students.

Topics Covered:

- Digital Inclusion
- Digital Social Innovation
- Digital Technology
- E-Youth Work
- Human Capital Support
- Mobile Technologies
- Program Evaluation
- Social Media
- Youth Advocacy
- Youth Work

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Description:

Modern marketing practices have evolved to become a dynamic meeting point for technology practitioners and business professionals. Digital technologies have added a new paradigm to the way businesses are projected, communicated, and developed through their marketing activities, from message delivery to content production.

Digital Marketing Strategies and Models for Competitive Business is a collection of innovative research that seeks to connect theory with application, identifying best practices over digital marketing to business purposes. While highlighting topics including consumer analysis, search engine marketing, and marketing communications, this book is ideally designed for marketers, managers, executives, advertisers, graphic designers, researchers, practitioners, entrepreneurs, policymakers, and educators.

Topics Covered:

- Branding
- Consumer Analysis
- Customer Behavior
- Digital Technologies
- E-Commerce
- International Business
- Marketing Communications
- Networking
- Search Engine Marketing
- Social Media

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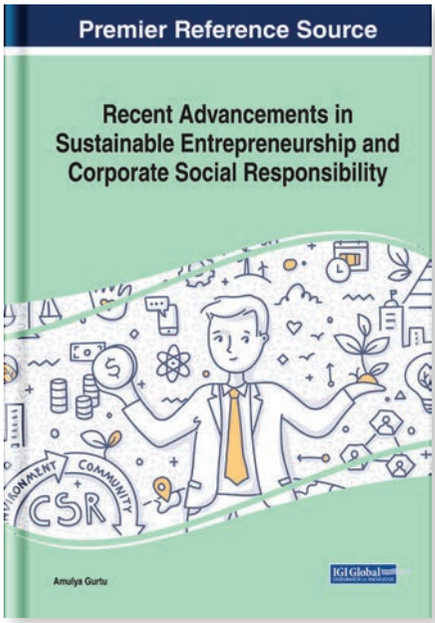

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Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Amulya Gurtu (Austin E. Cofrin School of Business, University of Wisconsin-Green Bay, USA)

Description:

In an effort to safeguard the environment, consumers have begun pressuring global businesses to create environmentally-friendly products and sustainable business practices that promote the preservation and protection of communities and nature. To create and maintain positive consumer relationships, new and existing businesses must enact policies that allow them to make an effective and smooth transition toward sustainability to contribute to economic growth by creating offerings with environmental and social value.

Recent Advancements in Sustainable Entrepreneurship and Corporate Social Responsibility provides emerging research that examines entrepreneurial strategies and business practices that can be implemented to provide eco-friendly services to the community and that offer solutions to various social and environmental problems. Featuring coverage on a broad range of topics such as green marketing, corporate identity, and business ethics, this book is ideally designed for CSR managers, human resources professionals, entrepreneurs, managers, executives, corporate leaders, business professionals, academicians, researchers, and students seeking current research on the expanding area of sustainable business practices.

Topics Covered:

- Business Ethics
- Corporate Identity
- Foreign Market
- Global Business
- Green Marketing
- Leadership Management
- Organizational Research
- Social Entrepreneurship
- Sustainable Business
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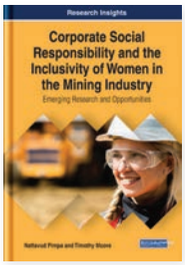

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Profs. Noor Hazlina Ahmad (Universiti Sains Malaysia, Malaysia), Qaisar Iqbal (Universiti Sains Malaysia, Malaysia), and Hasliza Abdul Halim (Universiti Sains Malaysia, Malaysia)

Description:

Small and medium enterprises (SMEs) have been widely acknowledged to be an important agent of development because of their potential for addressing unemployment, inequality, and poverty, as well as promoting inclusiveness in economic development. The sector is critical for achieving the country's sustainable growth. However, there is a lack of research on the adaptations SMEs are making in today's technologically driven market.

Challenges and Opportunities for SMEs in Industry 4.0 is a collection of innovative research on the methods and applications of modern business development and innovative strategies for small and medium enterprises in the age of smart industrialism. This book features a wide range of topics including business intelligence, collaborative manufacturing, and organizational networking. This reference source is ideally designed for managers, policymakers, economists, entrepreneurs, strategists, researchers, industrialists, academicians, educators, and students.

Topics Covered:

- Business Intelligence
- Circular Business Models
- Collaborative Manufacturing
- Crowdsourcing
- Eco-Innovation
- Entrepreneurial Leadership
- Ethics
- Organizational Networking
- Performance Management
- Sustainability

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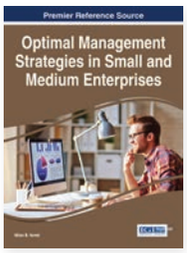

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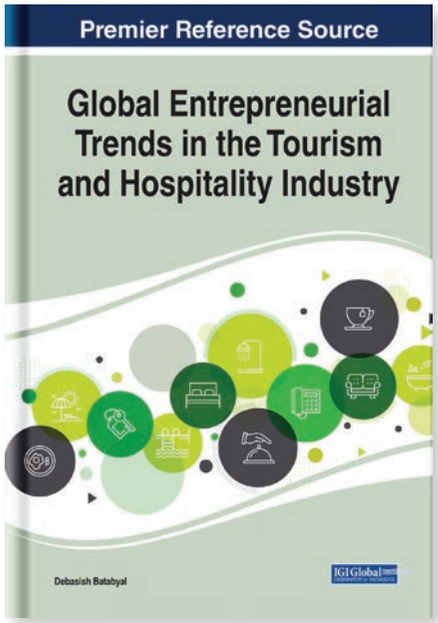

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Prof. Debasish Batabyal (Amity University, Kolkata, India)

Description:

Tourism has been gaining importance in recent decades with its increasing socio-economic, geo-political, and ecological contributions, including its potential contribution to GDP, foreign exchange, and international business. At this juncture, an assessment and analysis of the scope, opportunities, and challenges of tourism and hospitality entrepreneurship is essential to the economic development of numerous countries.

Global Entrepreneurial Trends in the Tourism and Hospitality Industry is a pivotal reference source that provides conceptualized ideas regarding the scope, prospects, and challenges of tourism and hospitality entrepreneurship. While highlighting topics such as destination tourism, multigenerational travel, and social entrepreneurship, this publication explores the relationship among tourism, hotel management, transportations, international trade, cargo and supply chain management, as well as the inter-linkages among various sectors and sub-sectors of the tourism industry. This book is ideally designed for entrepreneurs, directors, restaurateurs, travel agents, hotel management, industry professionals, academics, professors, and students.

Topics Covered:

- Authentic Leadership
- Consumer Satisfaction
- Destination Tourism
- Ecotourism
- Global Tourism
- Multigenerational Travel
- Organizational Behavior
- Sharing Economy
- Social Entrepreneurship
- Sustainability

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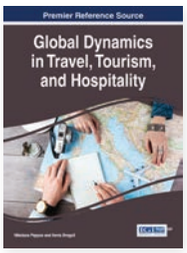

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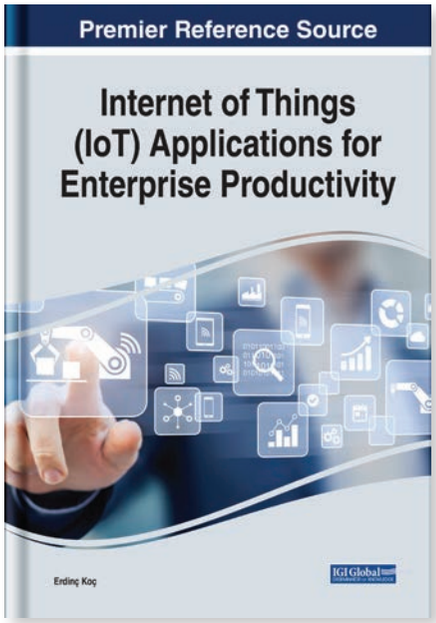

Description:
Development in information and communication technologies has led to the advancement of business and enabled enterprises to produce on a global scale. Productivity is a key function in maintaining a competitive advantage in today's market. The internet of things has rapidly become prevalent in the productivity efforts of businesses. Understanding these technologies and how to implement them into current business practices is vital for researchers and practitioners.

Internet of Things (IoT) Applications for Enterprise Productivity is a collection of innovative research on the advancing methods productivity efforts of business through the implementation of the internet of things. While highlighting topics including employee motivation, enterprise productivity, and supply chain tracking, this book is ideally designed for manufacturing professionals, industrialists, engineers, managers, practitioners, academicians, and students seeking current research on enterprise production systems and its transformation using internet of things technologies.

Topics Covered:

- Big Data
- Employee Motivation
- Enterprise Productivity
- Industrial Internet
- Industry 4.0
- Management Skills
- Production Systems
- Public Administration
- Supply Chain Management
- Supply Chain Tracking

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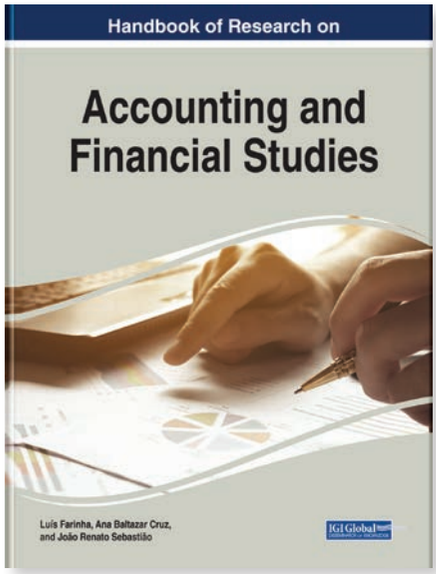

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Description:

The competitive nature of organizations in today's globalized world has led to the development of various approaches to increasing profitability and maintaining an advantage over rival companies. As technology continues to be integrated into business practices, specifically in the area of accounting and finance, professionals and educators need to be prepared for advancing economic techniques, and they need to maintain a high level of financial literacy.

The **Handbook of Research on Accounting and Financial Studies** is a pivotal reference source that provides vital research on advanced knowledge and emerging business practices and teaching dynamics in the fields of accounting and finance. While highlighting topics such as cost-benefit analysis, risk management, and corporate governance, this publication explores new initiatives in entrepreneurship and performance management. This book is ideally designed for business managers, consultants, entrepreneurs, auditors, tax practitioners, economists, accountants, academicians, researchers, and students seeking current research on modern advancements and recent findings in accounting and financial studies.

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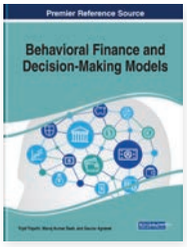

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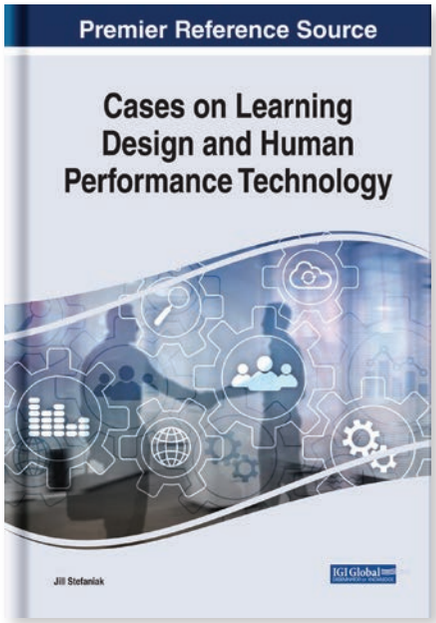

Description:

As a company grows and new business opportunities are presented, there is an expectation that employee performance will grow and improve as the organization does. One method to improve performance is through systematic, data-driven technology that analyzes all affecting aspects of an organization. A better understanding of how this quality-improving technology can be integrated within a variety of different industries is needed in order to develop strategies and interventions that address an organizational need.

Cases on Learning Design and Human Performance Technology provides a collection of cases that demonstrate how principles of learning design and human performance technology have been employed within organizations in a variety of industries to address business problems, quality improvement initiatives, and business opportunities. While highlighting topics including intervention design, workflow procedures, and employee development, this book is ideally designed for managers, executives, human resources, IT specialists, academicians, business professionals, industry practitioners, researchers, and students.

Topics Covered:

- Acquisitions
- Business Partnerships
- Employee Development
- Evaluation Methods
- Improvement Initiatives
- Intervention Design
- Management Change
- Organizational Structure
- Performance Analysis
- Workflow Procedures

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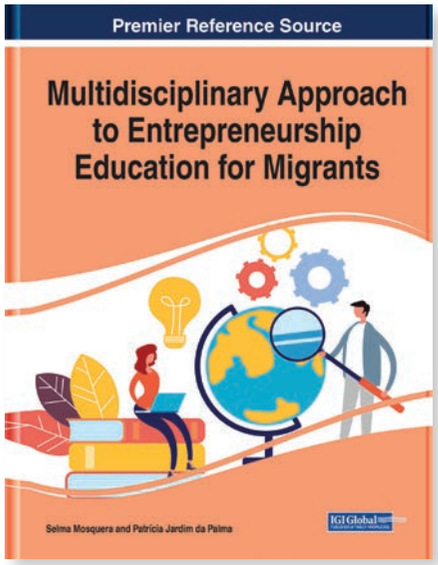

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Description:

Interest in the field of entrepreneurship is at an all-time high; coincidentally, migration is increasingly changing the landscape of employment. Many migrants find themselves facing challenges that entrepreneurial skills can help overcome. However, little remains explored within adult migrant education, especially within enterprises.

Multidisciplinary Approach to Entrepreneurship Education for Migrants is a pivotal reference source that examines the most effective methods for teaching migrants vital venture capital skills and ensuring they have the tools necessary for leading business ventures. The book contributes to the development of literature and practices in areas related to both migrant entrepreneurship and entrepreneurial education by presenting conceptual approaches, methods, and educational perspectives that go beyond pedagogy to involve andragogy and heutagogy. Highlighting such topics as local development, self-employment, and teaching-learning methodologies, it is ideally designed for entrepreneurs, educators, trainers, human resources professionals, policymakers, government officials, researchers, academicians, and students.

Topics Covered:

- Andragogy
- Diasporas
- Entrepreneurship
- Heutagogy
- Human Capital Approach
- Immigration
- Local Development
- Self-Employment
- Skill Development
- Teaching-Learning Methodologies
- Training
- Women Entrepreneurs

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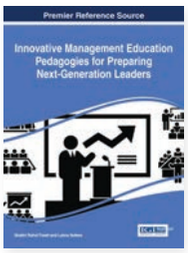

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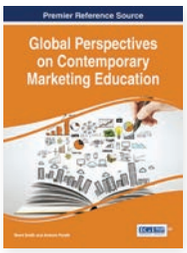

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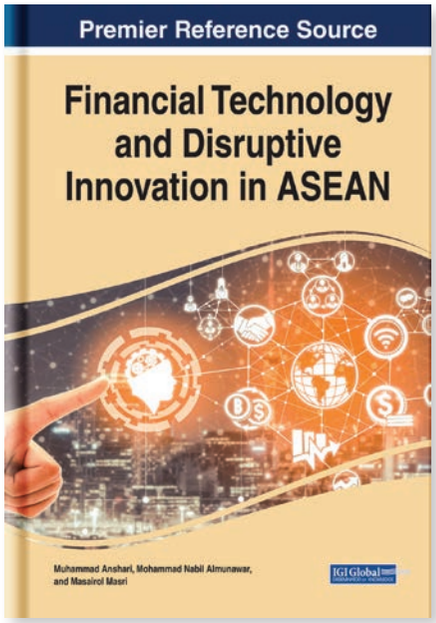

Description:

The emergence of financial technology (FinTech)-related products is causing major disruptions in financial services that enable financial solutions and innovative business models resulting in the fusion of finance and smart mobile technology. As ASEAN is undergoing a paradigm shift from government-to-government (G2G) to community-to-community (C2C) relationships with the emphasis on integration and collaboration, the adoption of FinTech and its possible future directions needs to be studied further.

Financial Technology and Disruptive Innovation in ASEAN provides an assortment of innovative research that explores the recent FinTech initiative in ASEAN with respect to its process, strategies, challenges, and outcomes and highlights new business models, products, and services that affect financial markets and institutions and the provision of financial services. While highlighting topics including blockchain technology, cloud computing, and mobile banking, this book is ideally designed for business executives, managers, entrepreneurs, financial and banking practitioners, policymakers, academicians, students, professionals, and researchers.

Topics Covered:

- Artificial Intelligence
- Blockchain Technology
- Cloud Computing
- Consumer Management
- Cryptocurrency
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- FinTech
- Machine Learning
- Mobile Banking

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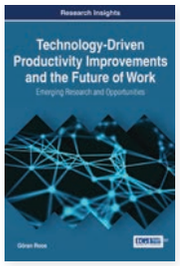

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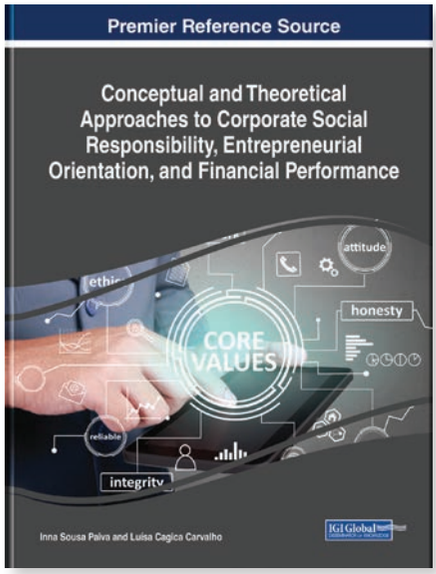

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企业社会责任、创业导向与财务绩效的概念与理论研究

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Profs. Inna Sousa Paiva (Business Research Unit, Instituto Universitário de Lisboa, Portugal) and Luísa Cagica Carvalho (Polytechnic Institute of Setubal, Portugal & CEFAGE, University of Évora, Portugal)

Description:

Over the last few years, we have witnessed the enormous success of corporate social responsibility and business all over the world. These developments, including those in which governments foster both growth through entrepreneurship and achievement of sustainable development by creating tools for worldwide impact to reconcile business interests with the demands of communities, have been unequivocal concerning job and wealth creation. Replacing short-term visions, however, has become instrumental to business success throughout the industry.

Conceptual and Theoretical Approaches to Corporate Social Responsibility, Entrepreneurial Orientation, and Financial Performance is a pivotal reference source that explores corporate social responsibility through the lens of entrepreneurship and firm performance in an effort to change the approach towards long-term growth. While highlighting topics such as risk management, stewardship theory, and CEO duality, this publication explores contributions to societal welfare and methods of business creation. This book is ideally designed for managers, executives, human resources professionals, entrepreneurs, developers, academicians, researchers, industry professionals, and students.

Topics Covered:

- Cause-Related Marketing
- CEO Duality
- Corporate Governance
- Financial Reporting
- Firm Performance
- Risk Management
- Stakeholder Theory
- Stewardship Theory
- Strategic Behavior
- Sustainable Development

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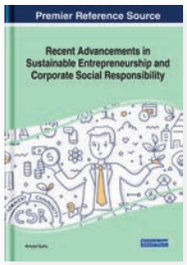

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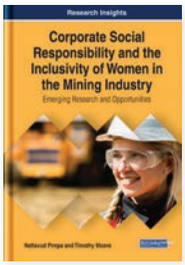

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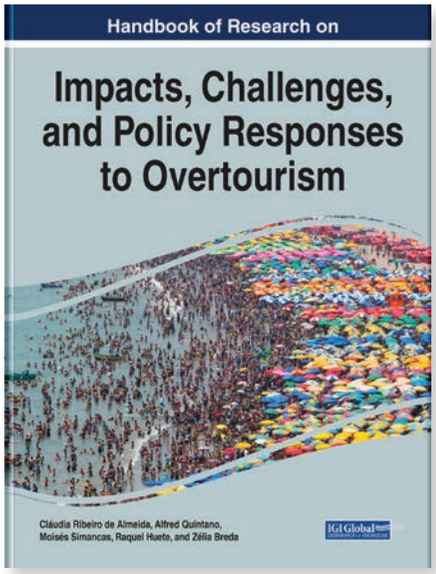

Description:

In recent years, the increasing number of tourists traveling to specific urban and resort destinations has caused challenges for the effective management of tourism in these areas, with a resulting negative impact on towns, cities, and host communities. Such issues have included placing undue pressure on infrastructure; destruction of the physical, economic, and socio-cultural environment; and affecting the quality of residents' daily lives by impacting their mobility and, in some cases, the price and rent of resident accommodation, goods, and services. To achieve a certain level of balance between the interests of local residents and visitors, new regulatory measures and legislation in high tourism areas must be discussed.

The **Handbook of Research on the Impacts, Challenges, and Policy Responses to Overtourism** is a collection of innovative research on best practices and legislation solutions for the management of tourism destinations suffering from overtourism, tourismophobia, or antitourism movement issues. While highlighting topics including overcrowding, social displacement, and tourism management, this book is ideally designed for local government officials, policymakers, lawmakers, researchers, entrepreneurs, industry professionals, travel agencies, hotels, academicians, and students seeking current innovative empirical research on destination-management practices and application techniques.

Topics Covered:

- Antitourism Movements
- Carrying Capacity
- Gentrification
- Housing Market
- Local Development
- Local Tourism
- Overcrowding
- Public Policies
- Responsible Tourism
- Social Displacement
- Sustainability
- Tourism Management

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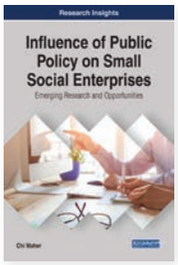

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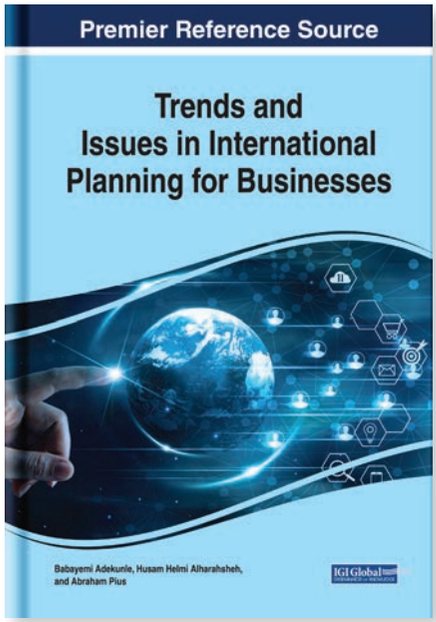

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Profs. Babayemi Adekunle (Arden University, UK), Husam Helmi Alharahsheh (University of Wales Trinity Saint David, UK), and Abraham Pius (Arden University, UK)

Description:

Small and medium-sized businesses hoping to enter the international business realm have multiple internal and external challenges to overcome before they can expand. Such challenges can include technological developments, market conditions, and reduction in global trade barriers, though these factors are continuously changing. Determining the correct course of action can be difficult depending on the goals of the company.

Trends and Issues in International Planning for Businesses is an essential reference source that focuses on key external and internal factors that enable or disable the creation and enhancement of success opportunities for firms that wish to expand internationally. Featuring research on topics such as cultural norms, international trade, and global marketing, this book is ideally designed for international organizations, small and medium-sized businesses, managers, executives, directors, business consultants, policy managers, business professionals, academicians, researchers, and students seeking coverage on issues that influence firms in their international planning.

Topics Covered:

- Consumer Behavior
- Cultural Norms
- E-Commerce
- Global Business
- Global Marketing
- Globalization Effects
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- Political Influence
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Related Books

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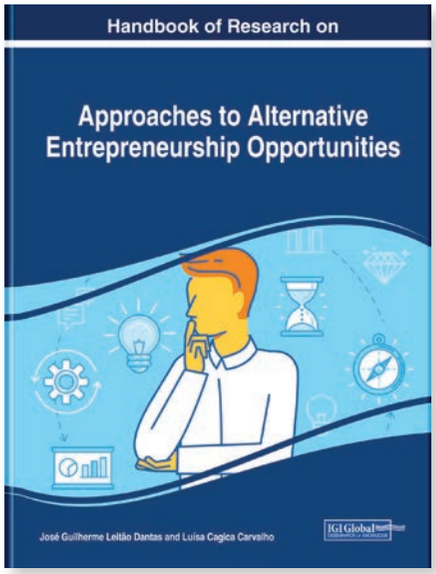

Description:

In some cases, technology-based projects have revolutionized the way of living by contributing to job and wealth creation. These types of ventures, regardless of their outstanding relevance, are the exception rather than the norm in that they account for only a very small percentage of entrepreneurial activity. Although not ignoring these important ventures, the main goal of this title is to fully unleash the wide potential of the entrepreneurial activity, exploring and highlighting the somewhat hidden part, which is ultimately responsible for the largest part of new businesses and, as a consequence, for the wellbeing of millions of people virtually everywhere.

The **Handbook of Research on Approaches to Alternative Entrepreneurship Opportunities** is a collection of innovative research on the methods and applications of entrepreneurial activity beyond the traditional boundaries of entrepreneurship research. While highlighting topics including collective business, organizational performance, and generational differences, this book is ideally designed for entrepreneurs, developers, researchers, business managers, industry professionals, academicians, and students seeking to draw attention to distinctive and multifaceted types of entrepreneurship.

Topics Covered:

- Business Intelligence
- Collective Business
- Gender Differences
- Generational Workforce
- Managerial Skill
- Networking
- Organizational Performance
- Strategic Decision-Making
- Sustainable Development

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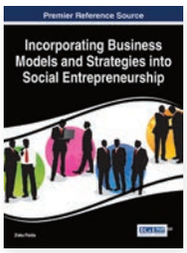

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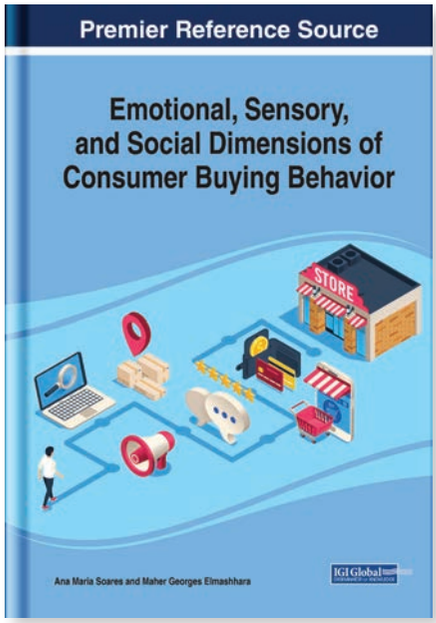

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Profs. Ana Maria Soares (School of Economics and Management, University of Minho, Portugal) and Maher Georges Elmashhara (School of Economics and Management, University of Minho, Portugal)

Description:

Unprecedented changes in consumer shopping habits pose major challenges for retailers who need to consider the multidimensional nature of shopping in order to design and provide engaging consumer experiences. The intersection between in-store and online shopping is also fundamental to meet the fast-changing consumer behavior. Comprehending how environmental and sensory dimensions, leisure, entertainment, and social interactions influence shopper emotions may enhance the shopping experience.

Emotional, Sensory, and Social Dimensions of Consumer Buying Behavior is an essential reference source that discusses methods for enhancing the shopping experience in an era of competition among shopping offline- and online-destinations, as well as predicting emerging changes in consumer behavior and shopping destinations and new technologies in retailing. Featuring research on topics such as consumer dynamics, experimental marketing, and retail technology, this book is ideally designed for retail managers, designers, advertisers, marketers, customer service representatives, merchandisers, industry professionals, academicians, researchers, students, and practitioners.

Topics Covered:

- Consumer Dynamics
- Customer Engagement
- Destination Shopping
- E-Commerce
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- Impulse Buying
- Online Platforms
- Relationship Management
- Retail Technology
- Sustainable Retailing

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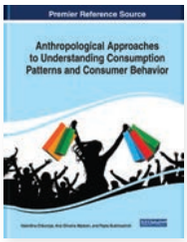

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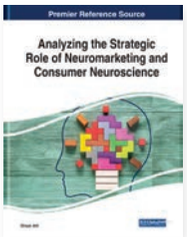

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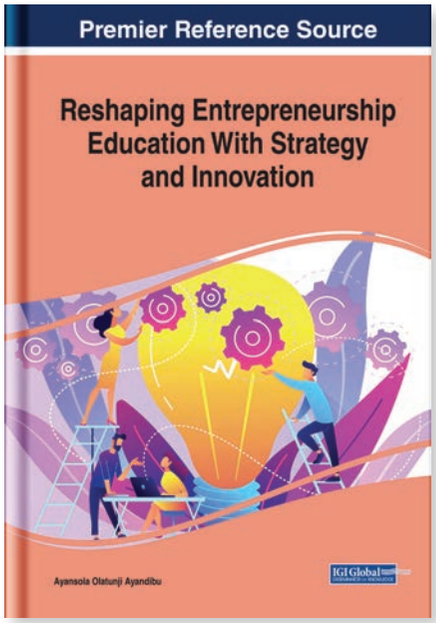

Description:

New small business owners are constantly pressured to play a major role in the economic growth of their respected nation. However, revitalizing how individuals think, research, teach, and implement performance strategies to improve the operations of these small businesses is critical to entrepreneurial success.

Reshaping Entrepreneurship Education With Strategy and Innovation is an essential reference source that discusses strategies to overcome performance barriers as well as implementation of effective entrepreneurial processes based on a wide range of global issues. Featuring research on topics such as authentic leadership, business ethics, and social entrepreneurship, this book is ideally designed for entrepreneurs, business professionals, scholars, researchers, students, and practitioners seeking coverage on innovative performance operations of small businesses.

Topics Covered:

- Authentic Leadership
- Business Education
- Business Ethics
- Consumer Behavior
- Cost of Equity
- International Business
- Social Entrepreneurship
- Stakeholder Analysis
- Sustainability
- Traditional Business

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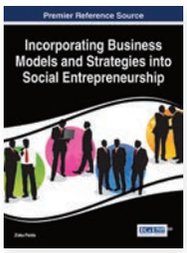

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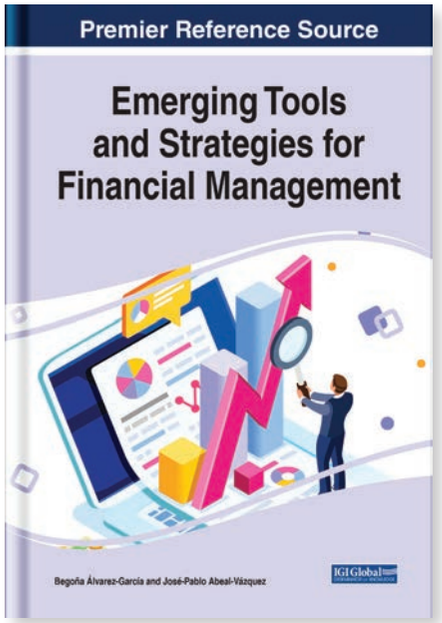

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Description:

Over the past years, significant changes have occurred in the corporate sector arising from globalization, increasing international competitiveness, and intensive use of information and communication technologies (ICTs). These developments have led to new corporate and social behaviors that are affecting the entire corporate value chain. Thus, business organizations are focusing on technological innovation as a driving force of development.

Emerging Tools and Strategies for Financial Management is a pivotal reference source that explores both practical and theoretical perspectives on how financial management is evolving and how future consequences of technological innovation will affect individuals, businesses, and society. While highlighting topics such as financial imbalance, venture capital, and shadow banking, this publication explores the relationship between companies and their customers and the methods of generating changes in today's enterprises. This book is ideally designed for business managers, financial analysts, financial controllers, directors, finance officers, treasurers, entrepreneurs, CEOs, academicians, students, and research professionals.

Topics Covered:

- Consumer Behavior
- Cryptocurrency
- Financial Imbalance
- Fiscal Markets
- Forecast Management
- Global Finance
- Risk Management
- Shadow Banking
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Description:

In recent years, there has been a swell of investment opportunities in contemporary asset classes that have gained considerable attention, including cryptocurrencies, hedge funds, and private equity. These alternative investments provide the opportunity to enhance the diversification of financial portfolios and harvest risk premiums that traditional assets like stocks and bonds fail to provide. The emergence of these new properties has created the need to further understand the mechanics, risks, and returns of alternative investments.

Recent Advances and Applications in Alternative Investments is a pivotal reference source that provides vital research on the emergence and development of complementary asset classes in the field of finance and investment. While highlighting topics such as carbon emission markets, renewable energy, and digital currencies, this publication explores modern investment strategies as well as the latest products and new types of risk. This book is ideally designed for managers, strategists, accountants, financial professionals, economists, brokers, investors, business practitioners, policymakers, researchers, and academicians seeking current research on contemporary developments in investment strategies and alternative assets.

Topics Covered:

- Blockchain
- Carbon Emission Markets
- Cyber Risks
- Digital Currencies
- Ethical Investments
- Financial Integration
- Green Bonds
- Private Equity
- Real Estate
- Renewable Energy
- Venture Capital

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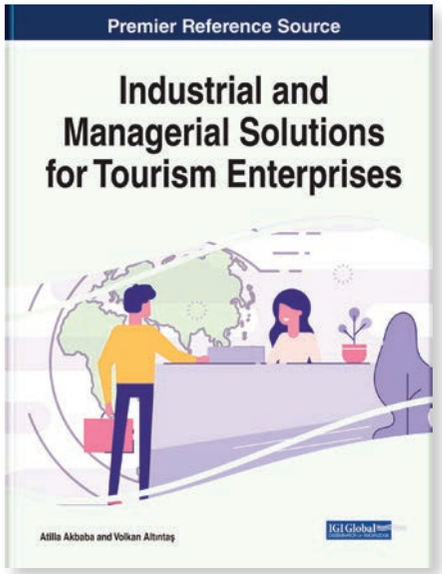

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Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Atilla Akbaba (Izmir Katip Çelebi University, Turkey) and Volkan Altıntaş (Izmir Katip Celebi University, Turkey)

Description:

The tourism and hospitality industries are seeing continued success, which is why so many new businesses are trying to find a foothold in the field. However, the functions and responsibilities of management differ heavily between organizations within the tourism industry, such as the differences faced by big chain hotels, family owned hotels, and individually owned hotels. Understanding the methods of managing such companies is vital to ensuring their success.

Industrial and Managerial Solutions for Tourism Enterprises is a pivotal reference source that focuses on the latest developments on management in the tourism and hospitality industries. Highlighting a range of topics including core competency, customer relationship management, and departmental relationships, this book is ideally designed for managers, restaurateurs, tour developers, destination management professionals, travel agencies, tourism media journalists, hotel managers, management consulting companies, human resources professionals, performance evaluators, researchers, academicians, and students.

Topics Covered:

- Career Development
- Communication Essentials
- Core Competency
- Customer Relationship Management
- Departmental Relationships
- Industry 4.0
- Multi-Culturalism
- Organizational Structure
- Technology-Management Relations
- Tourism
- Work-Life Balance

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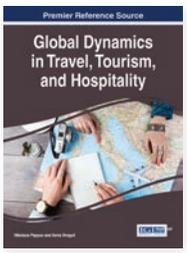

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Description:

Irrespective of the legal sphere and type of care (primary, secondary, and continuing), providers must ensure that users receive quality healthcare through the efficient use of resources, responsiveness, affordability, and the equal treatment of patients. Management and marketing have been playing an important role in this sector with the importance of branding growing in the healthcare market. The chance for brand in healthcare is determined by the challenges to increase and improve consumer choice. That's something to which providers and health systems, in general, have not been familiarized.

New Techniques for Brand Management in the Healthcare Sector is a critical research publication that explores the diffusion of new marketing knowledge, tendencies, and qualitative and quantitative methods for brand management in the private, public, and social health sectors and examines the movement from healthcare as a priceless commodity to one that can be, and is, commodified. Highlighting topics such as e-health, medical tourism, and brand management, this publication is essential for hospital directors, marketers, advertisers, promotion coordinators, brand managers, product specialists, academicians, healthcare professionals, brand strategists, policymakers, researchers, and students.

Topics Covered:

- Brand Management
- Communication Technology
- Data Mining
- E-Health
- Healthcare
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- Social Media

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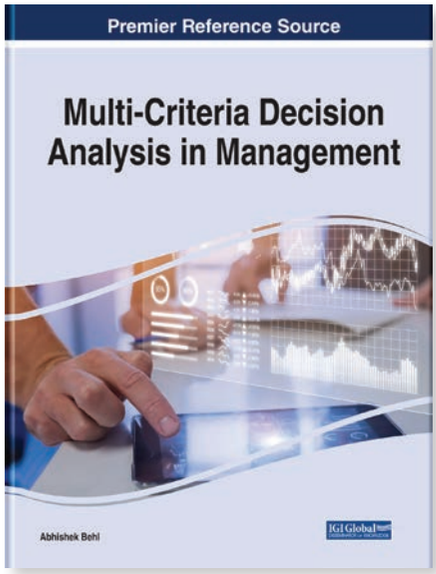

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管理中的多准则决策分析

Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Abhishek Behl (Indian Institute of Technology, Bombay, India)

Description:

Multi-criteria decision making (MCDM) has been extensively used in diverse disciplines, with a variety of MCDM techniques used to solve complex problems. A primary challenge faced by research scholars is to decode these techniques using detailed step-by-step analysis with case studies and data sets. The scope of such work would help decision makers to understand the process of using MCDM techniques appropriately to solve complex issues without making mistakes.

Multi-Criteria Decision Analysis in Management provides innovative insights into the rationale behind using MCDM techniques to solve decision-making problems and provides comprehensive discussions on these techniques from their inception, development, and growth to their advancements and applications. The content within this publication examines hybrid multicriteria models, value theory, and data envelopment. Ideal for researchers, management professionals, students, operations scholars, and academicians, this scholarly work supports and enhances the decision-making process.

Topics Covered:

- Data Analysis
- Data Envelopment
- Data Science
- Fuzzy Logic
- Group Decision Making
- Hybrid Multicriteria Models
- Interpretive Modeling
- Multicriteria Decision Support
- Supply Chain Management
- Value Theory

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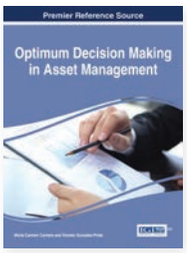

Optimum Decision Making in Asset Management
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管理关联消费者的策略和工具

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Prof. Ree C. Ho (Taylor's University, Malaysia)

Description:

Through the growing penetration of new technologies, online consumers can now share and collaborate amongst themselves while shopping online. As they receive information about products from media exposure and their collaboration with other consumers, it is critical for businesses to understand the social impact and influence of social and mobile commerce and how it can affect consumer habits.

Strategies and Tools for Managing Connected Consumers provides emerging research exploring the techniques and impacts of new technologies deployed in today's digital marketplace as well as recent development and empirical research on consumer behavior. Featuring coverage on a broad range of topics such as social computing, virtual communities, and consumer management, this book is ideally designed for professionals, researchers, business managers, and students who want to improve their understanding of new strategies for conducting online business in networked environments.

Topics Covered:

- Consumer Behavior
- Consumer Management
- Data Analysis
- Digital Media
- E-Commerce
- Human Aspects of Business
- Mobile Technologies
- Social Computing
- Social Networking
- Virtual Communities

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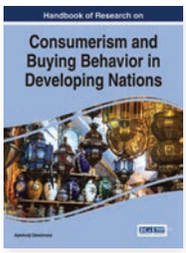

Handbook of Research on Consumerism and Buying Behavior in Developing Nations
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ISBN: 9781799819349
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Part of the Advances in Logistics, Operations, and Management Science Book Series

Profs. Nelson Antonio Moreno-Monsalve (Universidad EAN, Colombia), H. Mauricio Diez-Silva (Universidad EAN, Colombia), Flor Nancy Diaz-Piraquive (Universidad Catolica de Colombia, Colombia), and Rafael Ignacio Perez-Uribe (Universidad EAN, Colombia)

Description:

Project management tools can be used as an alternative to improve and strengthen a company's position in the market. However, the management of projects has been in constant transformation. Elements such as time, cost, and scope, on which it is based, have been complemented with other trends, such as the project team, change management, knowledge management, good negotiation practices, management of stakeholders, sustainability, etc. In order to improve the competitiveness of their company and increase earned value, managers must remain up to date on these latest transformations and best practices.

The **Handbook of Research on Project Management Strategies and Tools for Organizational Success** is a pivotal reference source that analyzes and disseminates new trends that will allow managers to improve their skills and strengthen the performance of their companies through obtaining better results in the projects undertaken. While highlighting topics such as market growth, risk management, and value creation, this book is ideally designed for project managers, managers, business professionals, entrepreneurs, academicians, researchers, and students seeking current research on improving the competitiveness of companies as well as increasing their earned value.

Topics Covered:

- Conflict Resolution
- Corporate Responsibility
- Digital Technologies
- Knowledge Management
- Market Growth
- Organizational Culture
- Risk Management
- Supply Chain
- Sustainability
- Value Creation

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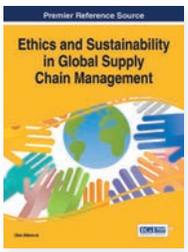

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Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Prof. Evrim Çeltek (Gaziosmanpasa University, Turkey)

Description:

In today's modernized society, certain technologies have become more applicable within many professional fields and are much easier to implement. This includes the tourism industry, where smart technology has provided a range of new marketing possibilities including more effective sales tactics and delivering a more personalized customer experience. As the scope of business analytics continues to expand, professionals need research on the various applications of smart technology within the field of tourism.

The **Handbook of Research on Smart Technology Applications in the Tourism Industry** is an essential reference source that discusses the use of intelligent systems in tourism as well as their influence on consumer relationships. Featuring research on topics such as digital advertising, wearable technology, and consumer behavior, this book is ideally designed for travel agents, tour developers, restaurateurs, hotel managers, tour directors, airlines, marketers, researchers, managers, hospitality professionals, policymakers, business strategists, researchers, academicians, and students seeking coverage on the use of smart technologies in tourism.

Topics Covered:

- Branding
- Consumer Behavior
- Digital Advertising
- Digital Communication
- Digital Customer Experience
- Geofencing
- Robotics
- Sensor Networks
- Tourism Planning
- Virtual Reality
- Wearable Technology

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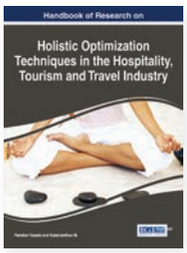

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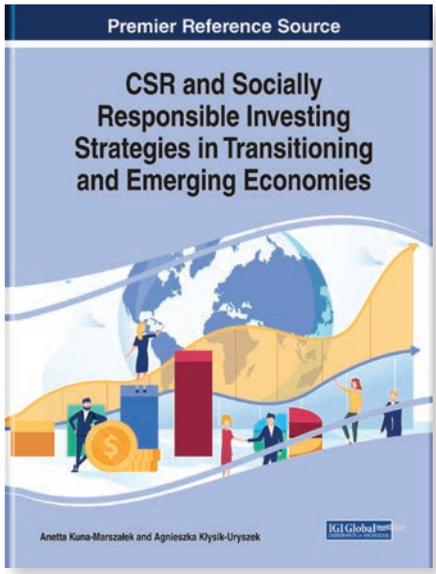

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Profs. Anetta Kuna-Marszałek (University of Łódź, Poland) and Agnieszka Kłysik-Uryszek (University of Łódź, Poland)

Description:

One of the most important activities of enterprises today is responsible entrepreneurship. Corporate social responsibility (CSR) activities can help to forge a stronger bond between employees and corporations, can boost morale, and can help both employees and employers feel more connected with the world around them. Moreover, the growing importance of this concept results from the fact that it is perceived as an effective tool for increasing competitiveness, improving the image of the company, or contributing to the generation of higher profits. In today's world, an active commitment to social responsibility is becoming more common for a company.

CSR and Socially Responsible Investing Strategies in Transitioning and Emerging Economies is an essential reference source that identifies the scale and scope of implementation of CSR and socially responsible investing strategies and standards in companies operating in different transitioning and emerging economies as well as assessing the global effects of these activities. Featuring research on topics such as economic growth, responsible investing, and business ethics, this book is ideally designed for managers, executives, directors, corporate professionals, government officials, industry leaders, academicians, students, and researchers in the fields of international economics, international business, marketing, finance management, and public relations.

Topics Covered:

- Branding
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- Corporate Governance
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- Entrepreneurship
- Green Finances
- Responsible Investing
- Risk Management
- Social Factors
- Value Creation

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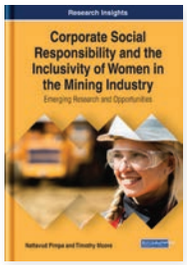

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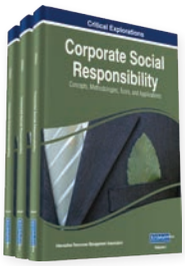

Corporate Social Responsibility: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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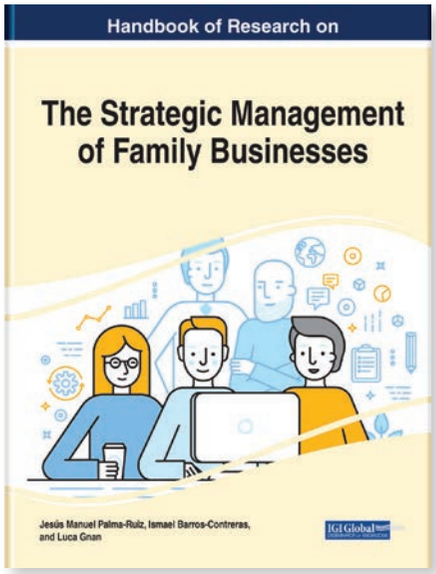
Prof. Jesús Manuel Palma-Ruiz (Universidad Autónoma de Chihuahua, Mexico), et al.



Description:

The literature on family business has developed significantly over the last years. However, efforts remain to summarize and systematize the main aspects that affect the behavior of this type of company. In this regard, the topic of strategic management has been developed. In this sense, it is especially important to recognize how the family decisively influences the behavior of the company and also to identify how the existence of the company affects family dynamics. Those who manage family businesses, whether family or not, must reconcile both perspectives (business and family) in the definition of strategic objectives, allowing sustainability and continuity in this type of organization.

The **Handbook of Research on the Strategic Management of Family Businesses** provides emerging research that covers how strategic management in the family business has been developed and identifies the objectives that sustain this strategic behavior, the main areas of analysis (family and business), the definition of strategies, and their implementation. Also, the authors of this book review the different scenarios for family firms and propose strategies to tackle the challenges and seize the possibilities to grow in a competitive and dynamic environment. Featuring coverage on a broad range of topics such as human capital, organizational leadership, and knowledge creation, this book is ideally designed for family firms, managers, advisors, consultants, policymakers, business professionals, executives, entrepreneurs, researchers, academicians, and students.

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Pages: 539

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Topics Covered:

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- Economic Development
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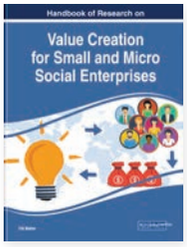

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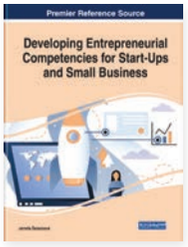

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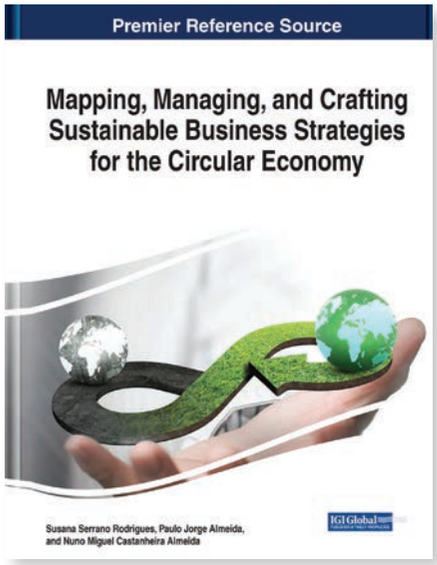

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Profs. Susana Serrano Rodrigues (Polytechnic Institute of Leiria, Portugal), Paulo Jorge Almeida (Polytechnic Institute of Leiria, Portugal), and Nuno Miguel Castaheira Almeida (Polytechnic Institute of Leiria, Portugal)

Description:

As the planet's natural resources continue to be depleted, society's environmental awareness has grown. Businesses especially are being coerced into incorporating more sustainable approaches to carrying out their activities. Organizations that develop sustainable business strategies that deliver enhanced value by radically reducing material inputs and engaging consumers on circular economy will be well-positioned for success.

Mapping, Managing, and Crafting Sustainable Business Strategies for the Circular Economy is an essential reference source that discusses implementing sustainable business strategies as well as economic policies for the modern business era. Featuring research on topics such as global business, urban innovation, and cost management, this book is ideally designed for managers, operators, manufacturers, academics, practitioners, policymakers, researchers, business professionals, and students seeking coverage on utilizing natural resources in the most sustainable way.

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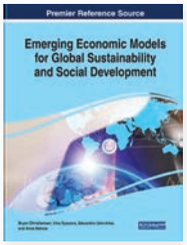

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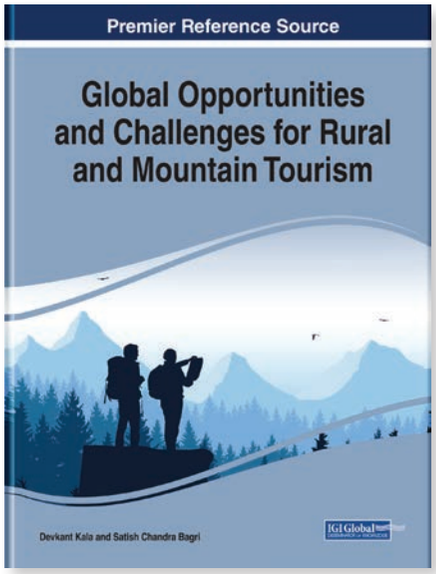
Profs. Devkant Kala (University of Petroleum and Energy Studies, India) and Satish Chandra Bagri (Hemvati Nandan Bahuguna Garhwal University, India)



Description:

Mountainous and rural areas throughout the world have continually been attributed with several hinderances including poverty, faulty governance, and susceptibility to natural disasters. However, with the recent development of tourism, these provinces have seen a strong rise in visitation. Despite this increase in economic sustainability, planners are still presented with many challenges as they try to balance developmental and ecological considerations.

Global Opportunities and Challenges for Rural and Mountain Tourism provides emerging research exploring the integration of mountain tourism development and innovative practices for managing contemporary issues and challenges of tourism in these regions including socio-economic impacts, role of stakeholders, and promotional strategies for sustainable tourism development. Featuring coverage on a broad range of topics such as cultural heritage, marketing strategies, and value chain systems, this book is ideally designed for travel agents, tour directors, tour developers, hotel managers, hospitality and tourism professionals, industry practitioners, researchers, geographical scientists, planners, academicians, and students.

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Pricing:

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Topics Covered:

- Branding and Management
- Community Participation
- Cultural Heritage
- Gastronomy
- Geo-Tourism
- Marketing Strategies
- Planning and Development
- Sustainable Tourism
- Value Chain Systems
- Wildlife Parks

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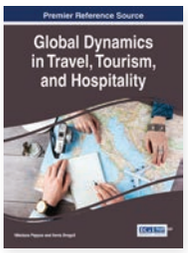

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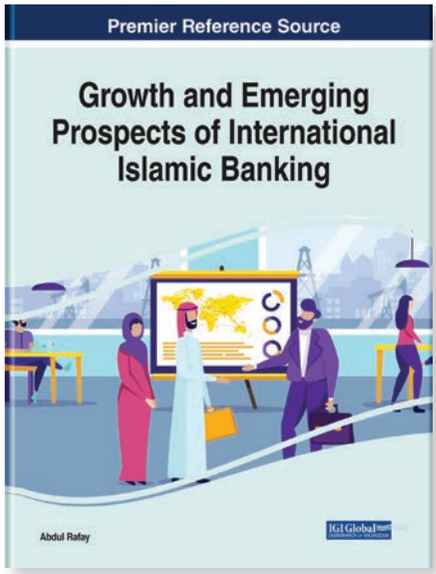

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Prof. Abdul Rafay (University of Management and Technology, Pakistan)

Description:

As an ever-growing international business, Islamic banking has changed the face of economics in recent years. As more and more industries embrace Islamic principles, the industry will unquestionably influence modern economic practices and techniques across the globe.

Growth and Emerging Prospects of International Islamic Banking is a collection of innovative research on the methods and applications of Islamic banking interests on a global economic scale. While highlighting topics including asset diversification, profit sharing, and financial reporting, this book is ideally designed for bankers, banking analysts, international business managers, financiers, industry professionals, economists, government officials, academicians, students, and researchers seeking current research on Islamic banking perspectives and approaches to finances.

Topics Covered:

- Asset Diversification
- Banking Governance
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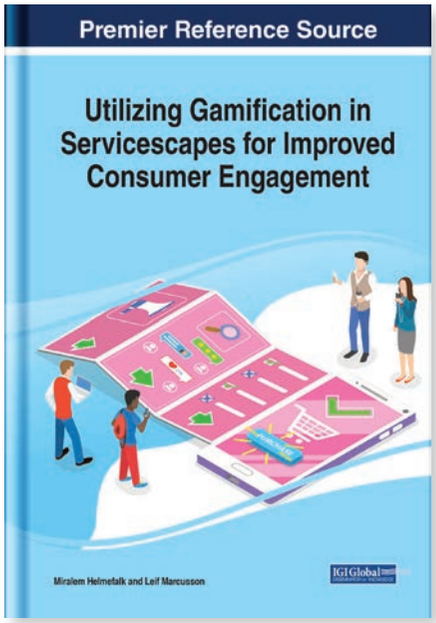

Description:

As consumers increase their purchases from online retailers, businesses must find exceedingly innovative ways to increase customer engagement. While online gaming has become increasingly prevalent, motivating customers through the same means has gained greater importance for businesses.

Utilizing Gamification in Servicescapes for Improved Consumer Engagement is a pivotal reference source that provides vital research on employing various gamification mechanics to alter and enhance certain behaviors in marketing contexts. While highlighting topics such as online gaming, user engagement, and target marketing, this book is ideally designed for retailers, advertisers, marketers, promotion coordinators, industry professionals, business executives, managers, researchers, academicians, and students seeking current research on bridging servicescapes and marketing literature with gamification.

Topics Covered:

- Consumer Behavior
- Digital Marketplace
- Distance Learning
- Marketing Ethics
- Motivational Behavior
- Online Gaming
- Sensory Marketing
- Target Marketing
- User Engagement
- Value Creation

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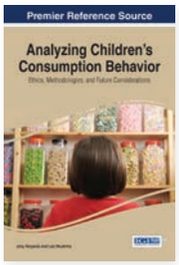

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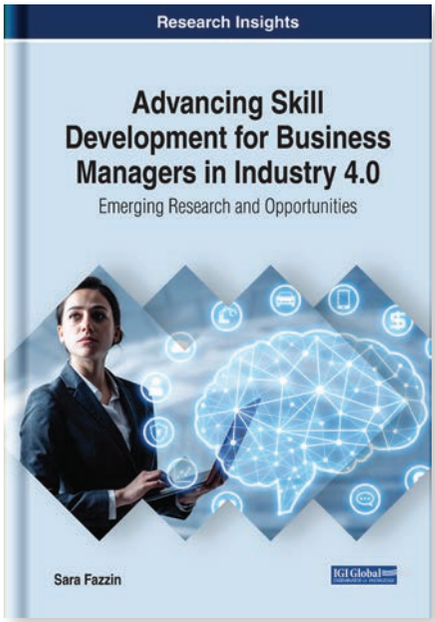

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Prof. Sara Fazzin (H-Farm College, UK)

Description:

As technology grows more effective and refined, businesses and organizations are increasingly taking advantage by automating processes that were once presided over by human workers. As businesses explore the benefits of machine learning, research is necessary to examine the effects of the integration of technology to human workplaces.

Advancing Skill Development for Business Managers in Industry 4.0: Emerging Research and Opportunities is an essential publication that examines Industry 4.0 and the important technological applications that revolutionize and disrupt modern organizations, such as artificial intelligence, machine learning, and programming languages, such as Python, to contextualize big data in business and frame the skills necessary for a high-performing modern workforce. The book provides a conceptual framework, analysis, and discussion of the issues concerning organizational behavior through the lens of organizational culture and emotions. Covering topics that include data-driven organizations, the digital business models, and leadership techniques, this book is ideally designed for managers, executives, IT specialists, computer engineers, data scientists, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Big Data
- Data Science
- Data-Driven Organizations
- Digital Business Models
- Digital Transformation
- Fourth Industrial Revolution
- Internet of Things
- Leadership Techniques
- Machine Learning

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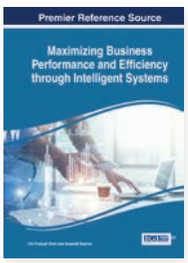

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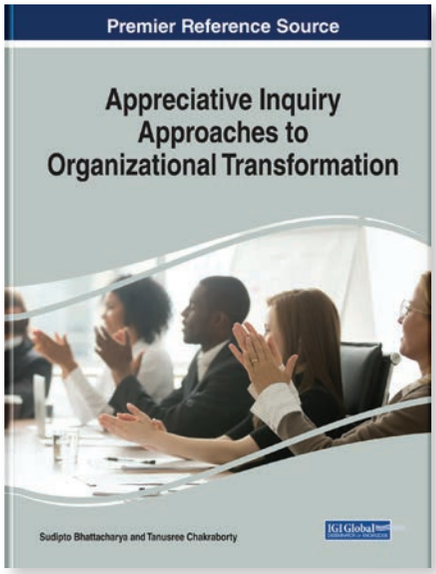

Description:

As organizations continue to develop and adapt in today's modern society, various approaches have begun to emerge as managers look for the best techniques to improve company performance. Appreciative inquiry is the practice of maintaining a positive and optimistic environment within the workplace, and it's a concept that has transformed many corporations as it spread across the globe. Understanding this powerful shift in employee perception requires considerable research on how appreciative inquiry is affecting various companies worldwide.

Appreciative Inquiry Approaches to Organizational Transformation provides emerging research that serves to increase the productivity of individuals and organizations exponentially by sharing case studies from organizations where appreciative inquiry has been implemented successfully as well as best practices that can benefit organizations and common pitfalls that can be avoided by becoming more vigilant. Featuring coverage on a broad range of topics such as individual execution, productivity, and occupational solutions, this book is ideally designed for managers, practitioners, corporate professionals, executives, researchers, educators, and students.

Topics Covered:

- Appreciative Principles
- Common Pitfalls
- Employee Perception
- Individual Execution
- Occupational Solutions
- Organizational Challenges
- Organizational Growth
- Performance Development
- Productivity
- Successful Practices

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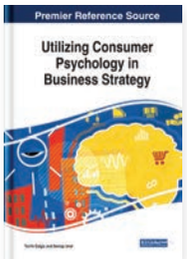

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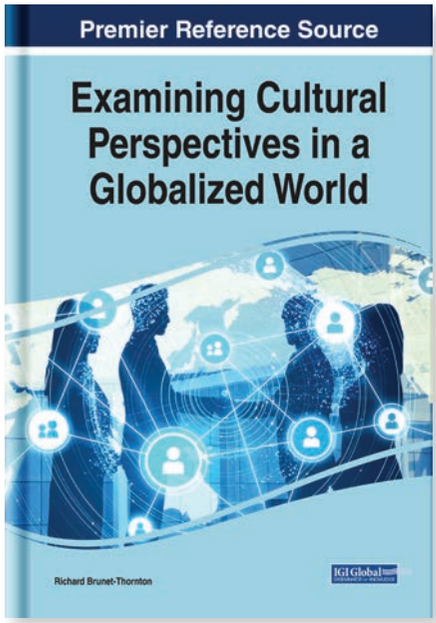

ISBN: 9781799802143
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Prof. Richard Brunet-Thornton (University of Economics, Prague, Czech Republic)

Description:

Researchers are beginning to draw attention to the human side concerning the implications of the digital age. Cultural challenges faced by international virtual teams, management dilemmas relative to resource issues when dealing with cultural diversity, and human resource management challenges confronted by technical environments and nationally-qualified labor shortages are on the rise and need to be addressed as society enters a new era.

Examining Cultural Perspectives in a Globalized World is a pivotal reference source that provides vital research on the promotion of new cultural models representative of the contemporary world and subject to digital transformation. While highlighting topics such as digital diversity, shared culture, and employee motivation, this publication explores increasing the relevancy of culture in the globalized 21st century as well as the methods of revising current HR management policies. This book is ideally designed for managers, human resources management, executives, sociologists, consultants, practitioners, industry professionals, researchers, academicians, and students.

Topics Covered:

- Brand Awareness
- Corporate Governance
- Cross-Cultural Marketing
- Digital Diversity
- Effective Leadership
- Employee Motivation
- Group Behavior
- Human Management
- Racial Profiling
- Shared Culture

Related Books

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Analyzing Workplace Deviance in Modern Organizations
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全球伊斯兰金融理论与实践研究手册

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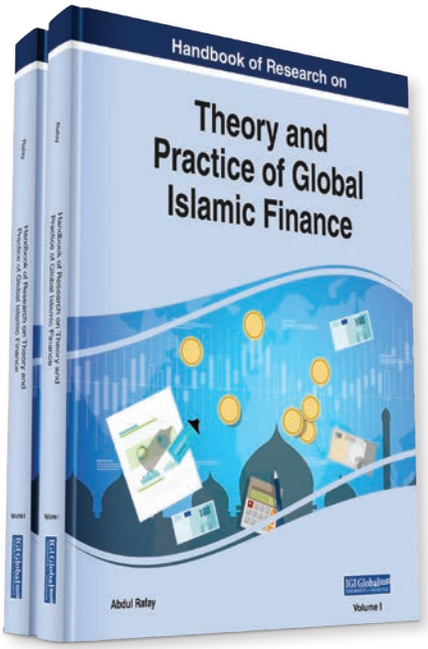
Prof. Abdul Rafay (University of Management and Technology, Pakistan)



ISBN: 9781799802181
Release Date: December, 2019
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Pages: 888

Pricing:

Hardcover: US $445.00
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Description:

As an emerging global phenomenon, Islamic economics and the financial system has expanded exponentially in recent decades. Many components of the industry are still unknown, but hopefully, the lack of awareness will soon be stilled.

The **Handbook of Research on Theory and Practice of Global Islamic Finance (2 Vols.)** provides emerging research on the latest global Islamic economic practices. The content within this publication examines risk management, economic justice, and stock market analysis. It is designed for financiers, banking professionals, economists, policymakers, researchers, academicians, and students interested in ideas centered on the development and practice of Islamic finance.

Topics Covered:

- Capital Market
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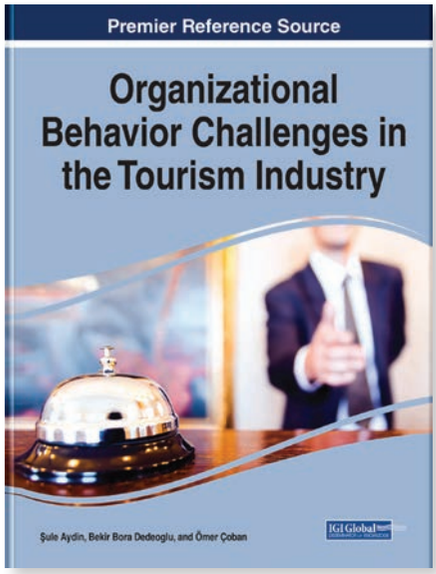

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Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Şule Aydin (Nevsehir Haci Bektas Veli University, Turkey), Bekir Bora Dedeoglu (Nevsehir Haci Bektas Veli University, Turkey), and Ömer Çoban (Nevsehir Haci Bektas Veli University, Turkey)

Description:

Improving positive and reducing negative organizational behaviors in businesses are important in terms of organizational success as this will lead to an increase in employee organizational commitment and job satisfaction. Considering that the tourism industry has such a dynamic structure, it is obvious that behavioral issues in the industry need to be scrutinized.

Organizational Behavior Challenges in the Tourism Industry is a collection of innovative research that aims to explore relevant theoretical frameworks in terms of organizational behavior issues and provides the opportunity for tourism organizations to understand their employees' behavior. While highlighting topics including emotional labor, deviant behavior, and organizational cynicism, this book is ideally designed for hotel managers, tour directors, restaurateurs, travel agents, business managers, professionals, researchers, academicians, and students.

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Release Date: December, 2019
Copyright: 2020
Pages: 524

Pricing:

Hardcover: US $225.00
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E-Book: US $225.00

Topics Covered:

- Bystander Effect
- Deviant Behavior
- Emotional Labor
- Job Satisfaction
- Motivational Studies
- Organizational Cynicism
- Organizational Ostracism
- Psychological Empowerment
- Social Loafing
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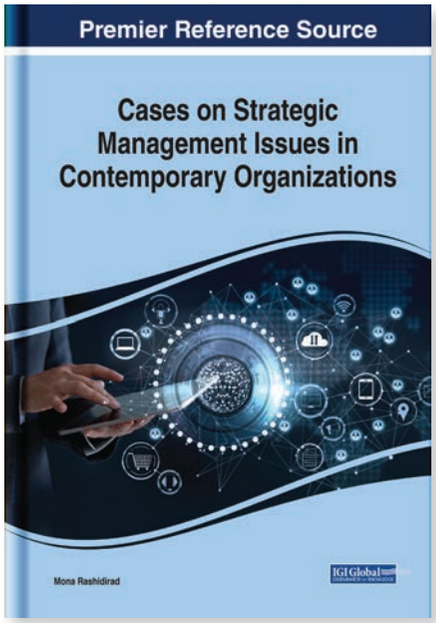
Prof. Mona Rashidirad (University of Brighton, UK)



Description:

Business strategy is not an abstract concept; it is a type of work that is designed for complex theoretical conceptualization. While there are numerous sources exploring the theoretical ideas of strategy, very few demonstrate the real value of strategy tools, concepts, and models in practice.

Cases on Strategic Management Issues in Contemporary Organizations is a pivotal reference source that provides original case studies designed to explore various strategic issues facing contemporary organizations, evaluate the usefulness of strategy tools and models, and examine how successful and failing companies have faced strategic issues with practical ideas and solutions. While highlighting topics such as business ethics, stakeholder analysis, and corporate governance, this publication demonstrates various ways that different models/tools can be applied in different types of companies for various purposes and from diverse perspectives. This book is ideally designed for managers, executives, managing directors, business strategists, industry professionals, students, researchers, and academicians seeking current research on key business framework strategies.

Topics Covered:

- Business Ethics
- Corporate Governance
- Corporate Social Responsibility
- Digital Marketing
- Electronic Marketplace
- Management Practices
- Market Analysis
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- Value-Based Management

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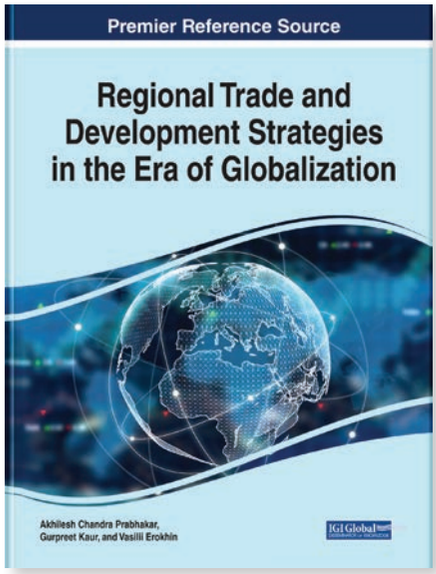

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Description:

Despite three decades of continuous globalization, transitional economies in many countries remain marginalized. In order to maximize the positive growth of employment creation opportunities in various sectors, including agriculture, existing patterns of long-run sustainable equilibrium relationships, technology transfers, and trade to promote export-led economic growth must be examined and identified.

Regional Trade and Development Strategies in the Era of Globalization provides a comprehensive overview of globalization and regional initiative trends of trade and development through the examination of theoretical and practical experiences of their underpinning principles through approaches to overcome the obstacles of globalization and its positive and negative impacts on global trade and economic development. The content within this publication examines economic integration, foreign investment, and financial risk. It is designed for trade specialists, government officials, students, researchers, policymakers, business professionals, academicians, and economists.

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Topics Covered:

- Blue Economics
- Economic Development
- Economic Integration
- Financial Imperialism
- Financial Risk
- Foreign Investment
- Global Business
- Global Market
- Investment Cooperation
- Sustainability

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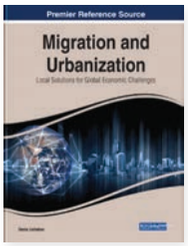

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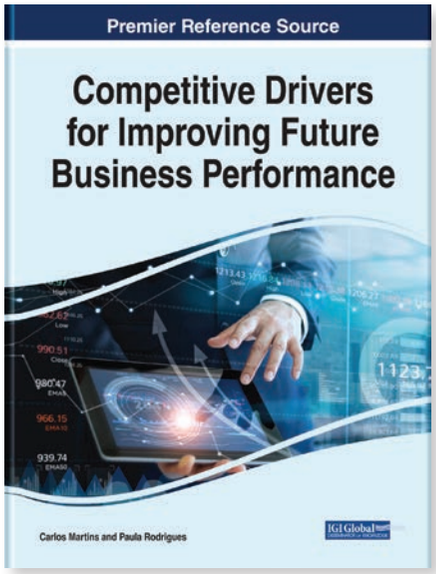

Description:

The globalized economy, dominated by the diffusion of innovation and social, political, and economic changes, allows people and knowledge to flow without knowing what lies ahead. As new economies emerge and technologies impose significant changes, the internationalization of markets and industries has made defining its delimitation more difficult.

Competitive Drivers for Improving Future Business Performance is a conceptualized reference source that discusses the use of digital skills to manage change in volatile contexts and provides fundamental understanding of competitive advantage to guarantee superior performances. To assure this level of performance, a set of choices (drivers) must be created ensuring operational efficiency, innovative products, customer knowledge-base, and focused branding. Featuring research on topics such as consumer experience, strategic leadership, and flexible technologies, this book is ideally designed for managers, executives, entrepreneurs, academicians, consulting professionals, researchers, industry professionals, and students seeking coverage on how to improve competitive performance in an era of uncertainty.

Topics Covered:

- Consumer Experience
- Customer Satisfaction
- Digital Enterprise
- E-Commerce
- Flexible Technologies
- Global Business
- Omnichannel Experience
- Optimization Techniques
- Strategic Leadership
- Value Creation

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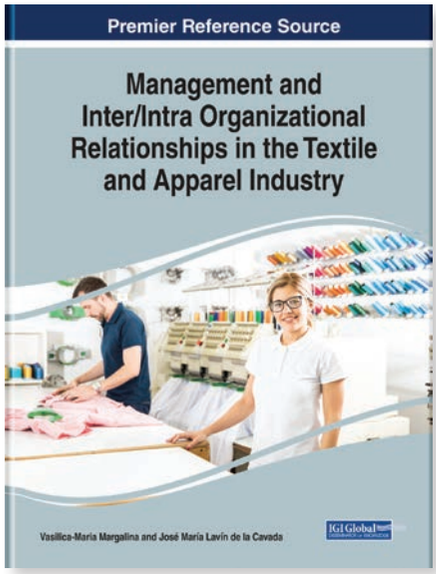

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Profs. Vasilica-Maria Margalina (Technical University of Ambato, Ecuador) and José M. Lavín (CESINE University Centre, Spain)

Description:

Numerous clothing industries face highly dynamic environments, and growth in this environment depends upon both external and internal factors. External factors are represented by aggressive competition and volatile product demand. Internally, the industry must face an increasingly shorter life cycle of the product and the need to innovate both product and organizational development. The competitive advantage of the industry lies in its ability to design a value-creating system based on the management of both external and internal relationships. The successful management of these relationships relies not only on successful customer relationship management but also on effective product supply and demand upkeep.

Management and Inter/Intra Organizational Relationships in the Textile and Apparel Industry provides emerging research exploring relevant theoretical frameworks and the latest empirical research underlining the complexity of management applications within the textile industry. Featuring coverage on a broad range of topics such as consumer relationships, cultural identity, and organizational culture, this book is ideally designed for researchers, academicians, professionals, and students working in various disciplines including management, industrial organization, organizational behavior, human resource management, decision science, design science, and information and communication. Moreover, the book will provide insights and support executives and managers of the textile and apparel industry concerned with the ethic design, contamination, and the management relationships with workers, customers, suppliers, the community, and organizational development.

Topics Covered:

- Brand Management
- Business Partnerships
- Consumer Relationships
- Corporate Responsibility
- Cultural Identity
- Family Business
- Organizational Culture
- Social Media
- Sustainability
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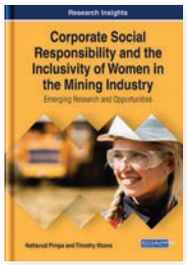

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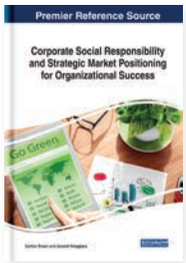

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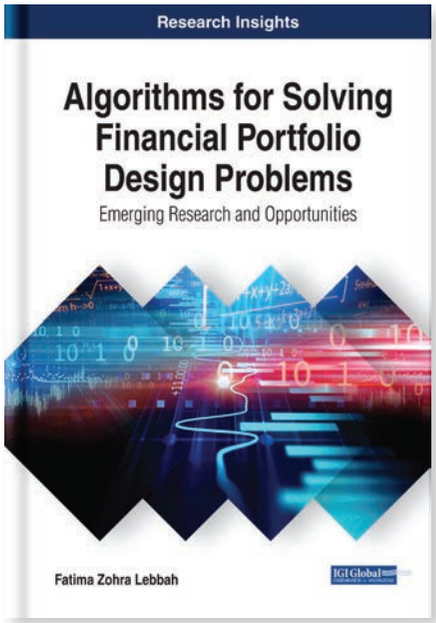

Description:

In the current scope of economics, the management of client portfolios has become a considerable problem within financial institutions due to the amount of risk that goes into assigning assets. Various algorithmic models exist for solving these portfolio challenges; however, considerable research is lacking that further explains these design problems and provides applicable solutions to these imperative issues.

Algorithms for Solving Financial Portfolio Design Problems: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the application of various programming models within the financial engineering field. While highlighting topics such as landscape analysis, breaking symmetries, and linear programming, this publication analyzes the quadratic constraints of current portfolios and provides algorithmic solutions to maximizing the full value of these financial sets. This book is ideally designed for financial strategists, engineers, programmers, mathematicians, banking professionals, researchers, academicians, and students seeking current research on recent mathematical advances within financial engineering.

Topics Covered:

- Breaking Symmetries
- Financial Risks
- Global Search
- Greedy Algorithms
- Landscape Analysis
- Linear Programming
- Local Search
- Matricial Models
- Neighborhood Function
- Programming Performance

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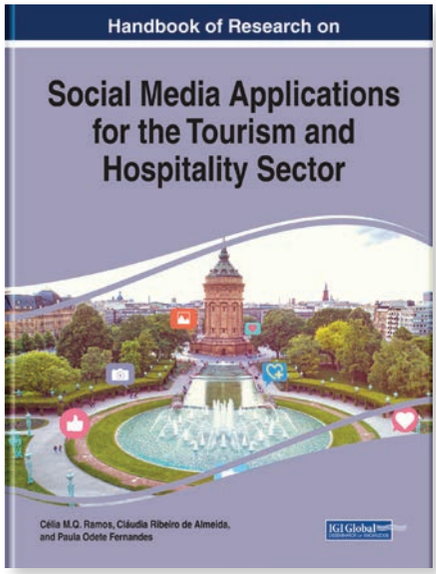

社交媒体在旅游和酒店业的应用研究手册

Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Célia M.Q. Ramos (University of Algarve, Portugal), Cláudia Ribeiro de Almeida (University of Algarve, Portugal), and Paula Odete Fernandes (Polytechnic Institute of Bragança, Portugal)

ISBN: 9781799819479
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Pages: 477

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Description:

Tourists frequently rely on social networks to provide information about a product or destination as a decision support tool to make adequate decisions in the process of planning a trip. In this digital environment, tourists share their travel experiences, impressions, emotions, special moments, and opinions about an assortment of tourist services like hotels, restaurants, airlines, and car rental services, all of which contribute to the online reputation of a tourist destination.

The **Handbook of Research on Social Media Applications for the Tourism and Hospitality Sector** is a fundamental reference source that provides vital theoretical frameworks and the latest innovative empirical research findings of online social media in the tourism industry. While highlighting topics such as e-business, mobile marketing, and smart tourism, this publication explores user-generated content and the methods of mobile strategies. This book is ideally designed for tour developers, travel agents, restaurateurs, hotel management, tour directors, entrepreneurs, social media analysts, managers, industry professionals, academicians, researchers, and students.

Topics Covered:

- Business Intelligence
- Business Performance
- Consumer Behaviors
- Customer Engagement
- Data Mining
- E-Business
- Global Business
- Influencers
- Mobile Marketing
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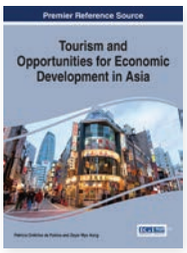

Tourism and Opportunities for Economic Development in Asia
© 2017; 341 pp.

欧亚经济联盟区域一体化与未来合作倡议

Part of the Advances in Finance, Accounting, and Economics Book Series

Prof. Maria Lagutina (Saint Petersburg State University, Russia)

Description:

The integration of the Eurasian Economic Union has been under constant development as officials try to successfully implement new economic policies within its various regions. Introducing a new policy such as this creates the formation of new markets, the improvement of cooperation initiatives, as well as a new legislative base and supplementations. These continual alterations require updated analysis and research for political leaders to follow regarding provincial incorporation methods.

Regional Integration and Future Cooperation Initiatives in the Eurasian Economic Union is an essential reference source that discusses the conceptual and empirical frameworks of the current phase of Eurasian integration as well as its economic impact. Featuring research on topics such as multilateral cooperation, free trade, and international views, this book is ideally designed for politicians, economists, strategists, public relations specialists, research scholars, policymakers, students, and academicians seeking coverage on regional integration issues in modern Eurasia.

Topics Covered:

- Classical Eurasianism
- Economic Conjugation
- Foreign Investment
- Free Trade
- Integration Development
- International Views
- Macroeconomics
- Multilateral Cooperation
- Pragmatic Eurasianism
- Russian Initiatives

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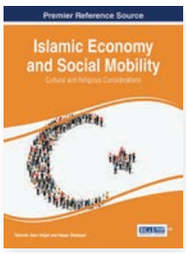

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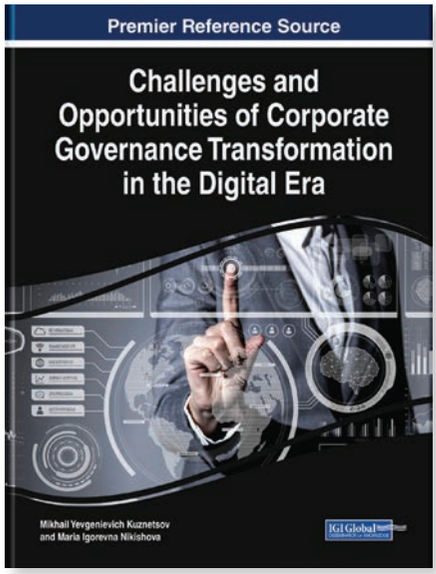

数字化时代公司治理变革的挑战与机遇

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Profs. Mikhail Yevgenievich Kuznetsov (Moscow State University, Russia) and Maria Igorevna Nikishova (Financial University Under the Government of the Russian Federation, Russia)

Description:

While corporate governance has been a successful concept throughout the centuries, it is in question whether this concept can remain sustainable in the digital era and during a time of technological and managerial disruption. Under the pressure of new economic, social, and ecologic challenges, it is vital to understand how this concept needs to transform.

Challenges and Opportunities of Corporate Governance Transformation in the Digital Era is an essential reference source that discusses concepts, trends, and forecasts of corporate governance and examines its transformation under the pressure of new technologies and economic changes. Featuring research on topics such as corporate identity, e-commerce, and cost management, this book is ideally designed for corporate leaders, managers, executives, business professionals, consultants, professors, researchers, and students.

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Pages: 230

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Topics Covered:

- Artificial Intelligence
- Business Reputation
- Corporate Identity
- Cost Management
- Data Analysis
- Digital Economy
- E-Commerce
- International Business
- Leadership Roles
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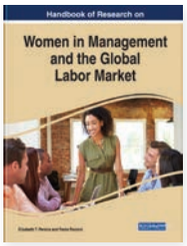

Handbook of Research on Women in Management and the Global Labor Market
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工业4.0时代企业管理与沟通剖析

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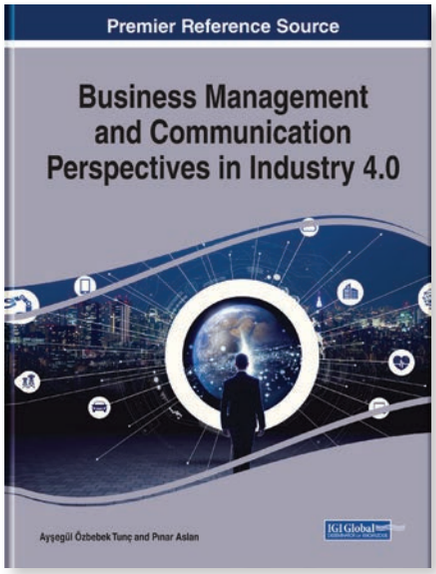
Profs. Ayşegül Özbebek Tunç (Istanbul University, Turkey) and Pınar Aslan (Bursa Technical University, Turkey)



Description:

Changes in the global economy bring new dynamics, concepts, and implications that require digitalization and adaptation. The new "normal" has changed, and companies must adopt such strategies if they want to survive in the ever-changing business environments.

Business Management and Communication Perspectives in Industry 4.0 is a pivotal reference source that provides vital research on the planning, implementing, and evaluating of strategies for the new industry standards. While highlighting topics such as artificial intelligence, digital leadership, and management science, this publication theorizes about tomorrow's business and communication environments based on the past and present of the concepts. This book is ideally designed for managers, researchers, educators, students, professionals, and policymakers seeking current research on blending managerial and communicational concepts with a multidisciplinary approach.

Topics Covered:

- Artificial Intelligence
- Business Technologies
- Crisis Management
- Data Analysis
- Digital Leadership
- Digital Marketing
- Management Science
- Risk Management
- Social Media
- Supply Chain Management

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Profs. Shirin Alavi (Jaypee Institute of Information Technology, India) and Vandana Ahuja (Amity Business School, Amity University, Noida, India)

Description:

Social media platforms are powerful tools that can help organizations to gather user preferences and build profiles of consumers. These sites add value to business activities, including market research, co-creation, new product development, and brand and customer management. Understanding and correctly incorporating these tools into daily business operations is essential for organizational success.

Managing Social Media Practices in the Digital Economy is an essential reference source that facilitates an understanding of diverse social media tools and platforms and their impact on society, business, and the economy and illustrates how online communities can benefit the domains of marketing, finance, and information technology. Featuring research on topics such as mobile technology, service quality, and consumer engagement, this book is ideally designed for managers, managing directors, executives, marketers, industry professionals, social media analysts, academicians, researchers, and students.

Topics Covered:

- Community Trust
- Consumer Engagement
- Content Generation
- Maintaining Relationships
- Marketing
- Mobile Technology
- Networking
- Online Communities
- Service Quality
- Virtual Environments

Related Books

Product Innovation through Knowledge Management and Social Media Strategies
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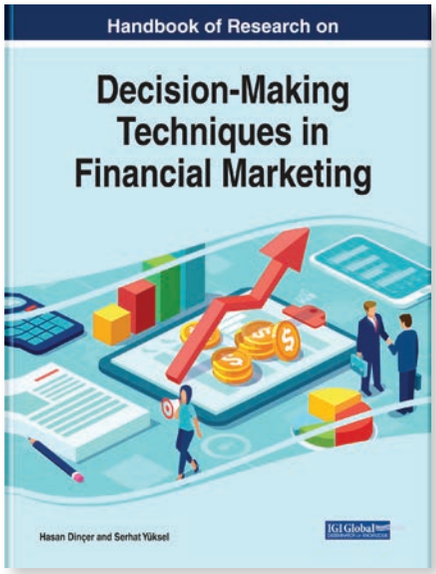

Description:

Consumer needs and demands are constantly changing. Because of this, marketing science and finance have their own concepts and theoretical backgrounds for evaluating consumer-related challenges. However, examining the function of finance with a marketing discipline can help to better understand internal management processes and compete in today's market.

The **Handbook of Research on Decision-Making Techniques in Financial Marketing** is a collection of innovative research that integrates financial and marketing functions to make better sense of the workplace environment and business-related challenges. Different financial challenges are taken into consideration while many of them are based on marketing theories such as agency theory, product life cycle, and optimal consumer experience. While highlighting topics including behavioral financing, corporate ethics, and Islamic banking, this book is ideally designed for financiers, marketers, financial analysts, marketing strategists, researchers, policymakers, government officials, academicians, students, and industry professionals.

Topics Covered:

- Behavioral Financing
- Competition Intelligence
- Corporate Ethics
- Crypto Currency
- Environmental Sustainability
- Foreign Direct Investment
- Globalization
- Investment Behavior
- Islamic Banking
- Risk Management

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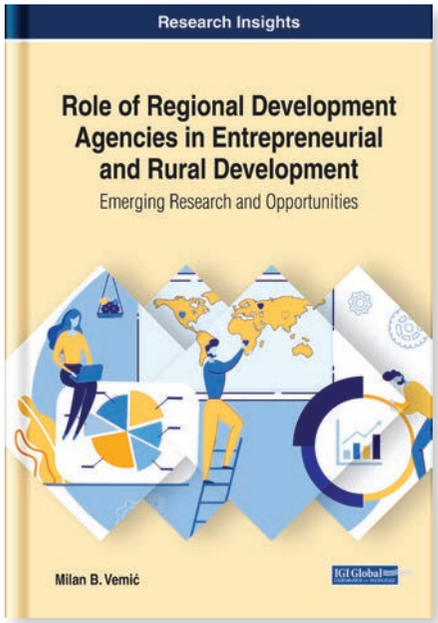

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Prof. Milan B. Vemić (Union – Nikola Tesla University, Serbia)

Description:

Investors are instrumental in the development of new businesses and can be a key component of future success. However, for business ventures outside the general urban environment, communicating with potential sponsors may be difficult.

Role of Regional Development Agencies in Entrepreneurial and Rural Development: Emerging Research and Opportunities explores the theoretical and practical aspects of regional economic development and applications within entrepreneurship and provides guidance on how to establish the agencies and implement sustainable development. Featuring coverage on a broad range of topics such as leadership management, organization culture, and socio-economic systems, this book is ideally designed for entrepreneurs, developers, small and medium enterprises, business associations, bankers, financial organizations, researchers, business professionals, academicians, and students.

Topics Covered:

- Economic Development
- Entrepreneurship
- Leadership Management
- Market Economy
- National Policy
- Organization Culture
- Peripheral Economy
- Rural Entrepreneurship
- Small and Medium Enterprises
- Socio-Economic Systems

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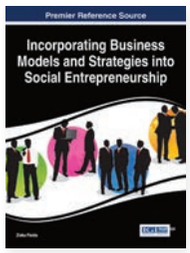

Incorporating Business Models and Strategies into Social Entrepreneurship
© 2016; 362 pp.

Handbook of Research on Entrepreneurship in the Contemporary Knowledge-Based Global Economy
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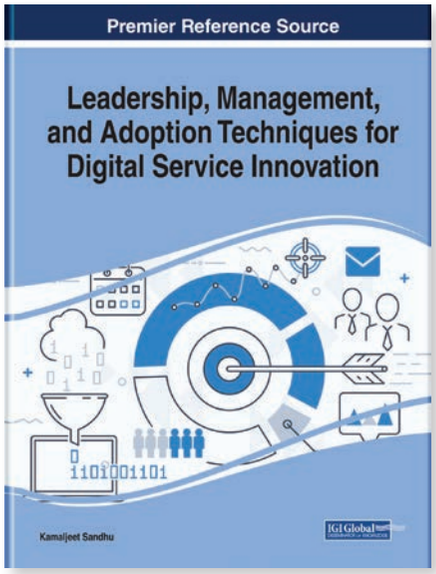
Prof. Kamaljeet Sandhu (University of New England, Australia)



Description:

There are many advantages to incorporating digital services in business, including improved data management, higher transparency, personalized customer service, and cost reduction. Innovation is a key driver to how digital services are formed, developed, delivered, and used by consumers, employees, and employers. The largest differentiator comes from having a digitally empowered workforce. Companies increasingly need digital workers to establish greater digital skills to bear on every activity. Business leaders especially need to steer digital priorities, drive innovation, and develop digital platforms.

Leadership, Management, and Adoption Techniques for Digital Service Innovation is an essential reference source that discusses the adoption of digital services in multiple industries and presents digital technologies to address and further advance innovation to drive successful solutions. Featuring research on topics such as cloud computing, digital business, and value creation, this book is ideally designed for managers, leaders, executives, directors, IT consultants, academicians, researchers, industry professionals, students, and practitioners.

Topics Covered:

- Business Relationships
- Cloud Computing
- Consumer Engagement
- Corporate Social Responsibility
- Digital Business
- E-Commerce
- Effective Leadership
- Lifelong Learning
- Service Quality
- Value Creation

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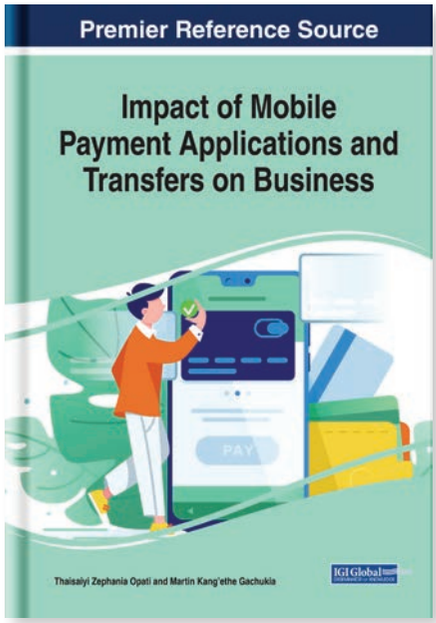

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Description:

Consumers continue to rely heavily on their phones to complete such tasks as transferring funds between banks or accounts, depositing or withdrawing funds, paying bills, and purchasing items. Mobile money users are oftentimes more financially resilient and can protect themselves better against economic and other shocks. Moreover, mobile money can increase the velocity of money in circulation because it reduces the transactions and time costs of making retail payments. As such, understanding the impact of mobile payments is imperative for businesses and the economy.

Impact of Mobile Payment Applications and Transfers on Business is a pivotal reference source that provides vital research on mobile money transfer and its impact in social, corporate, and micro- and macro-policies concerning the aggregate economy and individual households as a whole within an economy. It covers the impact, innovations, business-to-business transformations, regulatory framework, challenges, and ethical issues surrounding mobile money transfers around the world. This book is ideally designed for economists, financial analysts, business managers, leaders, scholars, practitioners, researchers, and students in fields that include management, finance, economics, commerce, and leadership.

Topics Covered:

- Artificial Intelligence
- Consumer Behavior
- Digital Crime
- Digital Loans
- Electronic Payment System
- Financial Inclusion
- Loan Processing
- Mobile Money
- Mobile Technology
- Risk Management

Related Books

Encyclopedia of E-Commerce Development, Implementation, and Management (3 Vols.)
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E-Retailing Challenges and Opportunities in the Global Marketplace
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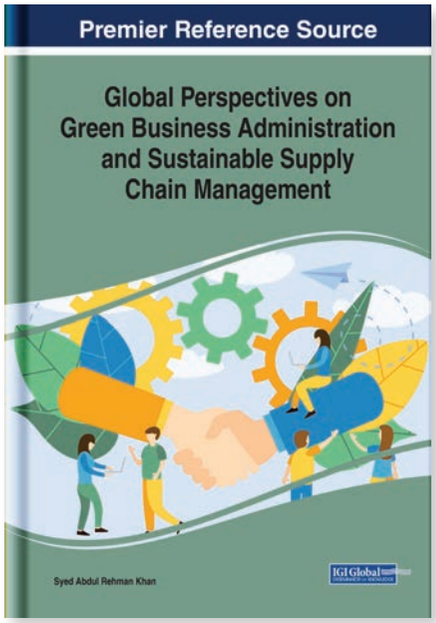

Description:

Heavy industrialization in the past few decades has caused several global environmental issues including poor air quality, climate change, and outdoor air pollution-related diseases. As such, consumer pressure coupled with strict governmental policies have influenced firms to adopt and implement green practices in their supply chain and business operations in order to improve socio-environmental sustainability.

Global Perspectives on Green Business Administration and Sustainable Supply Chain Management is an essential reference book that discusses innovative green practices including recycling, remanufacturing, reduction in waste and adoption of renewable energy in manufacturing. It also examines environmentally friendly policies that have been adopted by many European and Western countries. Featuring coverage on a broad range of topics such as energy analysis, environmental protections, and logistics development, this book is ideally designed for managers, operations managers, executives, manufacturers, environmentalists, researchers, industry practitioners, academicians, and students.

Topics Covered:

- Agriculture Products
- Cooperative Environment
- Energy Analysis
- Environmental Protection
- Green Finance
- Green Logistics
- Logistics Development
- Network Systems
- Renewable Resources
- Sustainability

ISBN: 9781799821731
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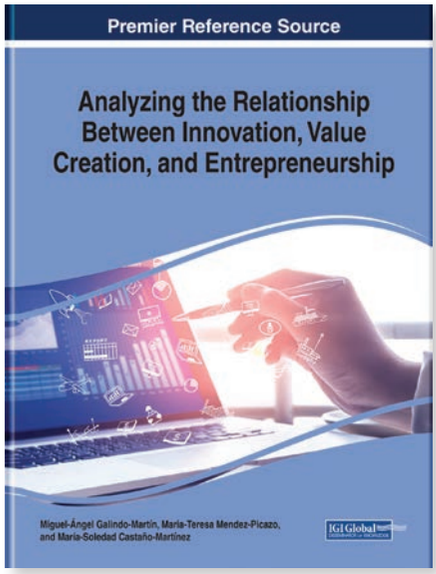

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Description:

Innovation stimulates and facilitates entrepreneurship because the highest levels of entrepreneurship are to be found in societies with the highest value creation and digital dividends. The higher levels of consumption, employment, and cost reduction generated by the implementation of digital technologies motivates entrepreneurs to expand their activity and promotes the emergence of new entrepreneurs. Positive outcomes can be generated by the implementation of innovation leaders to higher competition and new markets, incentivizing entrepreneurs to introduce new innovations to react to these higher levels of competition, which are accompanied by their corresponding value creation.

Analyzing the Relationship Between Innovation, Value Creation, and Entrepreneurship is a pivotal reference source that analyzes the theoretical and empirical aspects of innovation as a factor that enhances value creation and the role of entrepreneurship. While highlighting topics such as data management, social enterprise, and digital marketing, this publication explores enhanced economic growth and the methods of higher levels of consumption in society. This book is ideally designed for corporate managers, business executives, academicians, students, and researchers seeking current research on interrelationships between financial variables, strategies to apply them at the micro- and macro-level, and a consideration of the fiscal effects once implemented.

Topics Covered:

- Business Competitiveness
- Data Management
- Digital Marketing
- Economic Cycle
- Human Capital
- Resource Management
- Social Enterprise
- Social Entrepreneurship
- Sustainable Development
- World Economics

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© 2020; 490 pp.

中欧与东欧旅游业的新趋势与机遇

Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Prof. Puiu Nistoreanu (The Bucharest University of Economic Studies, Romania)

Description:

Within the past decade, there has been a re-emergence of tourism in Europe, especially in the central and eastern regions. With socialism becoming a distant memory, these former communist countries are now attractive destinations for travel. Research on this current phenomenon is essential, as professionals and scientists must stay informed on the modern development of this global region.

New Trends and Opportunities for Central and Eastern European Tourism provides emerging research exploring the theoretical and practical aspects of contemporary tourism in Eastern Europe and its effect on economics and sociology. Featuring coverage on a broad range of topics such as monument protection, economic features, and socialist architecture, this book is ideally designed for travel agents, tour developers, restaurateurs, hotel management, economic analysts, government officials, policymakers, tourism journalists, tourism practitioners, researchers, and professors seeking current research on the development of travel in Eastern and Central Europe.

Topics Covered:

- Economic Features
- Foreign Language Skills
- Hospitality Workforce
- MICE Industry
- Monument Protection
- Mountain Tourism
- Rural Tourism
- Social Features
- Socialist Architecture
- Sustainable Development

ISBN: 9781799814238
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Pages: 338

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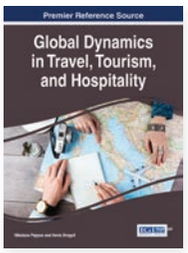

Global Dynamics in Travel, Tourism, and Hospitality
© 2016; 372 pp.

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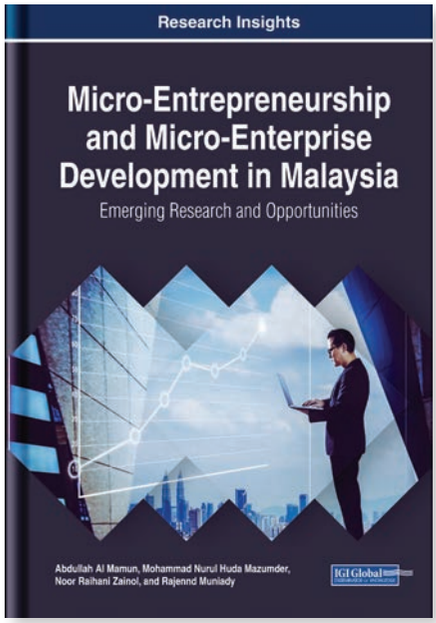

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Profs. Abdullah Al Mamun (UCSI University, Malaysia), Mohammad Nurul Huda Mazumder (George Brown College, Canada), Noor Raihani Zainol (Universiti Malaysia Kelantan (UMK), Malaysia), and Rajennd Muniady (New Era University College (NEUC), Malaysia)

Description:

Developing nations currently utilize various methods and practices used in most entrepreneurial activities. Manipulating these processes to work in a categorically low-income area, however, can be challenging.

Micro-Entrepreneurship and Micro-Enterprise Development in Malaysia: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of entrepreneurial promotional programs and applications within global economics. Featuring coverage on a broad range of topics such as emerging economics, organizational development, and gender diversity, this book is ideally designed for entrepreneurs, policymakers, governmental and non-governmental organizations, business professionals, academics, researchers, and students seeking current research on improving the socio-economic condition of low-income households through various entrepreneurial activities.

Topics Covered:

- Economic Growth
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- Emerging Economies
- Entrepreneurship
- Gender Diversity
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- Organizational Development
- Quality of Life
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- Social Capital

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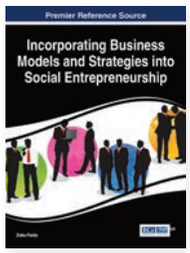

Incorporating Business Models and Strategies into Social Entrepreneurship
© 2016; 362 pp.

Entrepreneurship: Concepts, Methodologies, Tools, and Applications (4 Vols.)
© 2017; 2,128 pp.

提高中小企业竞争力研究手册

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Description:

Countries have been competing against each other in order to attract financial investment and human capital for decades. However, emerging economies have a long way to go before they achieve the same levels of competitiveness as a developed economy. Lack of firm institutions, inadequate infrastructure, and a lack of trust in the legal system are urgent and unavoidable factors that emerging economies must address.

The **Handbook of Research on Increasing the Competitiveness of SMEs** provides innovative insights on integrating, adapting, and building models and strategies compatible with the development of competitiveness in small and medium enterprises in emerging countries. The content within this publication examines quality management, organizational leadership, and digital security. It is designed for policymakers, entrepreneurs, managers, executives, business professionals, academicians, researchers, and students.

ISBN: 9781522594253
Release Date: December, 2019
Copyright: 2020
Pages: 712

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Business Ethics
- Cultural Diversity
- Digital Security
- Emerging Economies
- Global Entrepreneurship
- Open Business
- Organizational Leadership
- Quality Management
- Resource Management
- Shadow Economy

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Related Books

Handbook of Research on Intrapreneurship and Organizational Sustainability in SMEs
© 2018; 475 pp.

Organizational Culture and Behavior: Concepts, Methodologies, Tools, and Applications (4 Vols.)
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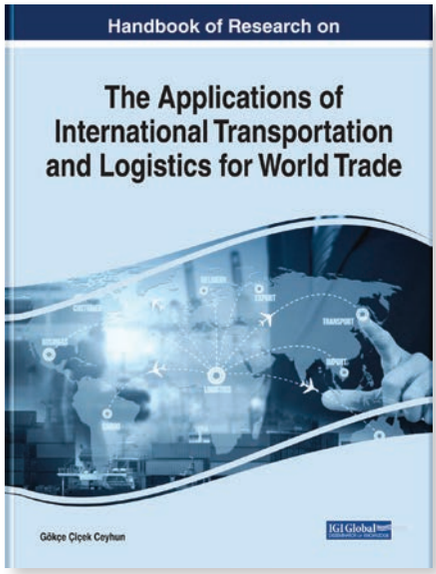

国际运输与物流在世界贸易中的应用研究手册

Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Gökçe Çiçek Ceyhun (Bursa Technical University, Turkey)

ISBN: 9781799813972
Release Date: December, 2019
Copyright: 2020
Pages: 578

Pricing:

Hardcover: US $345.00
E-Book: US $345.00

Description:

In today's developing world, international trade is a field that is rapidly growing. Within this economic market, traders need to implement new approaches in order to satisfy consumers' rising demands. Due to the high level of competition, merchants have focused on developing new transportation and logistics strategies. In order to execute effective transportation tactics, decision makers need to know the fundamentals, current developments, and future trends of intercontinental transportation.

The **Handbook of Research on the Applications of International Transportation and Logistics for World Trade** provides emerging research exploring the effective and productive solutions to global transportation and logistics by applying fundamental and in-depth knowledge together with current applications and future aspects. Featuring coverage on a broad range of topics such as international regulations, inventory management, and distribution networks, this book is ideally designed for logistics authorities, trading companies, logistics operators, transportation specialists, government officials, managers, policymakers, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Customer Service
- Distribution Networks
- Green Logistics
- International Regulations
- Inventory Management
- Logistics Activities
- Supply Chain Management
- Transportation Management
- Warehousing

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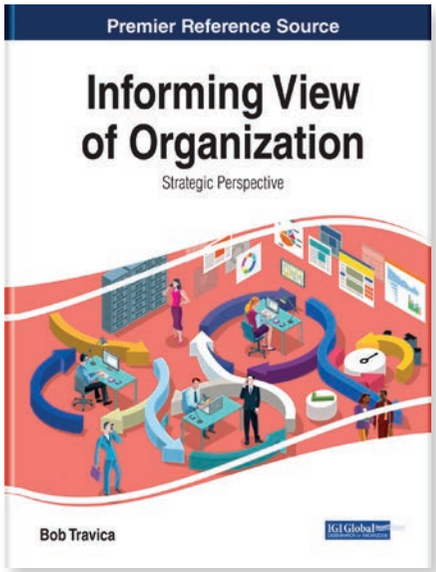
Prof. Bob Travica (University of Manitoba, Canada)



Description:

Businesses are incorporating automated processes and information technology, as cost cutters or productivity boosters, into their business strategy now more than ever. However, as information systems (IS) research is further focusing on IS strategy, as well as advancing business strategy research, there is a need to examine the increasing integration of technology and automation through a clear framework. Informing View of Organization is such a framework.

Informing View of Organization: Strategic Perspective features coverage on a wide range of topics such as group informatics, infoprocesses, and big data. This book is ideally designed for academics, students, managers, information technology professionals, computer engineers, programmers, and researchers interested in organization-technology interaction.

Topics Covered:

- Automation
- Big Data
- Blue Ocean Strategy
- Cloud Computing
- Critical Realism
- Disruptive Innovation
- Dynamic Capabilities
- Group Informatics
- Infoculture
- Infoeconomics
- Infopolitics
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- Internet of Things
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ISBN: 9781799827603
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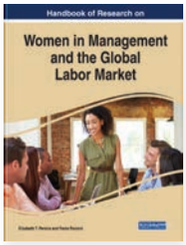

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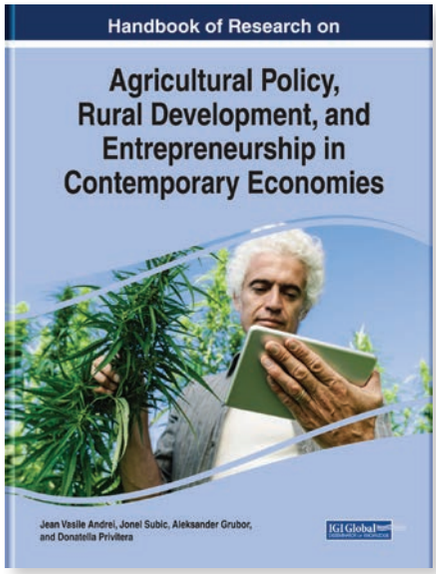

当代经济的农业政策、农村发展与企业家精神研究手册（丛书）

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. Andrei Jean Vasile (Petroleum-Gas University of Ploiesti, Romania), Jonel Subic (Institute of Agricultural Economics, Serbia), Aleksander Grubor (University of Novi Sad, Serbia), and Donatella Privitera (University of Catania, Italy)

ISBN: 9781522598374
Release Date: November, 2019
Copyright: 2020
Pages: 573

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Description:

Promoting rural entrepreneurship is a necessary step to limit the negative effects of classical agricultural policy based on a linear process and attracting secondary resources to the economic process. The analysis of agricultural policy and rural development in conjunction to entrepreneurship in terms of production may represent a further step in understanding the role and importance of diversifying the rural potentials in contemporary economies.

The **Handbook of Research on Agricultural Policy, Rural Development, and Entrepreneurship in Contemporary Economies** is an essential publication of academic research that examines agricultural policy and its impact on shaping future resilient economy in rural areas and identifies green business models and new business patterns in rural communities. Covering a range of topics such as entrepreneurship, product management, and marketing, this book is ideal for researchers, policymakers, academicians, economists, agriculture professionals, rural developers, business investors, and students.

Topics Covered:

- Agricultural Economics
- Entrepreneurship
- Food Economics
- Green Business Models
- Marketing
- Policy
- Production Engineering
- Production Management
- Rural Economics
- Venture Capital

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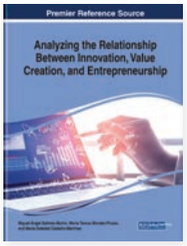

Analyzing the Relationship Between Innovation, Value Creation, and Entrepreneurship
© 2020; 374 pp.

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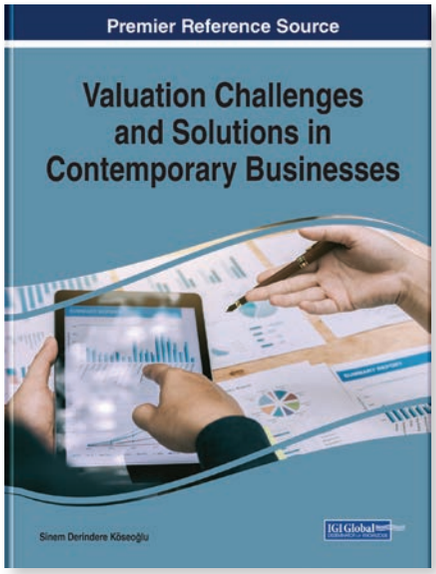
Prof. Sinem Derindere Köseoğlu (Independent Researcher, Turkey)



Description:

Defining the value of an entire company can be challenging, especially for large, highly competitive business markets. While the main goal for many companies is to increase their market value, understanding the advanced techniques and determining the best course of action to maximize profits can puzzle both academic and business professionals alike.

Valuation Challenges and Solutions in Contemporary Businesses provides emerging research exploring theoretical and practical aspects of income-based, market-based, and asset-based valuation approaches and applications within the financial sciences. Featuring coverage on a broad range of topics such as growth rate, diverse business, and market value, this book is ideally designed for financial officers, business professionals, company managers, CEOs, corporate professionals, academicians, researchers, and students seeking current research on the challenging aspects of firm valuation and an assortment of possible solution-driven concepts.

Topics Covered:

- Cash Flow
- Diverse Business
- Diverse Companies
- Entrepreneurship
- Financial Services
- Global Business
- Growth Rate
- Market Value
- Negative Earnings
- Risk Management

ISBN: 9781799810865
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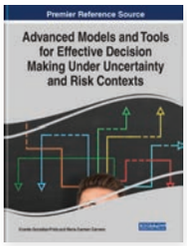

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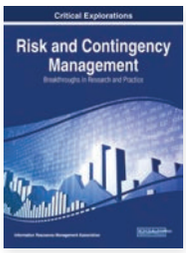

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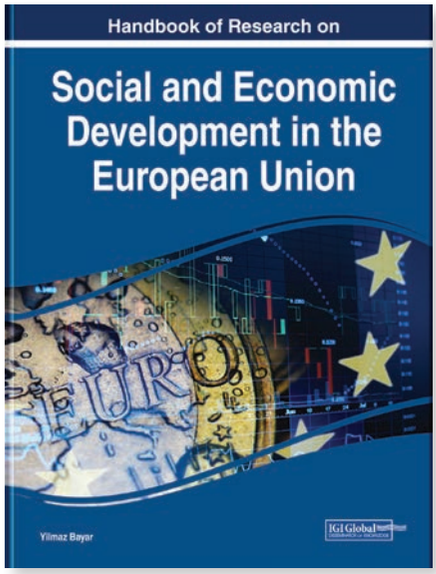

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Prof. Yilmaz Bayar (Uşak University, Turkey)

Description:

The EU has experienced serious economic and political crises such as the sovereign debt crisis and Brexit in the past few years. However, despite these issues, the EU has implemented considerable institutional, fiscal, and collective improvements during the unification process to continue as a significant actor in the global economy.

The **Handbook of Research on Social and Economic Development in the European Union** provides a multidisciplinary evaluation of the institutional, economic, and social development of the European Union and makes inferences for the future dynamics and collaborations of the EU, the global economy, and other countries. Featuring coverage on a broad range of topics such as energy security, gender discrimination, and global economics, this book is ideally designed for government officials, policymakers, world leaders, politicians, diplomats, international relations officers, economists, business professionals, historians, market analysts, academicians, researchers, and students concerned about the multifaceted integration processes surrounding the EU.

ISBN: 9781799811886
Release Date: November, 2019
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Pages: 614

Pricing:

Hardcover: US $295.00
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Topics Covered:

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- Cultural Adaptation
- Economics
- Energy Security
- Environmental Sustainability
- European Identity
- Gender Discrimination
- Global Economy
- Income Inequality
- International Relations

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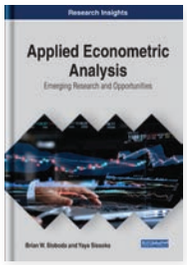

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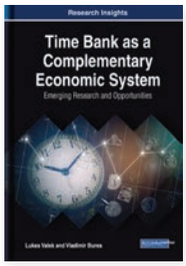

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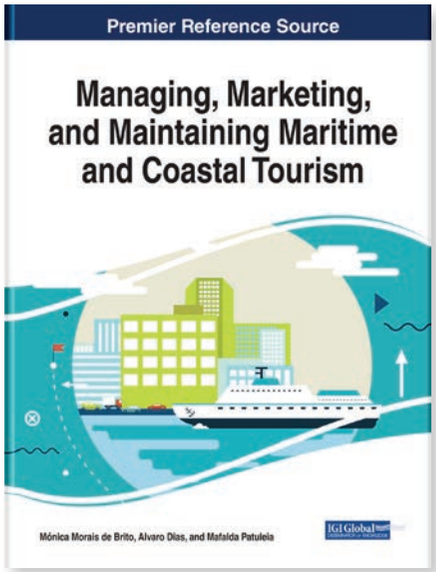
Profs. Mónica Morais de Brito (CEGOT, Portugal & Instituto Politécnico de Beja, Portugal), Alvaro Dias (Universidade Lusófona de Humanidades e Tecnologias, Portugal & ISCTE, Instituto Universitário de Lisboa, Portugal), and Mafalda Patuleia (Universidade Lusófona de Humanidades e Tecnologias, Portugal)



Description:

The extraordinary beauty, cultural wealth, and diversity of EU's coastal areas have designated them as one of the preferred destinations for many holiday-goers. The numerous businesses that operate in these heavily traveled areas have to struggle with other similarly-minded companies and with providing sustainable practices for the people and surrounding area.

Managing, Marketing, and Maintaining Maritime and Coastal Tourism is a pivotal reference source that provides vital material on the application of multidisciplinary and interdisciplinarity logic surrounding sea tourism. While highlighting topics such as destination marketing, event management, and global business, this publication explores the dynamic capabilities and the methods of overall management of hospitality by the sea. This book is ideally designed for marketers, advertisers, tour directors, cruise directors, travel agents, port managers, coastal cities managers, event coordinators, academics, students, researchers, policymakers, public managers, and tourism entrepreneurs.

Topics Covered:

- Blue Economy
- Branding
- Coastal Planning
- Creative Entrepreneurship
- Destination Marketing
- Event Management
- Global Business
- Risk Management
- Sea Tourism
- Sustainability

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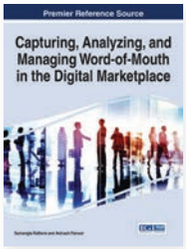

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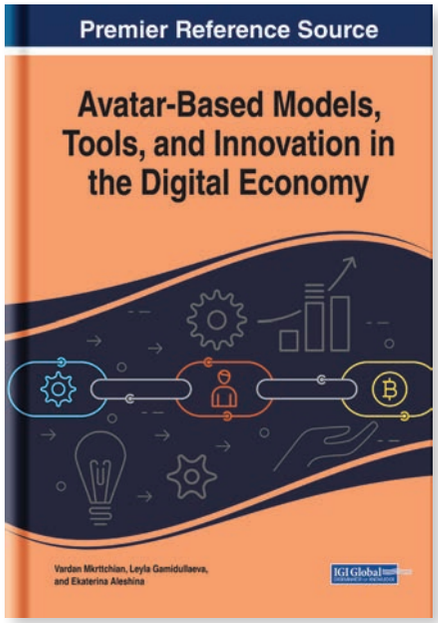

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Profs. Vardan Mkrttchian (HHH University, Australia), Leyla Gamidullaeva (Penza State University, Russia), and Ekaterina Aleshina (Penza State University, Russia)

Description:

Fierce competition in today's global market offers a powerful motivation for developing even more sophisticated and multi-functional technology tools. Implementing these specific techniques and strategies benefits global economics and contributes to the harmonization of economic interests at the micro- and macro-levels.

Avatar-Based Models, Tools, and Innovation in the Digital Economy is an essential reference source that provides a critical analysis of avatar-based models, tools, and neuro natural platforms and features developments in terms of the application of these theories and methodologies to the communication and socio-economic sphere. Featuring research on topics such as digital communications, economic development, and consumer management, this book is ideally designed for students, researchers, industry professionals, and academicians seeking coverage on combining the use of intelligence artificial and natural approaches to a variety of communication technologies.

Topics Covered:

- Artificial Intelligence
- Blockchain Technology
- Consumer Management
- Cryptography
- Digital Communications
- Economic Development
- Economic Interests
- Innovation Management
- Political Conflict
- Virtual Communities

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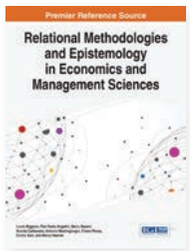

Relational Methodologies and Epistemology in Economics and Management Sciences
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Handbook of Research on Emergent Applications of Optimization Algorithms (2 Vols.)
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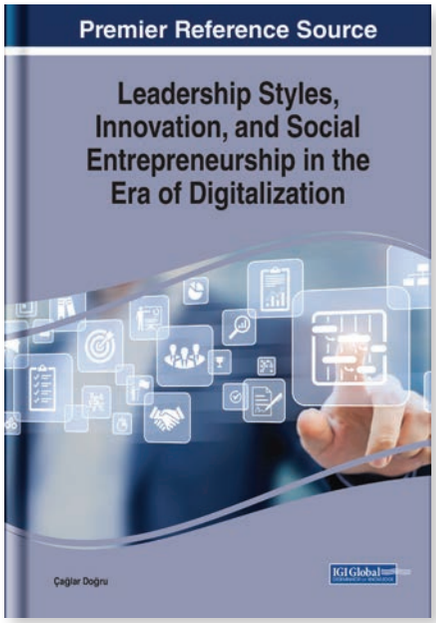

Description:

Leaders are the most important element of an organization in regards to reaching organizational goals, motivating followers to perform better, and creating an innovative work environment. To conform with successful corporate social responsibility implementations, social entrepreneurship practices have gained more importance with the development of digital technology.

Leadership Styles, Innovation, and Social Entrepreneurship in the Era of Digitalization is a pivotal reference source that provides vital research on the application of business organizations operating in a global, complex environment. While highlighting topics such as business ethics, operations management, and social capital, this publication explores recent technological advances and the methods of the latest management skills and techniques. This book is ideally designed for human resources professionals, managers, leaders, executives, CEOs, specialists, consultants, researchers, students, and professors seeking current research on human resources management and management information systems in a digital society.

Topics Covered:

- Business Ethics
- Digital Media
- Diversity Management
- E-Business
- Entrepreneurial Leadership
- Innovative Networks
- Operations Management
- Organizational Research
- Social Capital
- Strategic Business

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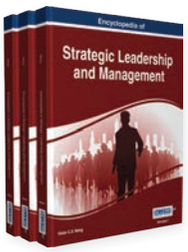
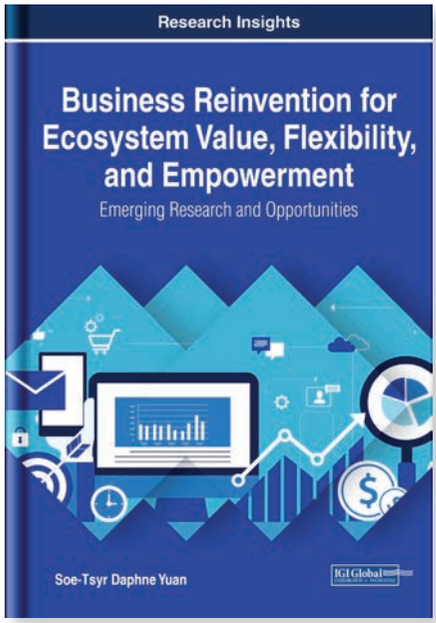


Encyclopedia of Strategic Leadership and Management (3 Vols.)
© 2017; 1,793 pp.



面向生态系统价值、灵活性与赋权的业务再造：新兴研究与机遇

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Soe-Tsyr Daphne Yuan (National Chengchi University, Taiwan)

ISBN: 9781799815501
Release Date: November, 2019
Copyright: 2020
Pages: 230

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Description:

The success of a business is largely determined by how adaptably it can facilitate innovative digital architectures and human-based resources. By redesigning this process, businesses have also changed their growth factors to incorporate a more service-driven ecosystem focused on a configuration of resources, talent, and technologies.

Business Reinvention for Ecosystem Value, Flexibility, and Empowerment: Emerging Research and Opportunities provides a holistic view of how a business sets the proper mindset in light of a plethora of digital technologies, how to systematically choreograph the right components for the reinvention, and how to strategically undertake the change journey. The content within this publication examines human value, digital business, and strategic ecosystem. It is designed for academicians, corporate managers, executives, researchers, and students.

Topics Covered:

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- Customer Variability
- Digital Business
- Economic Quality and Growth
- Financial Performance
- Human Value
- Management Systems
- Multi-Disciplinary Innovation
- Service Ecosystem

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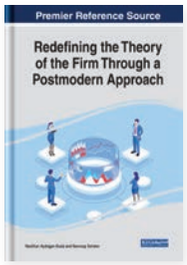

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Comparative Economics and Regional Development in Turkey
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网络广告对企业绩效的影响

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Profs. Tereza Semerádová (Technical University of Liberec, Czech Republic) and Petr Weinlich (Technical University of Liberec, Czech Republic)

Description:

Creating a brand´s image to ultimately sell promoted products has made digital advertising a key instrument for reaching marketing and business goals for many companies. In order to expand fan bases, promote company culture, and engage in communication with current customers, business professionals have made monitoring the impact of their advertisements a fundamental priority.

Impacts of Online Advertising on Business Performance is a collection of innovative research that merges the theoretical background presented in the scientific research with the practical experience and real-life data originating from real advertising campaigns and website traffic. While highlighting topics including data analytics, digital advertising, and consumer behavior, this book is ideally designed for managers, marketers, advertisers, business administrations, researchers, industry professionals, investors, academicians, and students concerned with the management of online marketing activities.

Topics Covered:

- Branding
- Consumer Behavior
- Customer Analytics
- Data Analytics
- Digital Advertising
- Digital Media
- E-Business
- E-Commerce
- Marketing Communications
- User Experience

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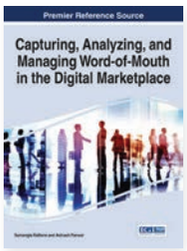
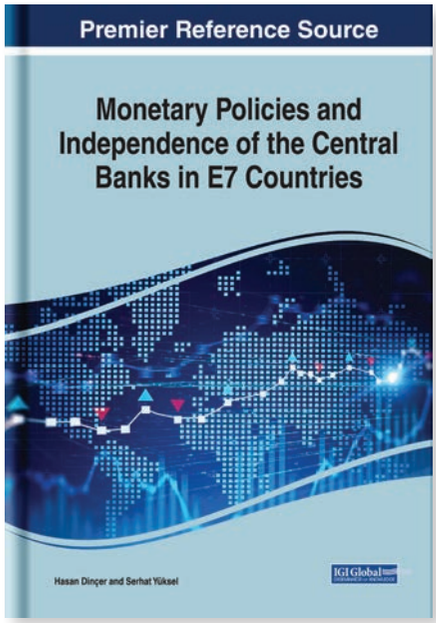


Capturing, Analyzing, and Managing Word-of-Mouth in the Digital Marketplace
© 2016; 339 pp.

Product Innovation through Knowledge Management and Social Media Strategies
© 2016; 421 pp.



E7国家中央银行的货币政策与独立性

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Profs. Hasan Dinçer (İstanbul Medipol University, Turkey) and Serhat Yüksel (İstanbul Medipol University, Turkey)

ISBN: 9781799816430
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Description:

Central banking independence is a crucial factor for sustainable economic development of multiple countries. The multiple components for such systems, however, makes it difficult to evaluate how the success of such a system may be determined.

Monetary Policies and Independence of the Central Banks in E7 Countries is an essential reference source that evaluates the effectiveness of monetary policies and the independence of central banks to contribute to economic development within seven emerging economies (E7): Brazil, China, India, Indonesia, Mexico, Russia, and Turkey. Featuring research on topics such as global economics, independent banking, and foreign investing, this book is ideally designed for financial analysts, economists, government officials, policymakers, researchers, academicians, industry professionals, and students seeking coverage on improved econometric methods for effective financial systems.

Topics Covered:

- Business Analytics
- Central Banking
- Economic Growth
- Financial Systems
- Foreign Investing
- Fuzzy Logic
- Global Economics
- Independent Banking
- Open Market
- Rate of Inflation

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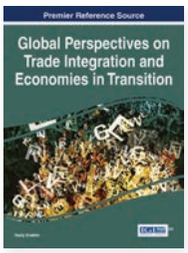

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家族企业的竞争力、组织管理与治理

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Profs. Cesar Camisón (University of Valenica, Spain) and Tomás González (University of Valencia, Spain)

Description:

The "family effect" remains a challenge for researchers interested in both the family firm's organizational form and in the effects of familial ownership on a firm's strategy, structure, and performance. Governance mechanisms, management quality, ownership concentration, and family involvement all have relevant effects in terms of influencing monitoring costs, investment decisions, the development of the portfolio of resources and capabilities, and family firm competitiveness. Nevertheless, few studies to date have opened the black box of the "family effect."

Competitiveness, Organizational Management, and Governance in Family Firms is an essential reference source that makes a clear distinction between the separation of ownership and management, on the one hand, and the institutional development of family governance instruments, on the other, to help uncover the asymmetric effects of these two choices. It also allows the examination as to which of the two strategies employed in family firms reinforce managerial capital that has a greater positive impact on the "family effect," thus helping to achieve better managerial capabilities. Featuring research on topics such as corporate governance, private business, and successional leadership, this book is ideally designed for managers, executives, CEOs, company owners, consultants, business professionals, entrepreneurs, academicians, and researchers interested in an in-depth understanding of the keys to success and survival of family-operated organizations.

Topics Covered:

- Capital Structure
- Corporate Governance
- Entrepreneurship
- Management Science
- Organizational Research
- Private Business
- Resource Management
- Risk Management
- SMEs
- Successional Leadership

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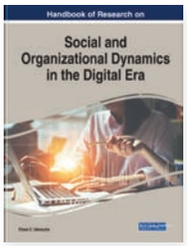

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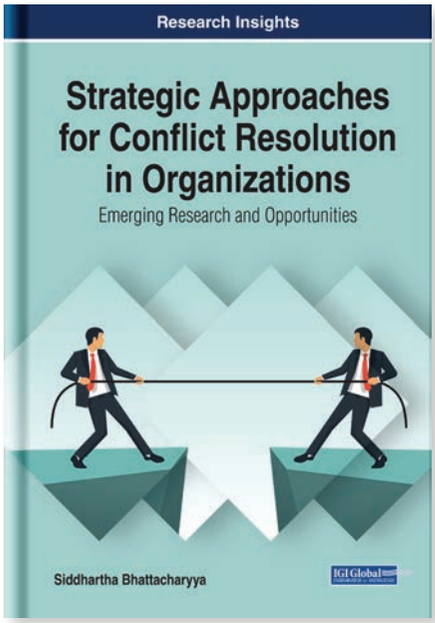

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解决组织冲突的战略方法：新兴研究和机遇

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Prof. Siddhartha Bhattacharyya (RCC Institute of Information Technology, Kolkata, India)

Description:

Disputes between peers as well as between supervisors-subordinates happen numerous times a week in the corporate environment. Although the win-win concept is the ideal orientation, the notion that there can only be one winner is constantly being reinforced in some cultures. This kind of mentality can be destructive when communicating with different cultural groups by creating barriers in negotiation, resolution, and compromise; it can also lead the “loser” to feel mediocre. When the win-win orientation is absent in negotiation, different responses to conflict may be observed.

Strategic Approaches for Conflict Resolution in Organizations: Emerging Research and Opportunities provides emerging research on approaches for conflict resolution in organizations whereby it is possible to establish congenial ambiences in different organizations, leading to better outcomes and performance. Featuring coverage on a broad range of topics such as organizational change, leaderships roles, and organizational change, this book is ideally designed for managers, human resources officials, executives, researchers, scholars, professors, industry professionals, and students interested in the current research behind the reduction, elimination, and termination of all forms of organizational conflict.

Topics Covered:

- Communication Gap
- Dysfunctional Conflict
- Global Business
- Internal Relations
- International Relations
- Leadership Roles
- Management Science
- Organizational Change
- Organizational Efficiency
- Power Struggle

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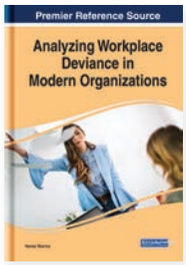
Human Capital Formation for the Fourth Industrial Revolution
© 2020; 385 pp.



Analyzing Workplace Deviance in Modern Organizations
© 2020; 354 pp.

职业技能发展的社会经济学剖析：新兴研究与机遇

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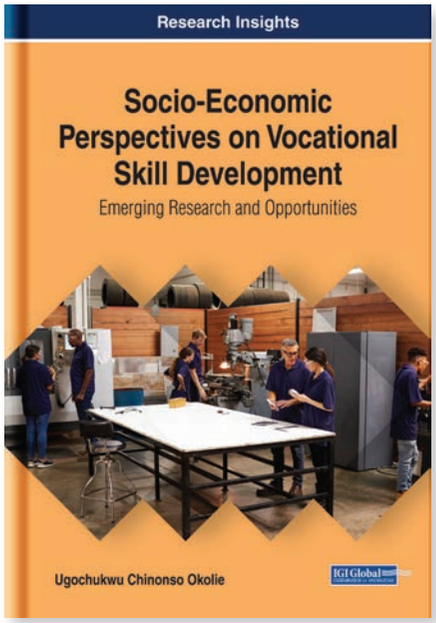
Prof. Ugochukwu Chinonso Okolie (Ebonyi State University, Nigeria)



Description:

Vocational skill development (VSD) has the capacity to contribute to poverty reduction because it serves as the key to job creation and inclusive growth. As developed nations have been faced with high youth and graduate unemployment rates, basic education and vocational skill development have become a priority of development cooperation activities. However, there is a realization that measures to improve skill training can only be successful if they are in harmony with employment and economic policies.

Socio-Economic Perspectives on Vocational Skill Development: Emerging Research and Opportunities is a collection of innovative research on the methods and applications of equipping individuals with relevant work skills and implementing effective skills systems that can lead to economic growth and high levels of productivity. While highlighting topics including human capital, professional development, and skill gaps, this book is ideally designed for managers, business professionals, policymakers, academicians, researchers, and management students seeking the current understanding of the strategic role of skill development at different levels of the socio-economic system.

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Pages: 250

Pricing:

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Topics Covered:

- Apprenticeship
- Business Education
- Gender Equality
- Human Capital
- Labor Markets
- Professional Development
- Skill Gaps
- Violence Prevention
- Work-Based Learning
- Workplace Learning

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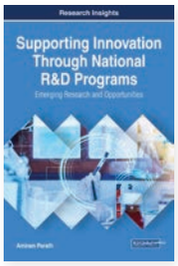

Supporting Innovation Through National R&D Programs: Emerging Research and Opportunities
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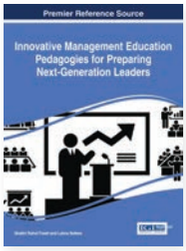

Innovative Management Education Pedagogies for Preparing Next-Generation Leaders
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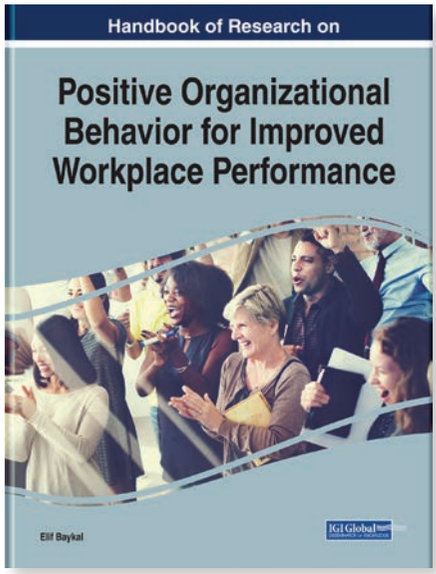

改善工作场所绩效的积极组织行为研究手册

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Elif Baykal (Istanbul Medipol University, Turkey)

Description:

Positive psychology focuses on finding the best one has to offer and repairing the worst to such a degree that one becomes a more responsible, nurturing, and altruistic citizen. However, since businesses are composed of groups and networks, using positive psychology in the workplace requires applications at both the individual and the group levels. There is a need for current studies that examine the practices and efficacy of positive psychology in creating organizational harmony by increasing an individual's wellbeing.

The **Handbook of Research on Positive Organizational Behavior for Improved Workplace Performance** is a collection of innovative research that combines the theory and practice of positive psychology as a means of ensuring happier employees and higher productivity within an organization. Featuring coverage on a broad range of topics such as team building, spirituality, and ethical leadership, this publication is ideally designed for human resources professionals, psychologists, entrepreneurs, executives, managers, organizational leaders, researchers, academicians, and students seeking current research on methods of nurturing talent and empowering individuals to lead more fulfilled, constructive lives within the workplace.

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Topics Covered:

- Coaching
- Ethical Leadership
- Followership
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- Mindfulness
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- Team Building

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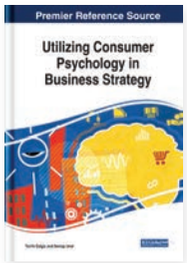

Utilizing Consumer Psychology in Business Strategy
© 2018; 325 pp.

Global Perspectives on Human Capital-Intensive Firms
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面向互联消费者的技术与营销创新研究手册

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Prof. Sumesh Singh Dadwal (Northumbia University, London, UK)

Description:

Connected customers, using a wide range of devices such as smart phones, tablets, and laptops have ushered in a new era of consumerism. Now more than ever, this change has prodded marketing departments to work with their various IT departments and technologists to expand consumers' access to content. In order to remain competitive, marketers must integrate marketing campaigns across these different devices and become proficient in using technology.

The **Handbook of Research on Innovations in Technology and Marketing for the Connected Consumer** is a pivotal reference source that develops new insights into applications of technology in marketing and explores effective ways to reach consumers through a wide range of devices. While highlighting topics such as cognitive computing, artificial intelligence, and virtual reality, this publication explores practices of technology-empowered digital marketing as well as the methods of applying practices to less developed countries. This book is ideally designed for marketers, managers, advertisers, branding teams, application developers, IT specialists, academicians, researchers, and students.

ISBN: 9781799801313
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Pages: 532

Pricing:

Hardcover: US $295.00
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Topics Covered:

- Artificial Intelligence
- Cloud Computing
- Cognitive Computing
- Cybersecurity
- Data Analytics
- Digital Marketing
- Generational Technology
- Mobile Technology
- Social Media
- Virtual Reality

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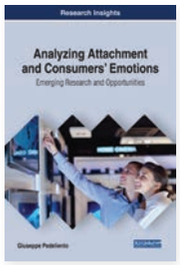

Analyzing Attachment and Consumers' Emotions: Emerging Research and Opportunities
© 2018; 308 pp.

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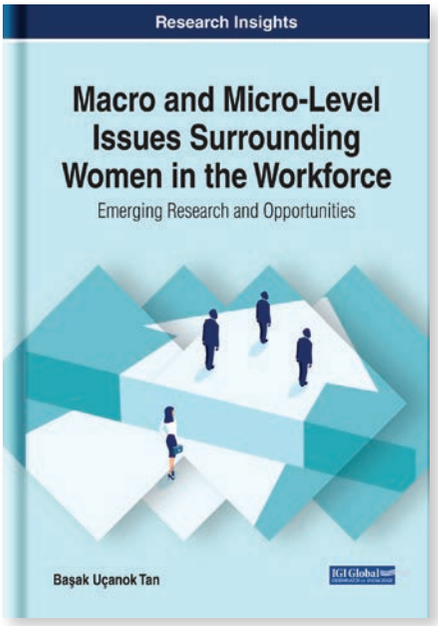

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劳动力妇女的宏观与微观问题：新兴研究与机遇

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Başak Uçanok Tan (Istanbul Bilgi University, Turkey)

Description:

With the globalization and growth of world economic markets, the importance of a strong workforce has become paramount to business success. Organizations cannot achieve this global reach unless they intend to tackle issues regarding equality in the workplace. In a time when sustainability and corporate responsibility have become the norm, organizations value the creation of an egalitarian workplace.

Macro and Micro-Level Issues Surrounding Women in the Workforce: Emerging Research and Opportunities is a critical scholarly resource that voices issues and challenges faced by women and provides guidance for organizations in developing strategic initiatives to involve women in decision-making processes and improve women's wellbeing in the workplace. The book explores macro (socio-economic) and micro-level (organizational) issues in relation to women's positions at work including occupational segregation, gender pay gap, diversity management, and socio-cultural roles attached to women. It is essential for executives, managers, executive board members, human resources professionals, policymakers, business practitioners, academicians, researchers, corporate professionals, and students.

Topics Covered:

- Cultural Challenges
- Gender Inequality
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- HR Practices
- Management
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- Organizational Culture
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- Women Entrepreneurs
- Work-Life Balance

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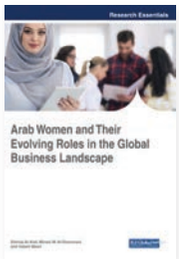

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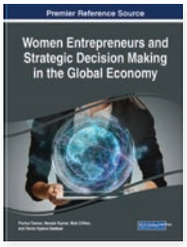

Women Entrepreneurs and Strategic Decision Making in the Global Economy
© 2019; 411 pp.

全球经济下创造可持续价值的最新进展

Part of the Advances in Finance, Accounting, and Economics Book Series

Prof. Ulas Akkucuk (Boğaziçi University, Turkey)

Description:

During the first decade of the 21st century, the world has witnessed a plethora of corporate scandals, global economic crises, and rising environmental concerns. As a result of these developments, pressure has been mounting on businesses to pay more attention to the environmental and resource consequences of the products they produce and services they deliver.

The **Handbook of Research on Creating Sustainable Value in the Global Economy** contains a collection of pioneering research on the integration of issues of sustainability within the traditional areas of management. While highlighting topics including green marketing, circular economy, and sustainable business, this book is ideally designed for managers, executives, environmentalists, economists, business professionals, researchers, academicians, and students in disciplines including marketing, economics, finance, operations management, communication science, and information technology.

Topics Covered:

- Circular Economy
- Clean Energy
- Economic Recovery
- Ethics in Management
- Green Marketing
- Renewable Resources
- Smart Technology
- Sustainability
- Sustainable Business
- Waste Management

ISBN: 9781799811961
Release Date: November, 2019
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Pages: 562

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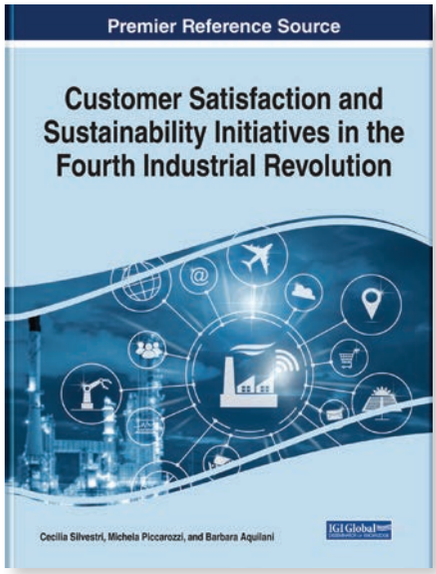

第四次工业革命期间的顾客满意度与可持续性发展倡议

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Profs. Cecilia Silvestri (University of Tuscia, Viterbo, Italy), Michela Piccarozzi (University of Tuscia, Viterbo, Italy), and Barbara Aquilani (University of Tuscia, Viterbo, Italy)

Description:

A well-planned marketing orientation strategy that keeps customers informed is the first step to building a long-term relationship with customers and providing them with appropriate incentives. The difficulty with providing a winning strategy in a highly competitive market, however, stems from responding to the specific needs of the customers.

Customer Satisfaction and Sustainability Initiatives in the Fourth Industrial Revolution is an essential reference source that links together three highly relevant topics in the business of modern economy—innovation, customer satisfaction, and sustainability—and analyzes their synergies. Featuring research on topics such as e-business, global business, and sustainable innovation, this book is ideally designed for business consultants, managers, customer service representatives, entrepreneurs, academicians, researchers, and students seeking coverage on directing sustainable companies.

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- Consumer Loyalty
- Corporate Responsibility
- Digital Business
- E-Business
- Entrepreneurship
- Global Business
- Product Development
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Profs. Ford Lumban Gaol (Bina Nusantara University, Jakarta, Indonesia), Natalia Filimonova (Vladimir State University, Russia), and Chandan Acharya (City University of New York, USA)

Description:

Because it continually implements entrepreneurial creativity and innovative business models, the economic landscape is ever-changing in today's globalized world. As consumers become more willing to accept new strategic trends, this has led to the emergence of disruptive technologies. Since this equipment has an insufficient amount of information and high risks, it is necessary to assess the potential of disruptive technologies in the commercial environment.

Impact of Disruptive Technologies on the Sharing Economy provides emerging research exploring the theoretical and practical aspects of disruptive technologies and knowledge-based entrepreneurial efforts and applications within management, business, and economics. Featuring coverage on a broad range of topics such as consumer ethics, corporate governance, and insurance issues, this book is ideally designed for IT specialists, IT consultants, software developers, computer engineers, managers, executives, managing directors, students, professors, scientists, professionals, industry practitioners, academicians, and researchers seeking current research on the consequences of disruptive technologies.

Topics Covered:

- Business Ethics
- Consumer Ethics
- Corporate Governance
- Disruptive Technology Trends
- Global Industry
- Insurance Issues
- Macro-Finance
- Microfinance
- Social Responsibility
- Taxation

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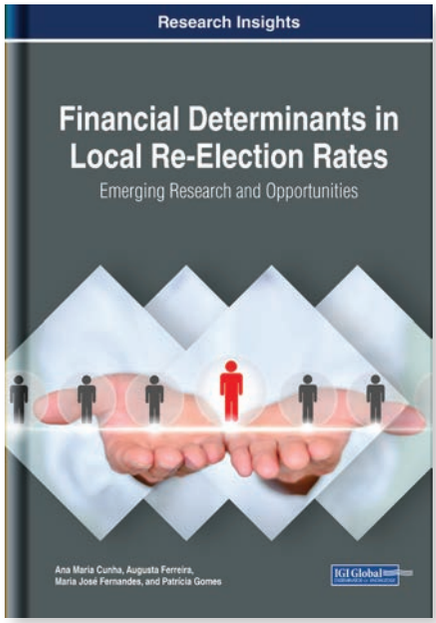

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Profs. Ana Maria Cunha (Polytechnic Institute of Cávado and Ave, Portugal), Augusta Ferreira (University of Aveiro, Portugal), Maria José Fernandes (Polytechnic Institute of Cávado and Ave, Portugal), and Patrícia Gomes (Polytechnic Institute of Cávado and Ave, Portugal)

Description:

Accounting information, on the one hand, allows government officials to obtain better information to support greater decision making, transparency, and accountability. On the other hand, this financial information also allows local citizens more access to knowledge of how public resources are being managed and used by the local government entities. Measuring the pros and cons of this information may determine how certain officials remain in office while others do not.

Financial Determinants in Local Re-Election Rates: Emerging Research and Opportunities is a collection of innovative research that assesses whether accounting information and other factors have an impact on electoral results, which in turn impact re-election in local government. While highlighting topics including political financing, voting behavior, and capital spending, this book is ideally designed for political analysts, politicians, government officials, researchers, policymakers, public policy managers, financial analysts, academicians, and students seeking current research on financial information and other factors having an impact on electoral results.

Topics Covered:

- Accounting
- Behavior Prediction
- Capital Spending
- Ethical Decision Making
- Local Governance
- Political Financing
- Political Science
- Popular Reporting
- Public Sector Management
- Statistical Analysis
- Voting Behavior

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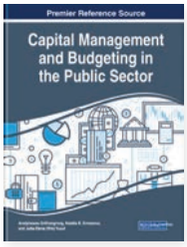

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全球旅游业竞争力提升的多层次路径

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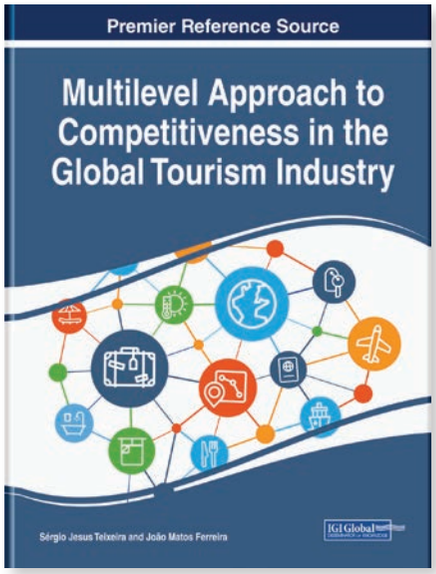
Profs. Sérgio Jesus Teixeira (Higher Institute of Administration and Languages, Portugal) and João Matos Ferreira (University of Beira Interior, Portugal)



Description:

Companies compete to gain public notoriety every day and use creativity and innovation to get ahead of their competition. In oversaturated industries, such as the tourism sector, smart strategies and global network capabilities must be adopted and improved in order to increase competitiveness.

Multilevel Approach to Competitiveness in the Global Tourism Industry contains crucial reference material that discusses new intelligent practices to increase business competitiveness in the tourism sector. Featuring research on topics such as networking, artificial intelligence, and regional competitiveness, this book is ideally designed for program directors, event coordinators, tour developers, hotel managers, restaurateurs, travel agents, policymakers, academics, researchers, advanced students, entrepreneurs, government officials, and professionals in the tourism and hospitality industry.

Topics Covered:

- Artificial Intelligence
- Business Tourism
- E-Business
- Entrepreneurship
- Global Business
- International Business
- Market Intelligence
- Networking
- Regional Competitiveness
- Smart Technologies

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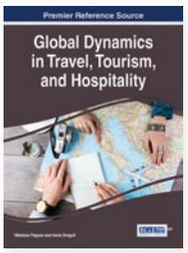

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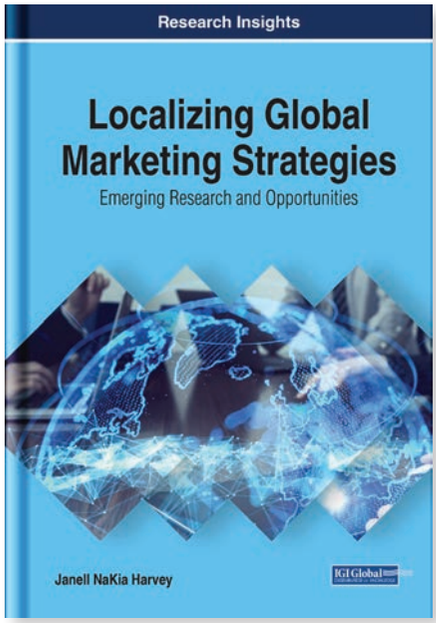

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Prof. Janell NaKia Harvey (DeVry University, USA)

Description:

Years of technological advancements have made it possible for the smallest of trades to develop their companies to sell their products all over the world. Global marketing initiatives allow a business to adapt its services and products to nations outside of its origin, increasing its annual earnings and success. However, companies must first implement worldwide marketing programs that consider cultural dimensions and customs.

Localizing Global Marketing Strategies: Emerging Research and Opportunities is a collection of innovative research on trends and strategies that are necessary to ensure the success of global marketing and identify the means of global market entry. While highlighting topics including branding, consumer management, and joint ventures, this book is ideally designed for administrators, marketers, managers, executives, entrepreneurs, industry professionals, researchers, academicians, and students seeking current research on establishing long-lasting global marketing plans for a variety of industries.

Topics Covered:

- Branding
- Competitive Intelligence
- Consumer Management
- Direct Exporting
- Entry Strategies
- Global Business
- Joint Ventures
- Market Research
- Online Retail
- Social Media

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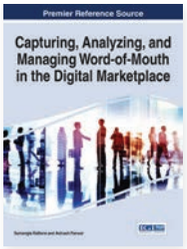

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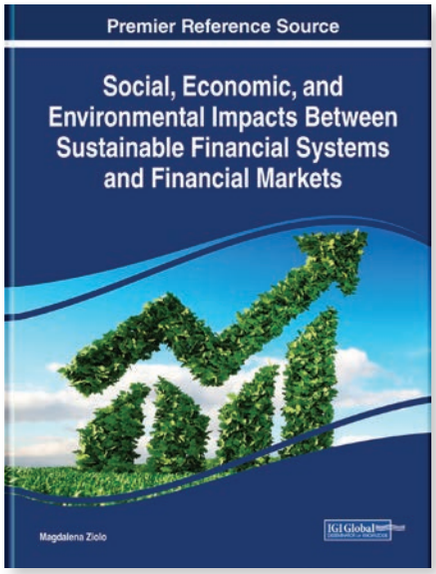
可持续金融体系与金融市场之间的社会、经济与环境影响

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Prof. Magdalena Ziolo (University of Szczecin, Poland)



Description:

Sustainable development is necessary to counteract and mitigate the impact of socially harmful forces in a globalized world. However, sustainable development and its organizations must ensure the effective management of their funds and beneficial financial frameworks in order to best realize their sustainable goals. There is a need for studies that seek to understand how to connect sustainable development and the financial world in order to maximize the economic and environmental wellbeing of the world.

Social, Economic, and Environmental Impacts Between Sustainable Financial Systems and Financial Markets is a pivotal reference source that examines the funding and monetary utilization of environmental and socially-responsible entities. Featuring research on topics such as green taxes, intergenerational equity, and shadow economy, this book is ideally designed for government officials, policymakers, economists, financial managers, sustainability developers, and academicians seeking current research on the relationship between new sustainable financial phenomena and negative global externalities.

Topics Covered:

- Company Value
- Cost Calculation
- Efficiency Assessment
- Green Taxes
- Inclusion
- Intergenerational Equity
- Investment Theory
- National Infrastructure
- Risk Management
- Shadow Economy

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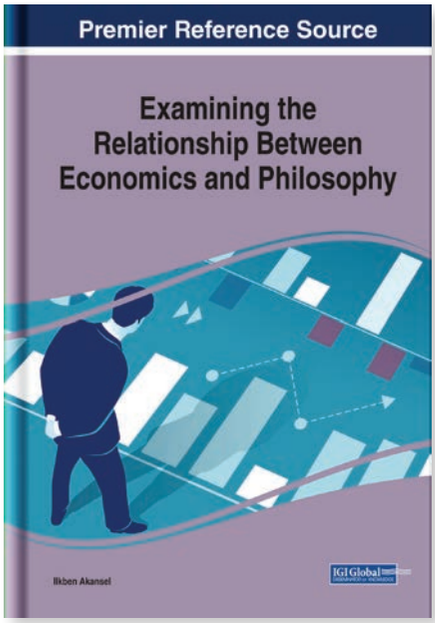

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审视经济学与哲学之间的关系

Part of the Advances in Finance, Accounting, and Economics Book Series

Prof. Ilkben Akansel (University of Bartin, Turkey)

Description:

In today's data-driven world, certain infrastructures of society have begun to lose their anthropological traits. Economics, specifically, has started placing importance on quantity over quality, excluding its philosophical perspective. Scientists and associates of economics need to be reacquainted with the psychological aspect of commerce and its significance to humanity.

Examining the Relationship Between Economics and Philosophy is an essential reference source that discusses the psychological view of economics as well as its philosophical background. Featuring research on topics such as cognitive science, neoliberalism, and neuroeconomics, this book is ideally designed for scientists, economists, managers, executives, academicians, researchers, and students seeking coverage on the philosophy of the financial system and its impact on competitive markets.

Topics Covered:

- Behavioral Economics
- Cognitive Science
- Culture and Philosophy
- Economic Development
- History of Economics
- Institutional Economics
- Neoliberalism
- Neuroeconomics
- Philosophy of Science
- Sociology

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Handbook of Research on Comparative Economic Development Perspectives on Europe and the MENA Region
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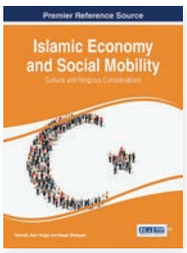

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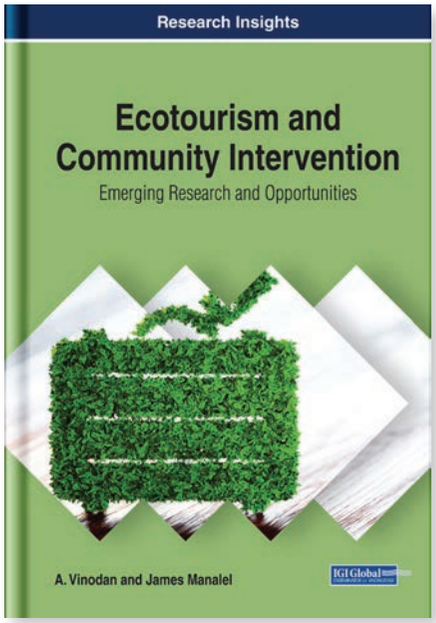

Description:

Throughout the world, local, natural wonders are being overrun by hordes of destination seekers intent on capturing nature's majesty. Though the flood of tourists brings economic stability to these regions, the environmental and local community concerns must be taken into consideration.

Ecotourism and Community Intervention: Emerging Research and Opportunities examines community intervention strategies and their causal relationship with destination sustainability and destination quality. The book calls for more proactive measures to enhance destination sustainability through ecotourism initiatives in destinations across the globe. The content within this publication examines global business, mass tourism, and resource management. It is designed for conservationists, environmentalists, tour developers, travel agents, policymakers, administrators, managers, and university students.

Topics Covered:

- Data Analysis
- Destination Sustainability
- Environmental Science
- Global Business
- Local Environment
- Locality Development
- Mass Tourism
- Resource Management
- Social Planning
- Sustainability

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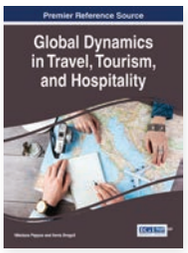

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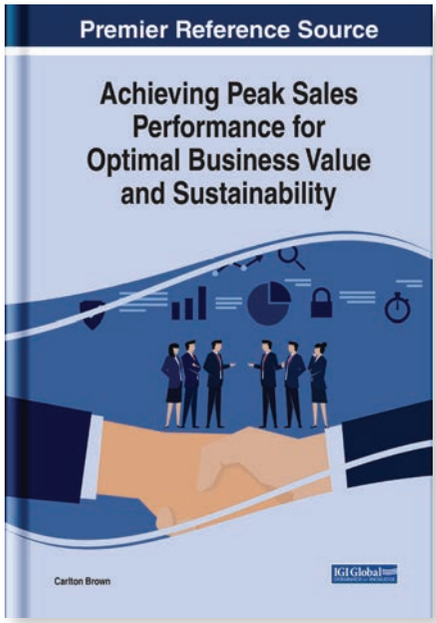

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追求最佳销售业绩：实现最佳商业价值与可持续性

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Carlton Brown (University of Plymouth, UK)

Description:

Businesses today face many obstacles, but one major hurdle is optimizing sales performance and achieving peak levels of execution. In recent years, there has been a significant decline in sales performance among businesses internationally. Many professionals attribute this disparity to the lack of attention towards certain business techniques including “Sales Peak Performance” and “Business to Business.” Strategies like this lack empirical validity and further investigation on the implementation of these approaches could significantly impact the business world.

Achieving Peak Sales Performance for Optimal Business Value and Sustainability is a collection of innovative research on the methods and applications of various elements that influence sales peak performance including personal, organizational, and symbiotic determinants. While highlighting topics including emotional intelligence, personal branding, and customer relationship management, this book is ideally designed for sales professionals, directors, advertisers, managers, researchers, students, and academicians seeking current research on insights and advancements of business sustainability and sales peak performance.

Topics Covered:

- Business-to-Business
- Customer Relationship Management
- Emotional Intelligence
- Key Performance Indicators
- Locus of Control
- Management Effectiveness
- Organizational Culture
- Personal Branding
- Sales Performance
- Salesforce Automation

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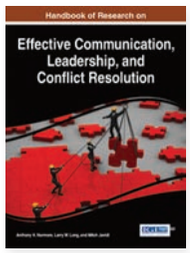
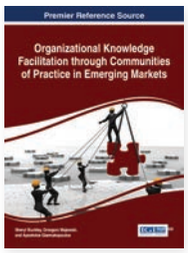


Handbook of Research on Effective Communication, Leadership, and Conflict Resolution
© 2016; 733 pp.



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© 2016; 326 pp.

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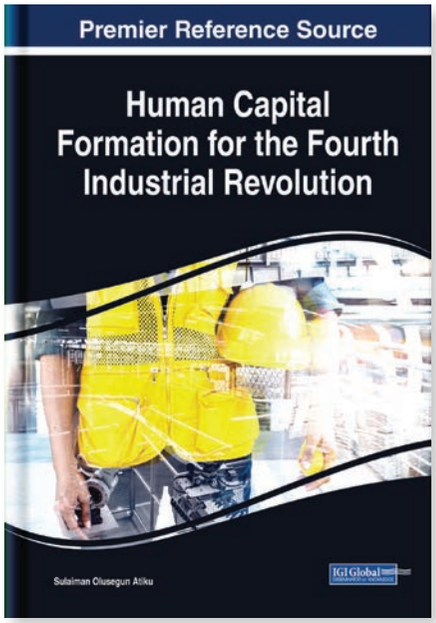

Description:

Advances in technological innovations, automation, and the latest developments in artificial intelligence (AI) have revolutionized the nature of work and created a demand for a new set of skills to navigate the Fourth Industrial Revolution (Industry 4.0). Therefore, it is necessary to equip displaced workers with a new set of skills that are essential for conversion into technical or other functional areas of business.

Human Capital Formation for the Fourth Industrial Revolution is an essential research publication that recognizes the need to revitalize human capital formation for graduate employability in Industry 4.0 and discusses new skills and competencies needed to cope with the challenges present within this industrial revolution. The book seeks to provide a basis for curriculum design in line with the advances in technological innovations, automation, and artificial intelligence to enhance current and future employment. Featuring an array of topics such as curriculum design, emotional intelligence, and healthcare, this book is ideal for human resource managers, development specialists, training officers, teachers, universities, practitioners, academicians, researchers, managers, policymakers, and students.

Topics Covered:

- Artificial Intelligence
- Curriculum Design
- Education Systems
- Emotional Intelligence
- Entrepreneurship Development
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- Human Capital
- Virtual Learning
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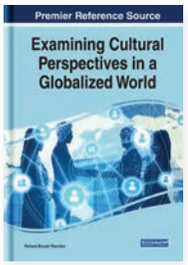

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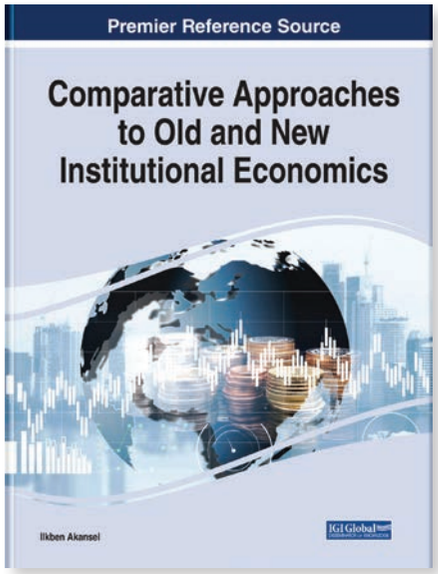

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Part of the Advances in Finance, Accounting, and Economics Book Series

Prof. Ilkben Akansel (Bartin University, Turkey)

Description:

As today's world develops and evolves, so does its economics. New economic approaches have begun to emerge, but traditional methods are still being implemented. As both systems provide different solutions to society's economic issues, thoughtful research and analysis is required regarding the tactics and strategies that both theories utilize.

Comparative Approaches to Old and New Institutional Economics is an essential reference source that discusses the sequential history of these two economic theories as well as their application to global fiscal disputes. Featuring research on topics such as international relations, business management, and institutionalism, this book is ideally designed for economists, analysts, managers, researchers, practitioners, academicians, and students seeking coverage on the parallel methods of these economic philosophies.

Topics Covered:

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- Business Management
- Institutionalism
- International Relations
- Neoliberalism
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- Public Administration
- Technological Partnerships
- Technology
- Transaction Costs

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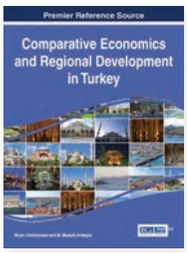

Comparative Economics and Regional Development in Turkey
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Profs. Sebastiano Patti (University of Catania, Italy) and Giampiero Trizzino (Regional Council of Environment and Territory, Italy)

Description:

Sustainable development remains a significant issue in a globalized world requiring new economic standards and practices for the betterment of the environment as well as the world economy. However, sustainable economics must manage environmental solutions to issues on multiple levels and within various disciplines. There is a need for studies that seek to understand how environmental economics and governance within small and large sectors affect the capability and wellbeing of the global economy.

Advanced Integrated Approaches to Environmental Economics and Policy: Emerging Research and Opportunities is an essential publication that focuses on the strategic role of environmental issues within the global economy. While highlighting topics such as complementary currency, reusable waste, and urban planning, this book is ideally designed for policymakers, environmental lawyers, economists, sociologists, politicians, academicians, researchers, and students seeking current research on increasing an organization's sustainable performance at both public and private levels.

Topics Covered:

- Circular Economy
- Climate Change
- Complementary Currency
- International Law
- Recycling
- Renewable Sources
- Reusable Waste
- Sustainable Development
- Tourism
- Urban Planning

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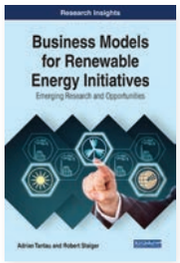

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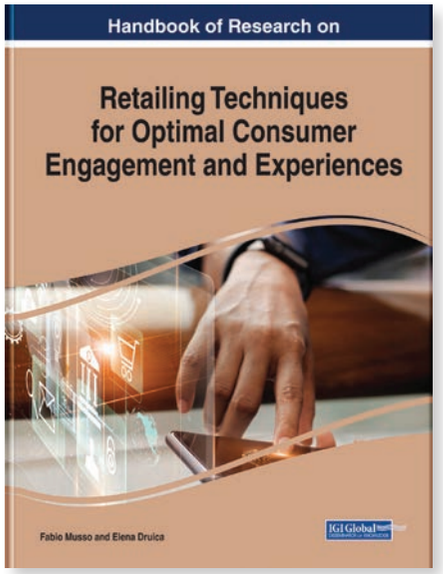

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Profs. Fabio Musso (University of Urbino Carlo Bo, Italy) and Elena Druica (University of Bucharest, Romania)

Description:

In the world of economics and business, engaging with loyal customers while also seeking out new, potential customers is a must. With the recent advancements of social media technology, these operations have increased the need for more developed methods to mesh consumer-business relationships and retention.

The **Handbook of Research on Retailing Techniques for Optimal Consumer Engagement and Experiences** is a thought-provoking reference source that provides vital insight into the application of present-day customer relationship management within the retail industry. While highlighting topics such as digital communication, e-retailing, and social media marketing, this publication explores in-depth merchandiser knowledge as well as the methods behind positive retailer-consumer relationships. This book is ideally designed for managers, executives, CEOs, sales professionals, marketers, advertisers, brand managers, retail experts, academicians, researchers, and students.

ISBN: 9781799814122
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Pages: 571

Pricing:

Hardcover: US $285.00
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Topics Covered:

- Consumer Behavior
- Corporate Responsibility
- Customer Loyalty
- Digital Communication
- E-Retailing
- Knowledge Management
- Marketing Strategies
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- Retail Technology
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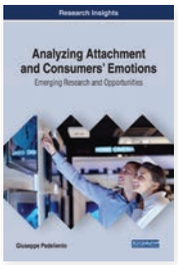

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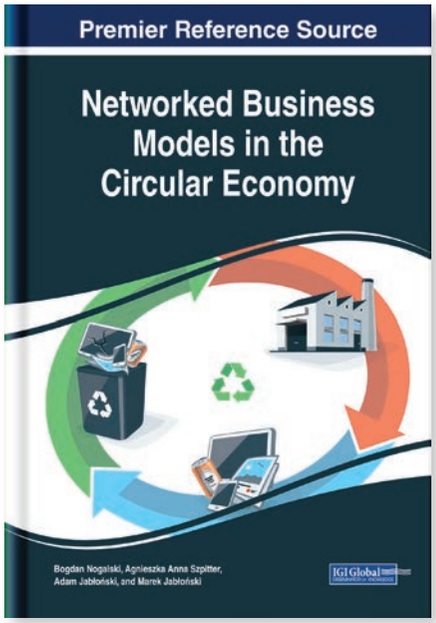

Description:

Economic changes in a globalized world require businesses to create new management practices to remain competitive and successful. While a network paradigm is a key management development, the effective application of this paradigm in organizational practice is complicated by differing interpretations and approaches. Therefore, it is important to thoroughly understand the applicable factors and mechanisms to an efficacious business network.

Networked Business Models in the Circular Economy provides innovative insights into achieving synergy through the cooperation of many business partners and organizations and adapting operational strategies for the whole network. While highlighting topics such as smart mobility, digital solutions, and green supply chain, this publication is ideally designed for organizational managers, entrepreneurs, economists, management scientists, business analyzers, financial consultants, researchers, and students seeking current research on the dynamical contributions required to achieve mutual growth.

Topics Covered:

- Cyber Security
- Digital Solutions
- E-Business
- Green Supply Chain
- Information Technology
- Scalability
- Sharing Economy
- Smart Mobility
- Social Media
- Sustainability

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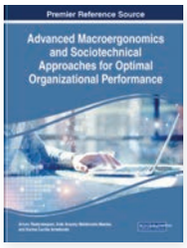

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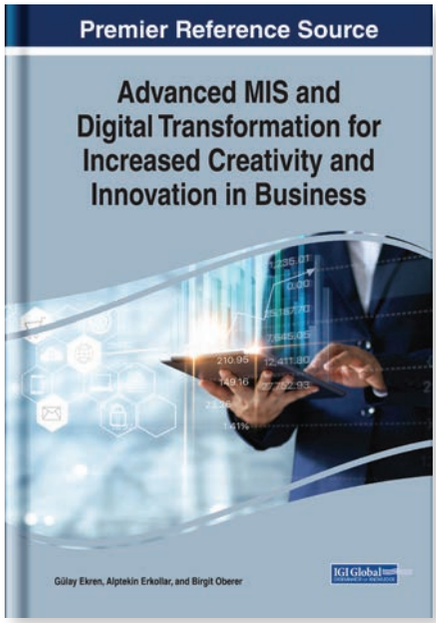

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Profs. Gülay Ekren (Sinop University, Turkey), Alptekin Erkollar (ETCOP, Austria), and Birgit Oberer (ETCOP, Austria)

Description:

As businesses undergo digital transformation, technologies will lead to greater efficiencies and change how we interact in traditional relationships among suppliers, producers, and customers, as well as between human and machine. One such technology is the introduction of management information systems (MIS) that provide a company with the coordination, control, analysis, and visualization of information by collecting from various digital environments. In today's digital age, information needs to be managed, and MIS have the ability to transfer the information obtained by computer systems to the business operations within the business models, business processes, and management functions.

Advanced MIS and Digital Transformation for Increased Creativity and Innovation in Business is an essential reference source that discusses the impact of digital technologies in enterprises and their competitive environment on management information systems and examines the application of new technologies to support strategic decisions and realize exciting visions. Featuring research on topics such as machine learning, resource planning, and e-commerce, this book is ideally designed for managers, executives, IT specialists, analysts, business professionals, training officers, software engineers, business administrators, scholars, researchers, and practitioners seeking coverage on future trends, issues, and challenges in relation to management information systems.

Topics Covered:

- Artificial Intelligence
- Consumer Behavior
- Digital Media
- E-Commerce
- Information Systems
- Machine Learning
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- Resource Planning

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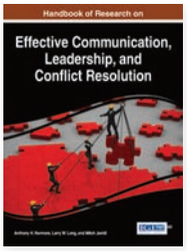

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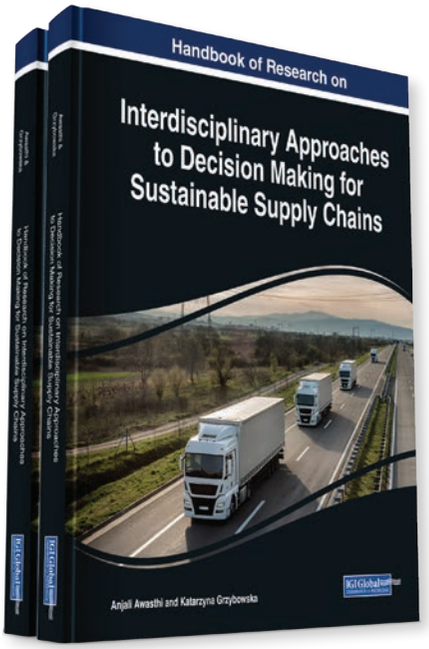

ISBN: 9781522595700
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Copyright: 2020
Pages: 674

Pricing:

Hardcover: US $365.00
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Description:

Businesses must create initiatives and adopt eco-friendly practices in order to adhere to the sustainability goals of a globalized world. Recycling, product service systems, and green manufacturing are just a few methods businesses use within a sustainable supply chain. However, these tools and techniques must also ensure business growth in order to remain relevant in an environmentally-conscious world.

The **Handbook of Research on Interdisciplinary Approaches to Decision Making for Sustainable Supply Chains (2 Vols.)** provides interdisciplinary approaches to sustainable supply chain management through the optimization of system performance and development of new policies, design networks, and effective reverse logistics practices. Featuring research on topics such as industrial symbiosis, green collaboration, and clean transportation, this book is ideally designed for policymakers, business executives, warehouse managers, operations managers, suppliers, industry professionals, sustainability developers, decision makers, students, academicians, practitioners, and researchers seeking current research on reducing the environmental impacts of businesses via sustainable supply chain planning.

Topics Covered:

- Benchmarking Sustainability
- Circular Economy
- Cloud Computing
- Corporate Social Responsibility
- E-Commerce
- Green Collaboration
- Green Transportation
- Industrial Symbiosis
- Product Management
- Reverse Logistics
- Social Supply Chain Management

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Description:

With the world uniting to achieve Sustainable Development Goals, change lies ahead for businesses. These organizations must rethink strategies and business behavior and assess their impact to align with sustainability goals that promote industrial innovation, maintain wellbeing, protect the planet, and ensure business value is created. To achieve this ambitious agenda, a strong commitment and the means to implement it are required.

Technological Innovations for Sustainability and Business Growth is a crucial reference source delivering dynamic research on accelerating growth in business through knowledge creation and technological innovations. While highlighting topics such as consumer analytics, international business, and risk assessment, this publication explores a wide range of techniques adopting and achieving a sustainable competitive advantage in business. This book is ideally designed for multinational investors, marketing researchers, managers, executives, board members, IT consultants, economists, stakeholders, policymakers, financial analysts, professionals, academicians, researchers, and students.

Topics Covered:

- Artificial Intelligence
- Cloud Computing
- Consumer Analytics
- Corporate Governance
- Digital Communication
- Entrepreneurship
- Generational Business
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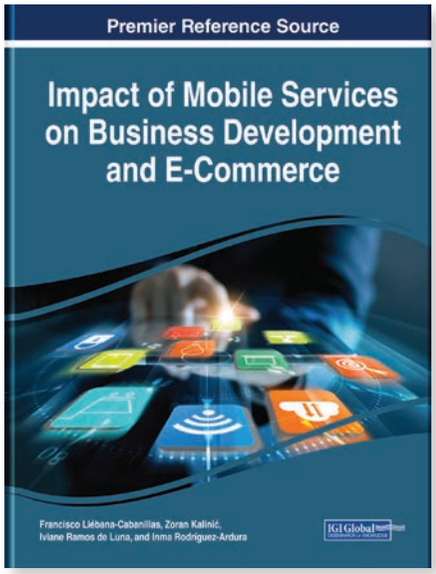

Description:

Mobile devices have become an essential item in the daily lives of many people. As with any innovation, mobile services present both opportunities and challenges to current business models. The development of mobile communication coupled with evolving mobile services have completely changed the business landscape and have transformed consumer behavior. It is important to understand the impact that these services have on users' lives, business, and society.

Impact of Mobile Services on Business Development and E-Commerce is a collection of innovative research that focuses on the importance of mobile services in business development and discusses the provision of decentralized services, mobile commerce and marketing, and new models for the delivery of mobile services such as business-to-consumer and peer-to-peer. While highlighting topics including global market, consumer behavior, and customer satisfaction, this book is ideally designed for business managers, executives, marketers, entrepreneurs, financial advisors, consumer behavior analysts, computer engineers, software developers, IT specialists, students, researchers, and business professionals.

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Topics Covered:

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- Cryptocurrency
- Currency Exchange
- Customer Satisfaction
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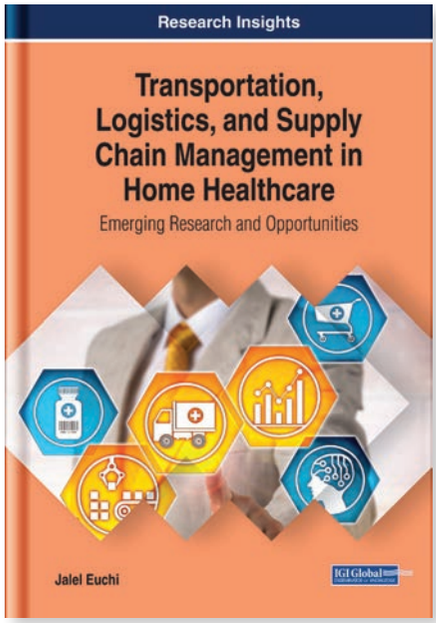

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Part of the Advances in Logistics, Operations, and Management Science Book Series

Prof. Jalel Euchi (LOGIQ Laboratory, Sfax University, Tunisia)

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Description:

With advancing technology and the digitization of the modern era, businesses are required to adopt the latest innovations computer science and information technology have to offer. The field of home healthcare must utilize the finest available operations management systems in order to remain relevant in a globalized world while also providing the best treatment possible to its patients.

Transportation, Logistics, and Supply Chain Management in Home Healthcare: Emerging Research and Opportunities is an essential reference source that provides theoretical and empirical research on logistics management and transportation and scheduling routing and their applications in home healthcare and logistics. While highlighting topics such as hybrid energy, scheduling optimization, and forecasting techniques, this book is ideally designed for outpatient doctors and nurses, transportation professionals, logisticians, home healthcare managers, computer scientists, logistic engineers, health practitioners, academicians, researchers, and students.

Topics Covered:

- Big Data
- Decision Support Systems
- Dock Formulations
- Forecasting Techniques
- Hybrid Energy
- Manufacturing
- Materials Flow Systems
- Metaheuristics
- Scheduling Optimization
- Service Engineering
- Warehousing Design

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IT项目管理中的人为因素作用：研究手册

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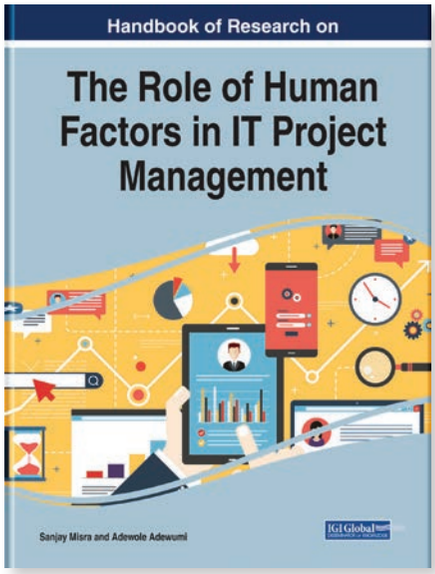
Profs. Sanjay Misra (Covenant University, Nigeria) and Adewole Adewumi (Covenant University, Nigeria)



Description:

The role humans play in the field of information technology continues to hold relevance even with the industry's rapid growth. People contribute heavily to the physical, cognitive, and organizational domain of computing, yet there is a lack of exploration into this phenomenon. Humanoid aspects of technology require extensive research in order to avoid marginalization and insufficient data.

The **Handbook of Research on the Role of Human Factors in IT Project Management** is a collection of innovative research on the methods and applications of the task of human characteristics in the design and development of new technology. While highlighting topics including digitalization, risk management, and task analysis, this book is ideally designed for IT professionals, managers, support executives, project managers, managing directors, academicians, researchers, and students seeking current research on the dynamics of human influence in technological projects.

Topics Covered:

- Alarm Philosophies
- Decision Making
- Digitalization
- Human Limitations
- Human-Machine Interaction
- Performance Measurement
- Professional Competencies
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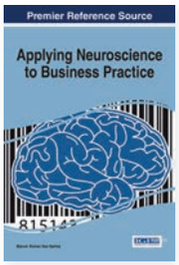

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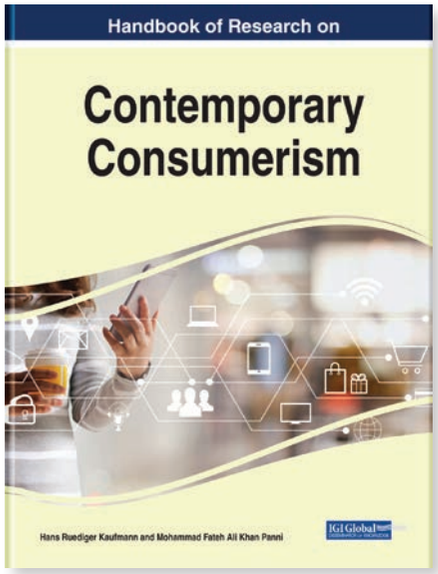

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Part of the Advances in Marketing, Customer Relationship Management, and E-Services Book Series

Profs. Hans Ruediger Kaufmann (University of Applied Management Studies Mannheim, Germany & University of Nicosia, Cyprus) and Mohammad Fateh Ali Khan Panni (City University, Bangladesh)

Description:

Societal marketing has gained widespread recognition in the marketing discipline both in academia and the professional industry

The **Handbook of Research on Contemporary Consumerism** is an essential reference source that provides an in-depth understanding on the various aspects and issues of consumerism and reveals the critical success factors and conceptual and theoretical frameworks of these concepts from recent contexts and perspectives. Additionally, it examines the impact of identity on marketing and branding from the consumerist perspective, discusses consumerism as a source of innovation and product development, and provides insights on consumerism and profitability. Featuring research on topics such as circular economy, digital marketing, and social media, this book is ideally designed for practitioners, managers, marketers, academic researchers, and students.

Topics Covered:

- Circular Economy
- Consumer Behavior
- Customer Engagement
- Digital Marketing
- Emotional Intelligence
- Ethical Sales
- Fair Trade
- Finance
- Green Marketing
- Social Media

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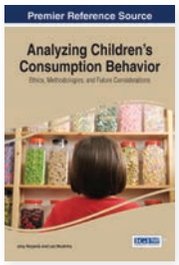

Analyzing Children's Consumption Behavior: Ethics, Methodologies, and Future Considerations
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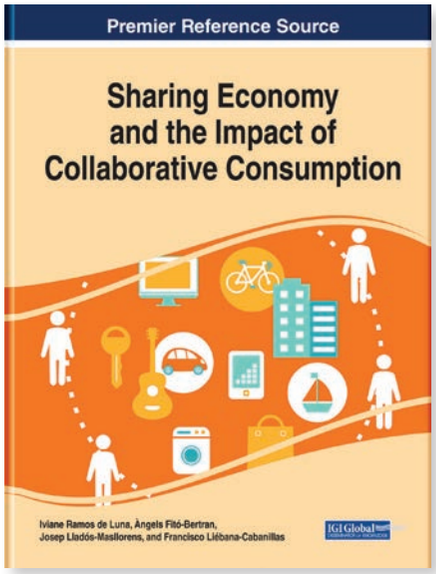

Description:

The introduction of new technology and technological services worldwide has ushered in a new wave of peer-to-peer and access-driven companies that are disrupting the most established business categories. The emergence of these new business models has upset the flow in contemporary society and transformed people's behavior towards sharing-based economies. Companies and entrepreneurs can see this significant change in people's behavior as both an opportunity and a threat.

Sharing Economy and the Impact of Collaborative Consumption provides emerging research on the impact that the sharing services are having on society as well as the importance of the sharing economy development in the coming years, dealing with relevant issues such as regulations, the technological aspects involved in these platforms, the impact in the tourism sector, and consumer behavior in relation to these services. Multidisciplinary in nature, this publication establishes links between economics, finance, marketing, consumer behavior, and IT, and covers topics that include e-commerce, consumer behavior, and peer economy. It is ideally designed for researchers, students, business professionals, and entrepreneurs seeking current research on the impact that this industry has on various economic, marketing, and societal aspects of different countries.

Topics Covered:

- Collaborative Finance
- Consumer Behavior
- Digital Economics
- Digital Tourism
- E-Commerce
- Entrepreneurship
- Peer Economy
- SMEs
- Social Media
- Sustainable Business

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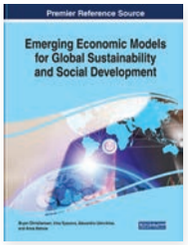

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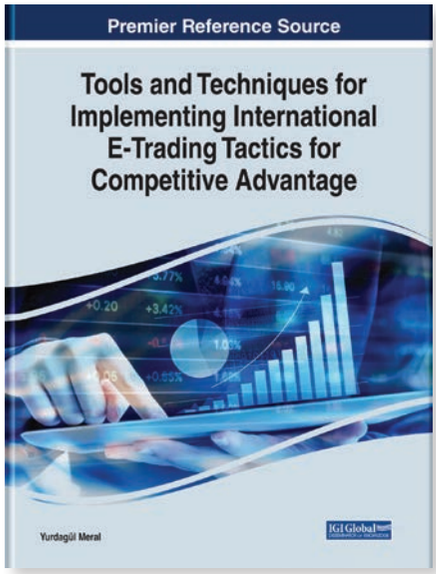

实施国际电子交易策略以获取竞争优势的工具与技术

Part of the Advances in E-Business Research Book Series

Prof. Yurdagül Meral (İstanbul Medipol University, Turkey)

Description:

The use of ICT applications has dipped into almost every aspect of the business sector, including trade. With the volume of e-commerce increasing, international traders must switch their rules and practices to e-trade to survive in such a competitive market. However, the complexity of international trade, which covers customs processes, different legislation, specific documentation requirements, different languages, different currencies, and different payment systems and risk, presents its own challenges in this transition.

Tools and Techniques for Implementing International E-Trading Tactics for Competitive Advantage examines the multidisciplinary approach of international e-trade as it applies to information technology, digital marketing, digital communication, online reputation management, and different legislation and risks. The content within this publication examines digital advertising, consumer behavior, and e-commerce and is designed for international traders, entrepreneurs, business professionals, researchers, academicians, and students.

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Topics Covered:

- Consumer Behavior
- Digital Advertising
- Digital Marketing
- E-Commerce
- Economic Growth
- International Business
- International E-Trade
- Mobile Technology
- Online Behavior
- Tourism Marketing

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Related Books

Encyclopedia of E-Commerce Development, Implementation, and Management (3 Vols.)
© 2016; 2,375 pp.

E-Retailing Challenges and Opportunities in the Global Marketplace
© 2016; 358 pp.

完善自有品牌产品的营销策略

Part of the Advances in Marketing, Customer Relationship Management, and E-Services Book Series

Prof. Yusuf Arslan (Sakarya University, Turkey)

Description:

With changing economic and social environmental conditions and diversified consumer attitudes, national and international competition has increased among retailers. Private label brands have started to follow a dynamic structure in order to adapt themselves to developing environmental conditions. Today, private label products are often mentioned as a mechanism for reaching differentiation in the market and for helping retailers to strengthen consumer loyalty.

Improving Marketing Strategies for Private Label Products is a collection of innovative research that examines how some markets are successful and what other markets can do to increase their market share in terms of private label products. It supports in the development of marketing strategies that can help make a private label product more successful. While highlighting topics including e-commerce, national branding, and consumer behavior, this book is ideally designed for marketing professionals, managers, executives, entrepreneurs, business owners, business practitioners, researchers, academicians, and students.

Topics Covered:

- Branding Strategies
- Consumer Behavior
- Digital Marketplace
- E-Commerce
- Economics
- Family Business
- Food Retailing
- Intentional Buying
- National Branding
- Retail Industry

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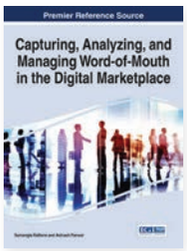

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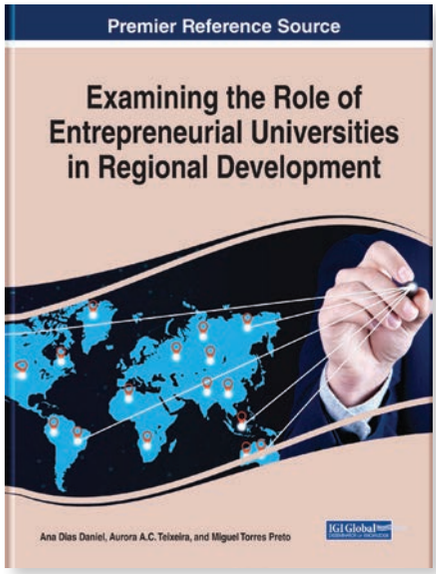

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审视创业型大学在区域发展中的作用

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Ana Dias Daniel (University of Aveiro, Portugal), Aurora A.C. Teixeira (Universidade do Porto, Portugal), and Miguel Torres Preto (Universidade de Lisboa, Portugal)

Description:

Universities are becoming more entrepreneurial, and for local communities and companies, this has increased their economic standings tenfold. However, the competitiveness of developing economies thanks to these financially focused institutions has likewise increased.

Examining the Role of Entrepreneurial Universities in Regional Development provides emerging research exploring how universities foster and support entrepreneurship and the development of a more entrepreneurial organization and highlights the importance of this process for local communities and companies. Featuring coverage on a broad range of topics such as institutional entrepreneurship, public management, and economic contribution, this book is ideally designed for university presidents, provosts, rectors, chancellors, board members, managers, business professionals, policymakers, academicians, students, and researchers.

Topics Covered:

- Business Performance
- Business Policy
- Economic Contribution
- Economic Theory
- Emerging Economies
- Institutional Entrepreneurship
- Knowledge Transfer
- Local Government
- Public Management
- Sector Management

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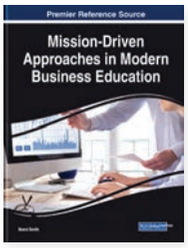

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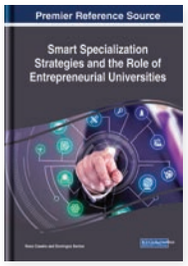

Smart Specialization Strategies and the Role of Entrepreneurial Universities
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通过数字经济创新提高企业绩效

Part of the Advances in Business Strategy and Competitive Advantage Book Series

Prof. Ionica Oncioiu (Titu Maiorescu University, Romania)

Description:

In the 21st century, advancements in the digital world are bringing about rapid waves of change in organizational management. As such, it is increasingly imperative to discover ways for businesses to adapt to changes in the markets and seize various digital marketing opportunities.

Improving Business Performance Through Innovation in the Digital Economy is an essential reference source for the latest research on the impact of digital computing. It investigates new economic and entrepreneurial approaches to enhancing community development. Featuring research on topics such as business ethics, mobile technology, and cyber security, this book is ideally designed for knowledge workers, business managers, executives, entrepreneurs, small and medium enterprise managers, academicians, researchers, students, and global leaders seeking coverage on the management of sustainable enterprises.

Topics Covered:

- Business Ethics
- Cyber Security
- E-Commerce
- Financial Transparency
- Knowledge Management
- Managerial Accounting
- Mobile Technology
- Online Advertising
- Risk Analysis
- Sustainable Solutions

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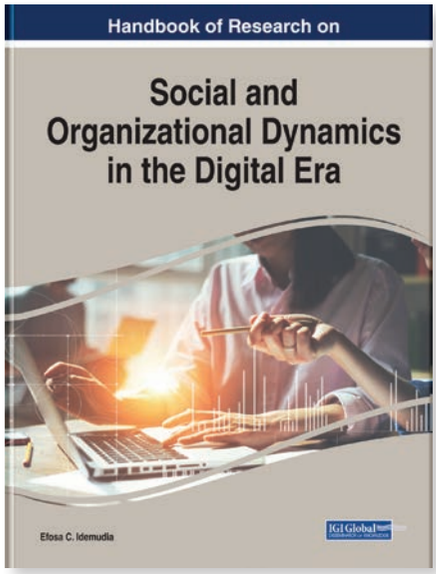

数字时代的社会与组织动力学研究手册

Part of the Advances in Human Resources Management and Organizational Development Book Series

Prof. Efosa C. Idemudia (Arkansas Tech University, USA)

Description:

Technology in the world today impacts every aspect of society and has infiltrated every industry, affecting communication, management, security, etc. With the emergence of such technologies as IoT, big data, cloud computing, AI, and virtual reality, organizations have had to adjust the way they conduct business to account for changing consumer behaviors and increasing data protection awareness.

The **Handbook of Research on Social and Organizational Dynamics in the Digital Era** provides relevant theoretical frameworks and the latest empirical research findings on all aspects of social issues impacted by information technology in organizations and inter-organizational structures and presents the conceptualization of specific social issues and their associated constructs. Featuring coverage on a broad range of topics such as business management, knowledge management, and consumer behavior, this publication seeks to advance the practice and understanding of technology and the impacts of technology on social behaviors and norms in the workplace and society. It is intended for business professionals, executives, IT practitioners, policymakers, students, and researchers.

ISBN: 9781522589334
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Pages: 667

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Topics Covered:

- Behavioral Economics
- Business Management
- Consumer Behavior
- Data Analytics
- Digital Media
- E-Government
- Entrepreneurship
- Information Security
- Knowledge Management
- Political Economy

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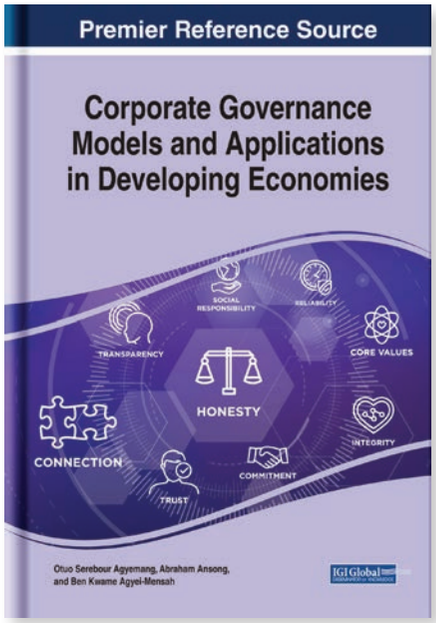

Description:

Virtually all developing, transitioning, and emerging-market economies are faced with one pressing concern at the moment: how to establish the groundwork for long-term economic performance and competitiveness in a diverse market. However, without the existence of good corporate governance in these economies, small enterprise will cease to exist in developing countries.

Corporate Governance Models and Applications in Developing Economies is a collection of innovative research that contributes to the better understanding of corporate governance models by documenting the structures, principles, tenets, case studies, and applications for the development of good business practices in developing economies. While highlighting topics including risk management, financial distress, and insider trading, this book is ideally designed for corporate managers, executives, economists, strategists, investors, shareholders, students, researchers, academicians, business professionals, and policymakers.

Topics Covered:

- Conflict of Interest
- Customer Ownership
- Employee Ownership
- Environmental Reporting
- Financial Distress
- Insider Trading
- Investor Behavior
- Portfolio Diversification
- Risk Management
- Social Responsibility

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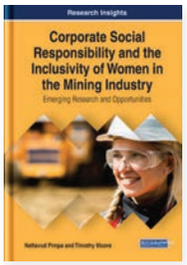

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Profs. José Duarte Santos (Instituto Superior Politécnico Gaya, Portugal) and Óscar Lima Silva (Instituto Superior Politécnico Gaya, Portugal)

Description:

The growth of internet access and the entry of smartphones into everyday life has provided a revolutionary way for consumers to interact with businesses throughout the tourist industry. As a result, numerous companies are utilizing techniques and concepts designed to communicate directly with potential clientele all over the world.

Digital Marketing Strategies for Tourism, Hospitality, and Airline Industries provides innovative insights into how digital marketing can influence the consumer relationship at every stage of the tourism process and features emerging tools and techniques to establish better connections with consumers. The content within this publication examines topics such as branding strategies, social media, and influencer marketing for maximum content exposure. This information is designed for marketing managers, executives, event planners, tour developers, hotel managers, airline managers, program directors, advertisers, restaurateurs, students, business professionals, and researchers.

Topics Covered:

- Branding Strategies
- Cloud Computing
- Consumer Behavior
- Digital Tourism
- E-Tourism
- Influencer Marketing
- Service Quality
- Social Media
- Virtual Reality
- Wearable Technologies

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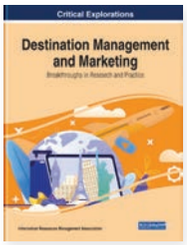

Destination Management and Marketing: Breakthroughs in Research and Practice (2 Vols.)
© 2020; 1,214 pp.

Strategic Tools and Methods for Promoting Hospitality and Tourism Services
© 2016; 326 pp.

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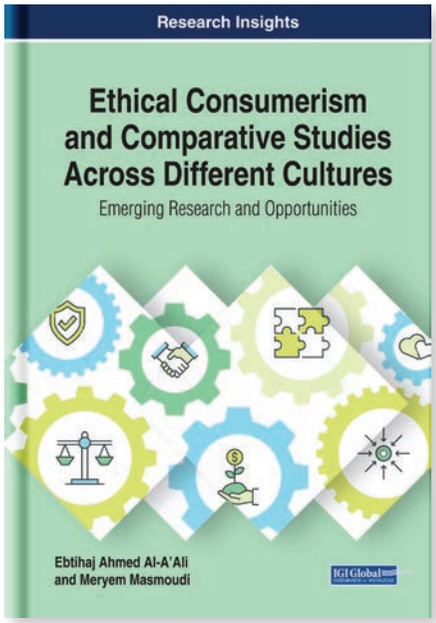

Description:

One of the integral parts of determining business success directly correlates to how well a company interacts with their customers. This increased demand for direct communication has evolved how companies cooperate with their patrons and examines how essential ethics is related to these communications.

Ethical Consumerism and Comparative Studies Across Different Cultures: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of the fundamental issues related to ethical consumerism and applications within business, science, engineering, and technology and examines the impact Arab and global cultures have on consumerism. Featuring coverage on a broad range of topics such as business ethics, data management, and global business, this book is ideally designed for managers, executives, advertisers, marketers, sales directors, practitioners, researchers, academicians, and students.

Topics Covered:

- Business Ethics
- Consumer Behavior
- Corporate Governance
- Corporate Responsibility
- Data Management
- Digital Communication
- E-Commerce
- Financial Sector
- Global Business
- Social Media

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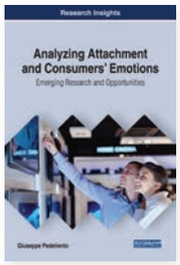

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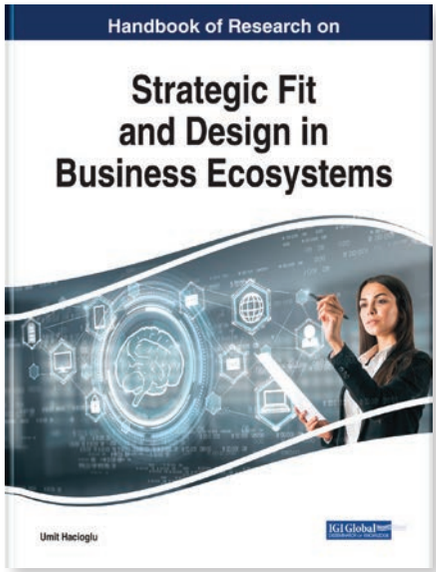

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Part of the Advances in E-Business Research Book Series

Prof. Umit Hacioglu (Istanbul Medipol University, Turkey)

Description:

With advancing information technology, businesses must adapt to more efficient structures that utilize the latest in robotics and machine learning capabilities in order to create optimal human-robot cooperation. However, there are vital rising concerns regarding the possible consequences of deploying artificial intelligence, sophisticated robotic technologies, automated vehicles, self-managing supply modes, and blockchain economies on business performance and culture, including how to sustain a supportive business culture and to what extent a strategic fit between human-robot collaboration in a business ecosystem can be created.

The **Handbook of Research on Strategic Fit and Design in Business Ecosystems** is a collection of innovative research that builds a futuristic view of evolving business ecosystems and a deeper understanding of business transformation processes in the new digital business era. Featuring research on topics such as cultural hybridization, Industry 4.0, and cybersecurity, this book is ideally designed for entrepreneurs, executives, managers, corporate strategists, economists, IT specialists, IT consultants, engineers, students, researchers, and academicians seeking to improve their understanding of future competitive business practices with the adoption of robotic and information technologies.

ISBN: 9781799811251
Release Date: August, 2019
Copyright: 2020
Pages: 775

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Artificial Intelligence
- Blockchain Technology
- Crypto-Finance
- Cultural Hybridization
- Cybersecurity
- Decision Making
- Digitization
- Enterprise Architecture
- Industry 4.0
- Robot-Human Management
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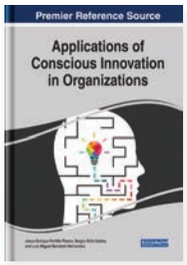

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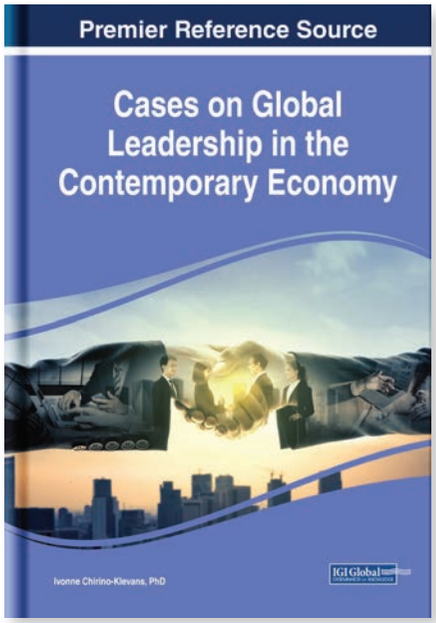

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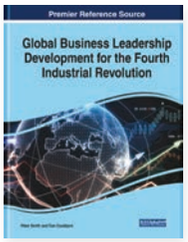

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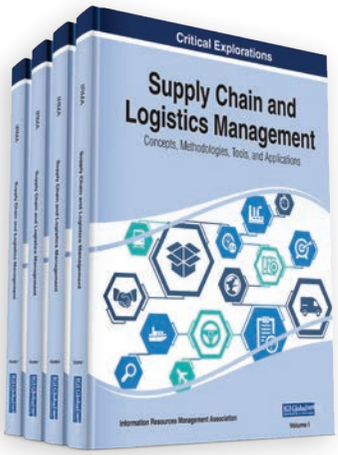

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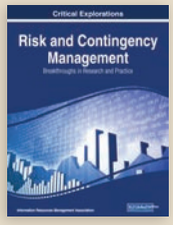

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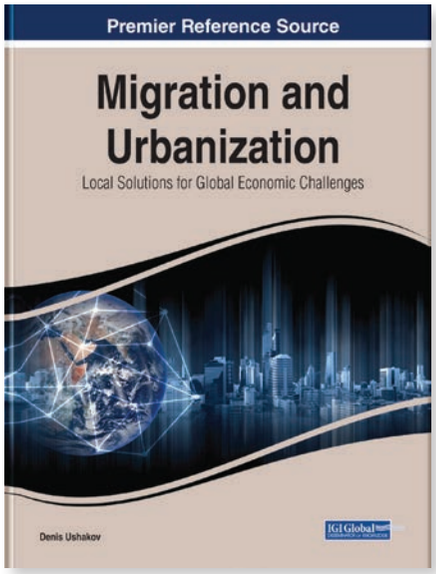

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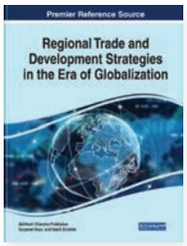

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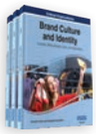

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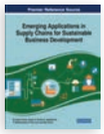

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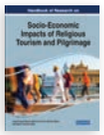

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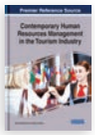

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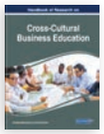

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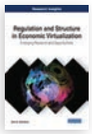

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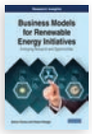

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Mehdi Khosrow-Pour, D.B.A.
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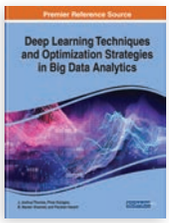

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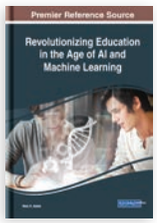

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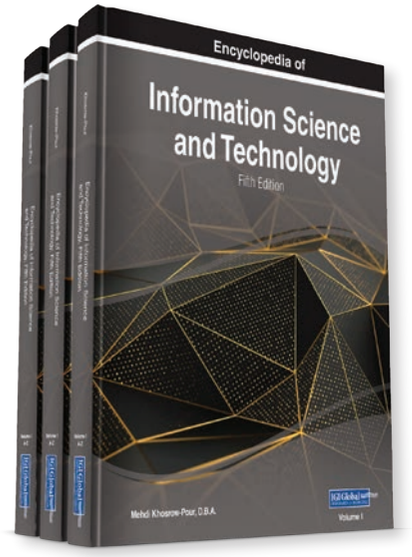

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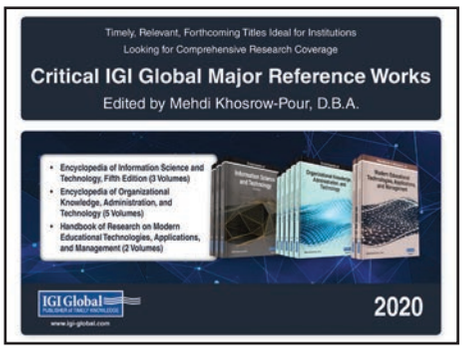

关于本书编辑：

Mehdi Khosrow-Pour, D.B.A., received his Doctorate in Business Administration from the Nova Southeastern University (Florida, USA). Dr. Khosrow-Pour taught undergraduate and graduate information system courses at the Pennsylvania State University – Harrisburg for almost 20 years. He is currently Executive Editor at IGI Global (www.igi-global.com). He also serves as Executive Director of the Information Resources Management Association (IRMA) (www.irma-international.org) and Executive Director of the World Forgotten Children Foundation (www.worldforgottenchildren.org). He is the author/editor of more than 100 books in information technology management. He is also the founding Editor-in-Chief of the *Information Resources Management Journal* (IRMJ), *Journal of Electronic Commerce in Organizations* (JECO), *Journal of Cases on Information Technology* (JCIT), and the *Journal of Information Technology Research* (JITR), and has authored more than 50 articles published in various conference proceedings and scholarly journals.

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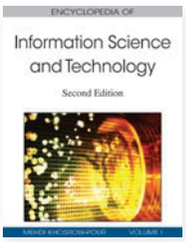

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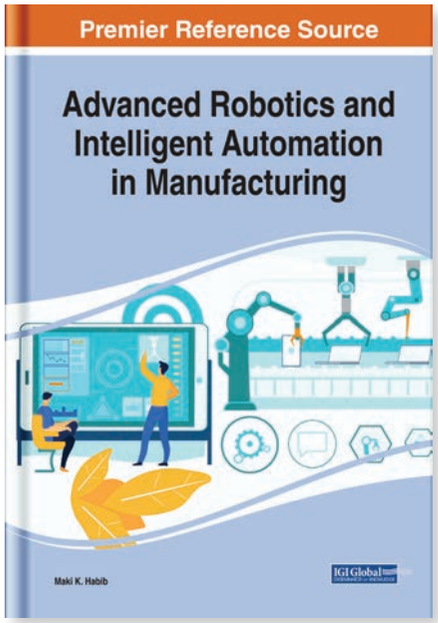

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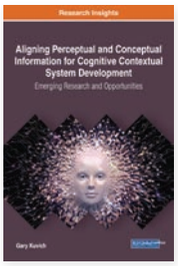

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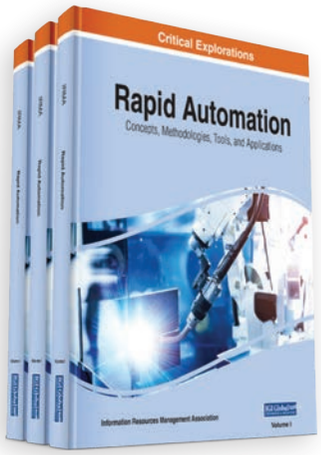

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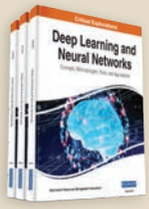

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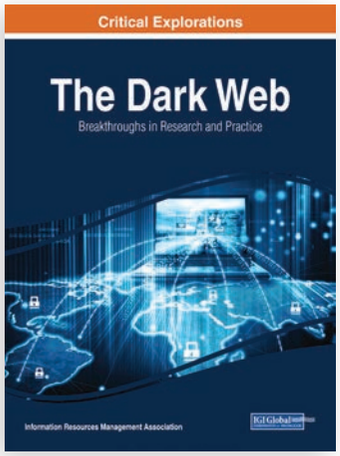

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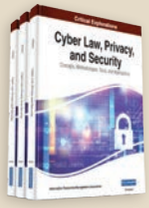

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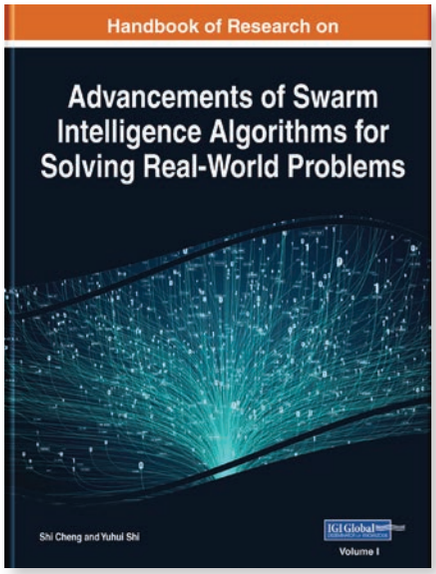

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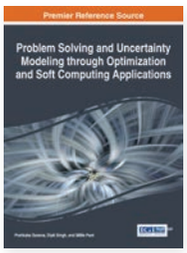

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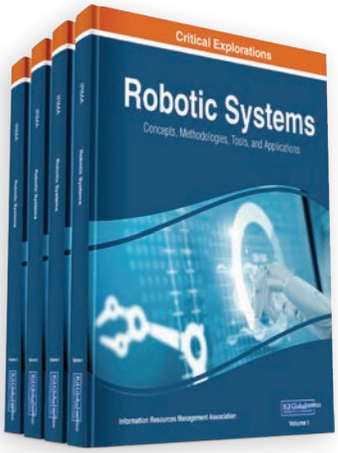

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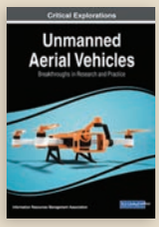

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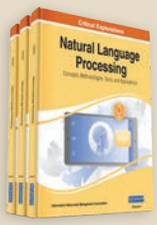

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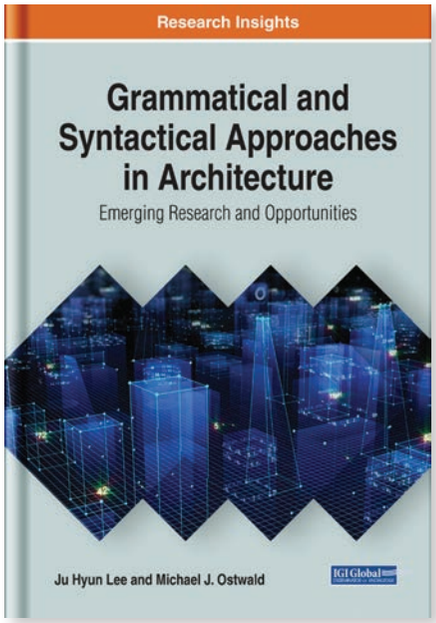

Description:

Shape grammar and space syntax have been separately developed but rarely combined in any significant way. The first of these is typically used to investigate or generate the formal or geometric properties of architecture, while the second is used to analyze the spatial, topological, or social properties of architecture. Despite the reciprocal relationship between form and space in architecture—it is difficult to conceptualize a completed building without a sense of both of these properties—the two major computational theories have been largely developed and applied in isolation from each another.

Grammatical and Syntactical Approaches in Architecture: Emerging Research and Opportunities is a critical scholarly resource that explores the relationship between shape grammar and space syntax for urban planning and architecture and enables the creative discovery of both the formal and spatial features of an architectural style or type. This book, furthermore, presents a new method to selectively capture aspects of both the grammar and syntax of architecture. Featuring a range of topics such as mathematical analysis, spatial configuration, and domestic architecture, this book is essential for architects, policymakers, urban planners, researchers, academicians, and students.

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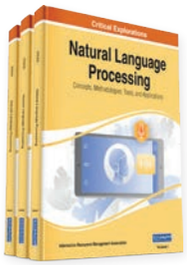

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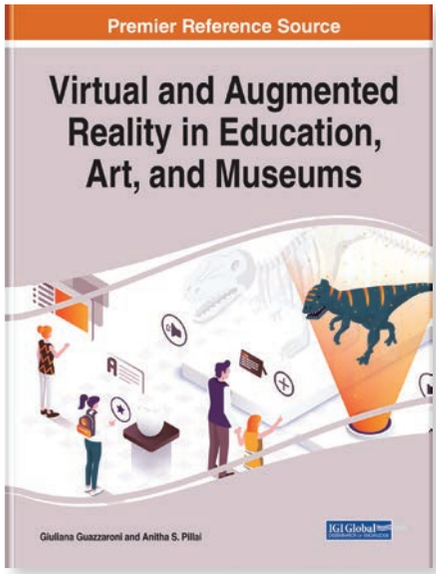

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Description:

Due to the growing prevalence of artificial intelligence technologies, schools, museums, and art galleries will need to change traditional ways of working and conventional thought processes to fully embrace their potential. Integrating virtual and augmented reality technologies and wearable devices into these fields can promote higher engagement in an increasingly digital world.

Virtual and Augmented Reality in Education, Art, and Museums is an essential research book that explores the strategic role and use of virtual and augmented reality in shaping visitor experiences at art galleries and museums and their ability to enhance education. Highlighting a range of topics such as online learning, digital heritage, and gaming, this book is ideal for museum directors, tour developers, educational software designers, 3D artists, designers, curators, preservationists, conservationists, education coordinators, academicians, researchers, and students.

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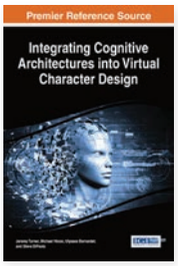

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Cloud computing has experienced explosive growth and is expected to continue to rise in popularity as new services and applications become available. As with any new technology, security issues continue to be a concern, and developing effective methods to protect sensitive information and data on the cloud is imperative.

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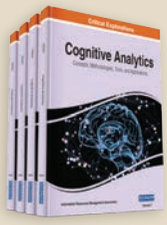

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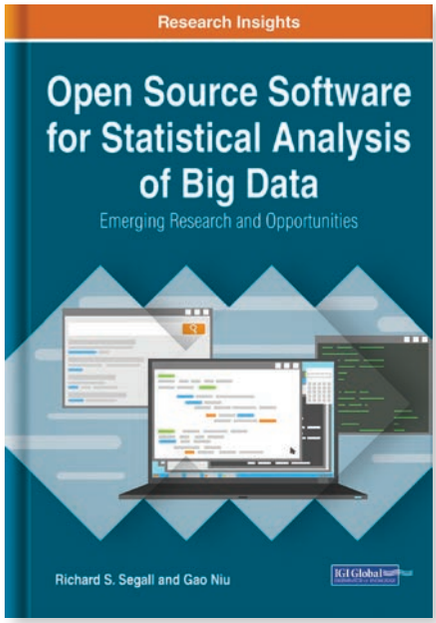

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With the development of computing technologies in today's modernized world, software packages have become easily accessible. Open source software, specifically, is a popular method for solving certain issues in the field of computer science. One key challenge is analyzing big data due to the high amounts that organizations are processing. Researchers and professionals need research on the foundations of open source software programs and how they can successfully analyze statistical data.

Open Source Software for Statistical Analysis of Big Data: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of cost-free software possibilities for applications within data analysis and statistics with a specific focus on R and Python. Featuring coverage on a broad range of topics such as cluster analysis, time series forecasting, and machine learning, this book is ideally designed for researchers, developers, practitioners, engineers, academicians, scholars, and students who want to more fully understand in a brief and concise format the realm and technologies of open source software for big data and how it has been used to solve large-scale research problems in a multitude of disciplines.

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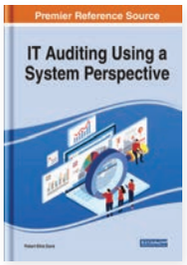

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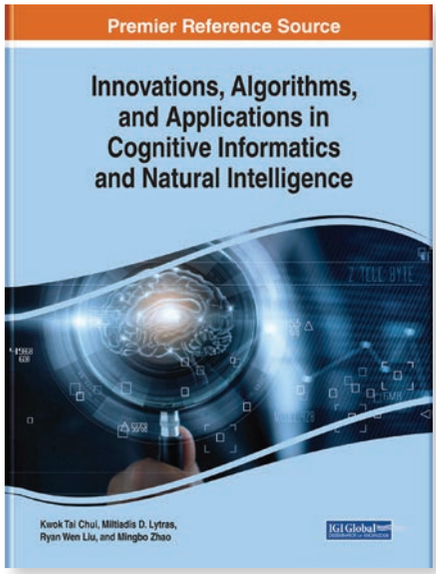

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Innovations, Algorithms, and Applications in Cognitive Informatics and Natural Intelligence is a collection of innovative research that examines the enhancement of human cognitive performance using emerging technologies. Featuring research on topics such as parallel computing, neuroscience, and signal processing, this book is ideally designed for engineers, computer scientists, programmers, academicians, researchers, and students.

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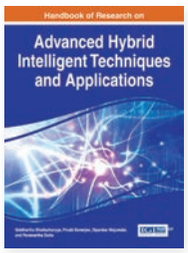

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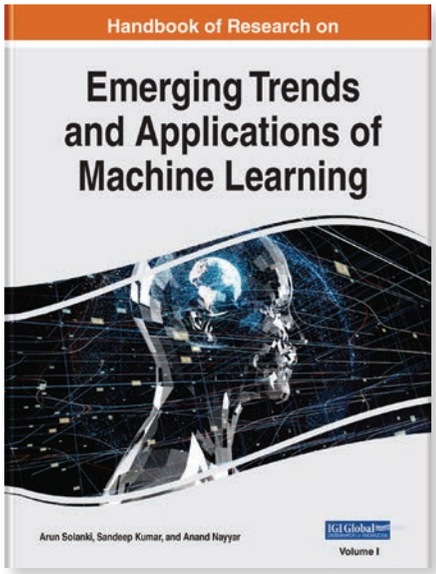

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As today's world continues to advance, Artificial Intelligence (AI) is a field that has become a staple of technological development and led to the advancement of numerous professional industries. An application within AI that has gained attention is machine learning. Machine learning uses statistical techniques and algorithms to give computer systems the ability to understand and its popularity has circulated through many trades. Understanding this technology and its countless implementations is pivotal for scientists and researchers across the world.

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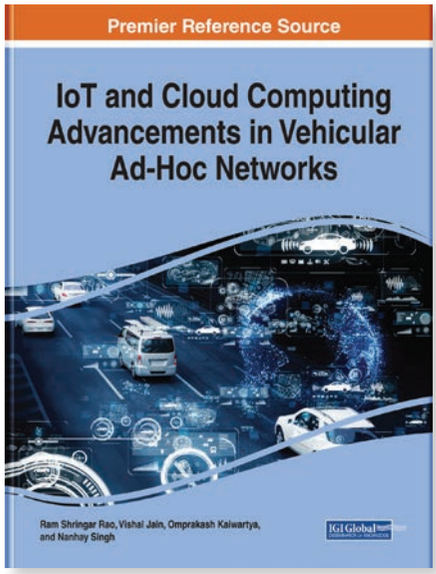

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IoT and Cloud Computing Advancements in Vehicular Ad-Hoc Networks provides emerging research exploring the theoretical and practical aspects of intelligent transportation systems and analyzing the modern techniques that are being applied to smart vehicles through cloud technology. Featuring coverage on a broad range of topics such as health monitoring, node localization, and fault tolerance, this book is ideally designed for network designers, developers, analysists, IT specialists, computing professionals, researchers, academics, and post-graduate students seeking current research on emerging computing concepts and developments in vehicular ad-hoc networks.

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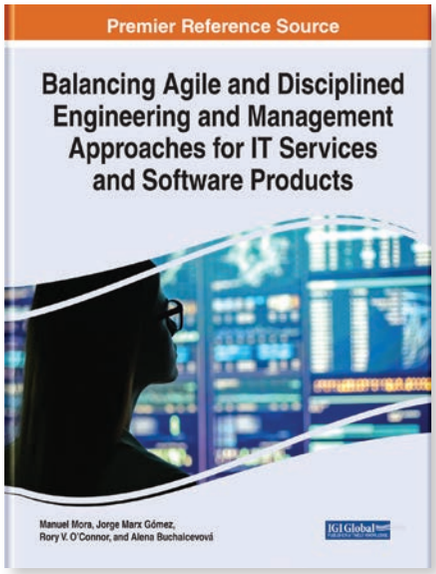

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The highly dynamic world of information technology service management stresses the benefits of the quick and correct implementation of IT services. A disciplined approach relies on a separate set of assumptions and principles as an agile approach, both of which have complicated implementation processes as well as copious benefits. Combining these two approaches to enhance the effectiveness of each, while difficult, can yield exceptional dividends.

Balancing Agile and Disciplined Engineering and Management Approaches for IT Services and Software Products is an essential publication that focuses on clarifying theoretical foundations of balanced design methods with conceptual frameworks and empirical cases. Highlighting a broad range of topics including business trends, IT service, and software development, this book is ideally designed for software engineers, software developers, programmers, information technology professionals, researchers, academicians, and students.

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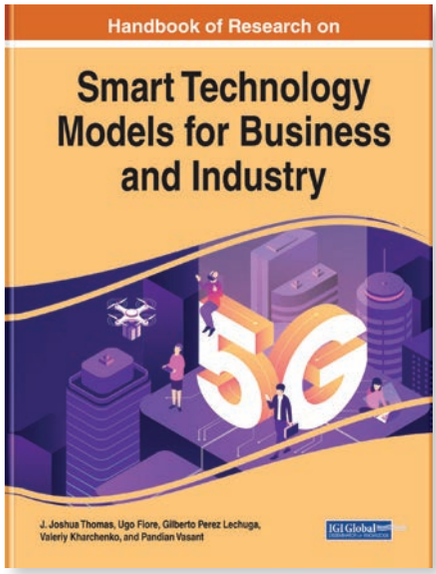

工商界智能技术模型研究手册

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Prof. J. Joshua Thomas (UOW Malaysia KDU Penang University College, Malaysia), et al.

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Advances in machine learning techniques and ever-increasing computing power has helped create a new generation of hardware and software technologies with practical applications for nearly every industry. As the progress has, in turn, excited the interest of venture investors, technology firms, and a growing number of clients, implementing intelligent automation in both physical and information systems has become a must in busi

The **Handbook of Research on Smart Technology Models for Business and Industry** is an essential reference source that discusses relevant abstract frameworks and the latest experimental research findings in theory, mathematical models, software applications, and prototypes in the area of smart technologies. Featuring research on topics such as digital security, renewable energy, and intelligence management, this book is ideally designed for machine learning specialists, industrial experts, data scientists, researchers, academicians, students, and business professionals seeking coverage on current smart technology models.

ISBN: 9781799836452
Release Date: June, 2020
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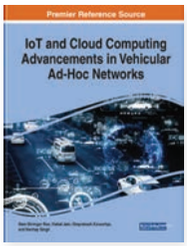

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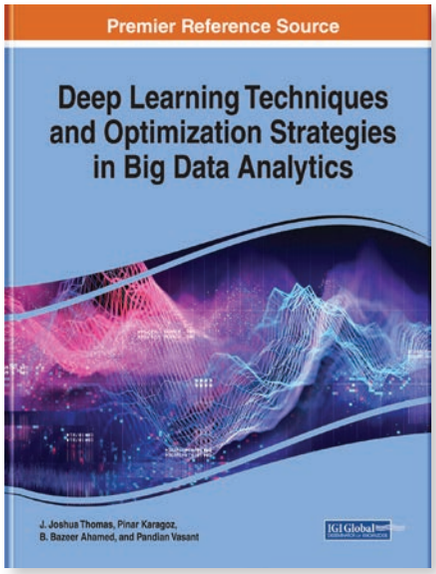

Description:

Many approaches have sprouted from artificial intelligence (AI) and produced major breakthroughs in the computer science and engineering industries. Deep learning is a method that is transforming the world of data and analytics. Optimization of this new approach is still unclear, however, and there's a need for research on the various applications and techniques of deep learning in the field of computing.

Deep Learning Techniques and Optimization Strategies in Big Data Analytics is a collection of innovative research on the methods and applications of deep learning strategies in the fields of computer science and information systems. While highlighting topics including data integration, computational modeling, and scheduling systems, this book is ideally designed for engineers, IT specialists, data analysts, data scientists, engineers, researchers, academicians, and students seeking current research on deep learning methods and its application in the digital industry.

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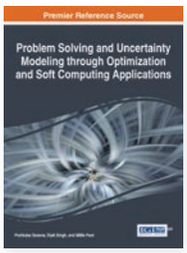

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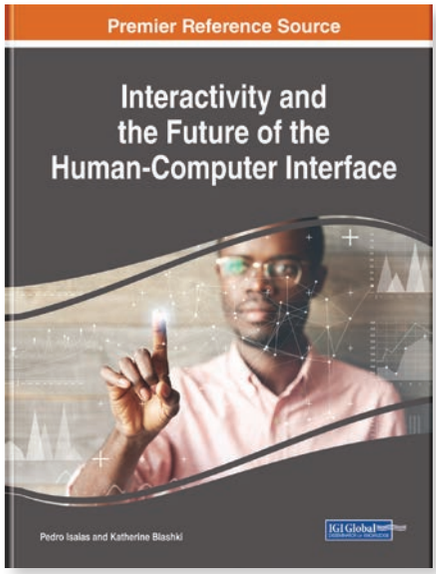

人机交互与人机界面的未来

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Profs. Pedro Isaias (Information Systems and Technology Management School, The University of New South Wales, Australia) and Katherine Blashki (Victorian Institute of Technology, Australia)

Description:

The usability and design in technological systems is imperative due to their abundance in numerous professional industries. Computer interfaces have seen significant advancement in their design and development as they have become an integral part of today's society. As humans continue to interact with technology on a regular basis, it is essential for professionals, professors, and students to keep pace with innovative research on interface design and the various applications interfaces have in professional fields.

Interactivity and the Future of the Human-Computer Interface is a collection of innovative research on the development and application of interfaces in today's modern society and the generational implications for design of human and technology interaction. While highlighting topics including digital gaming, augmented reality, and e-learning, this book is ideally designed for educators, developers, web designers, researchers, technology specialists, scientists, and students seeking current research on modern advancements and applications in human-computer interaction.

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- Mesh Simplification
- Participatory Design
- Video Games
- Visualization
- Web Accessibility Assessment

关于本书编辑：

Pedro Isaías is an associate professor at the Universidade Aberta (Portuguese Open University) in Lisbon, Portugal, responsible for several courses and director of the master degree program in Electronic Commerce and Internet since its start in 2003. He holds a PhD in Information Management (in the speciality of information and decision systems) from the New University of Lisbon. Author of several books, book chapters, papers and research reports, all in the information systems area, he has headed several conferences and workshops within the mentioned area. He has also been responsible for the scientific coordination of several EU funded research projects. He is also member of the editorial board of several journals and program committee member of several conferences and workshops.

"This volume, containing the work of HCI researchers and practitioners from around the globe, will have ***relevance for both the learner and the experienced professional****. In this edited volume we hope to offer* ***a breadth and depth of knowledge*** *that will appeal to a diverse readership. Students in first-year undergraduate programs will gain insight into the breadth of the field and importantly,* ***understand its importance to the ways in which we use technologies****."*

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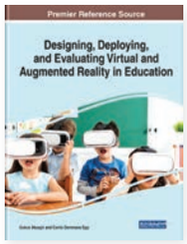

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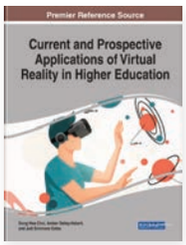

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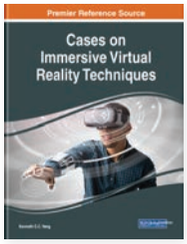

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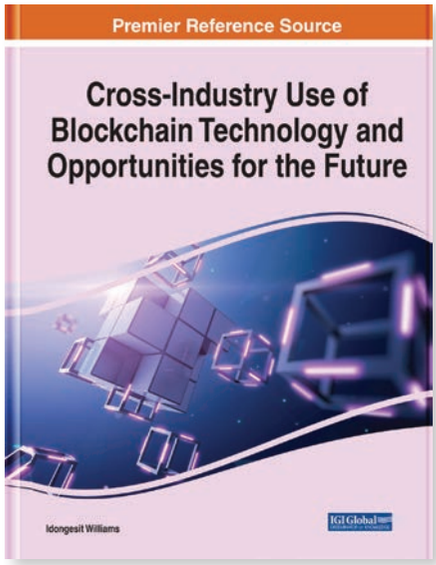

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Description:

Blockchain is a technology that transcends cryptocurrencies. There are other services in different sectors of the economy that can benefit from the trust and security that blockchains offer. For example, financial institutions are using blockchains for international money transfer, and in logistics, it has been used for supply chain management and tracking of goods. As more global companies and governments are experimenting and deploying blockchain solutions, it is necessary to compile knowledge on the best practices, strategies, and failures in order to create a better awareness of how blockchain could either support or add value to other services.

Cross-Industry Use of Blockchain Technology and Opportunities for the Future provides emerging research highlighting the possibilities inherent in blockchain for different sectors of the economy and the added value blockchain can provide for the future of these different sectors. Featuring coverage on a broad range of topics such as data privacy, information sharing, and digital identity, this book is ideally designed for IT specialists, consultants, design engineers, cryptographers, service designers, researchers, academics, government officials, and industry professionals.

Topics Covered:

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- Big Data
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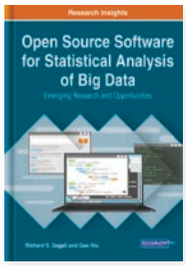

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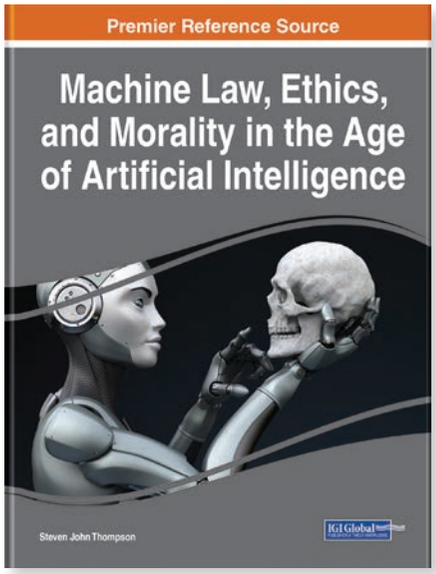

Description:

Machines and computers are becoming increasingly sophisticated and self-sustaining. As we integrate such technologies into our daily lives, questions concerning moral integrity and best practices arise. A changing world requires renegotiating our current set of standards. Without best practices to guide interaction and use with these complex machines, interaction with them will turn disastrous.

Machine Law, Ethics, and Morality in the Age of Artificial Intelligence is a collection of innovative research that presents holistic and transdisciplinary approaches to the field of machine ethics and morality and offers up-to-date and state-of-the-art perspectives on the advancement of definitions, terms, policies, philosophies, and relevant determinants related to human-machine ethics. The book encompasses theory and practice sections for each topical component of important areas of human-machine ethics both in existence today and prospective for the future. While highlighting a broad range of topics including facial recognition, health and medicine, and privacy and security, this book is ideally designed for ethicists, philosophers, scientists, lawyers, politicians, government lawmakers, researchers, academicians, and students. It is of special interest to decision- and policy-makers concerned with the identification and adoption of human-machine ethics initiatives, leading to need

ISBN: 9781799848943
Release Date: October, 2020
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Pages: 400

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Topics Covered:

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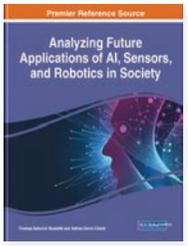

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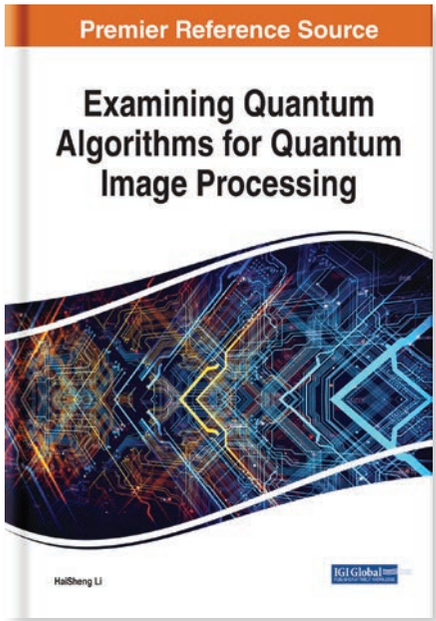

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Description:

An emerging interdisciplinary field of study in the realm of academia has been quantum computing and its various applications. The rapid rate of progress of this advancing technology as well as its multi-faceted nature has created a vast amount of potential research material for professionals and students in numerous disciplines. Its specific ability to improve upon traditional algorithms for image processing is seizing the attention of researchers in this field, as there remains a lack of exploration into this precise area.

Examining Quantum Algorithms for Quantum Image Processing is an essential reference that provides research on quantum Fourier transform, quantum wavelet transform, and quantum wavelet packet transform as tool algorithms in image processing and quantum computing. It provides a comprehensive look into quantum image algorithms to establish frameworks of quantum image processing. While highlighting topics including geometric transformation, quantum compression ratio, and storage circuits, this book is ideally designed for researchers, scientists, developers, academicians, programmers, practitioners, engineers, and upper graduate students.

ISBN: 9781799837992
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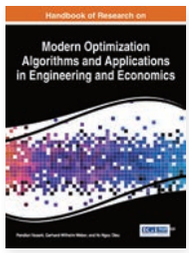

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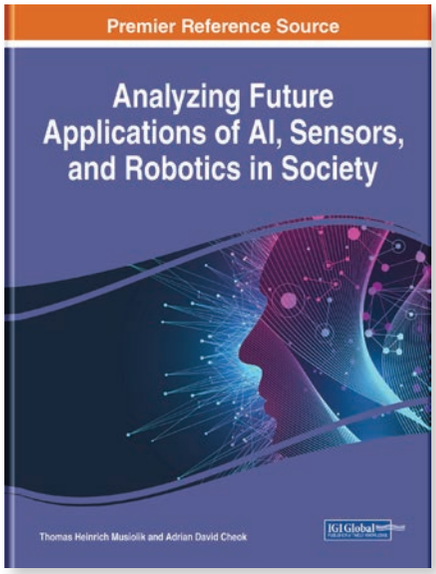

Description:

The rise of artificial intelligence and its countless branches have caused many professional industries to rethink their traditional methods of practice and develop new techniques to keep pace with technological advancement. The continued use of intelligent technologies in the professional world has propelled researchers to contemplate future opportunities and challenges that artificial intelligence may withhold. Significant research is a necessity for understanding future trends of artificial intelligence and the preparation of prospective issues.

Analyzing Future Applications of AI, Sensors, and Robotics in Society provides emerging research exploring the potential uses and future challenges of intelligent technological advancements and their impact in education, finance, politics, business, healthcare, and engineering. Featuring coverage on a broad range of topics such as neuronal networks, cognitive computing, and e-health, this book is ideally designed for practitioners, researchers, scientists, executives, strategists, policymakers, academicians, government officials, developers, and students seeking current research on future societal uses of intelligent technology.

ISBN: 9781799834991
Release Date: September, 2020
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Pages: 300

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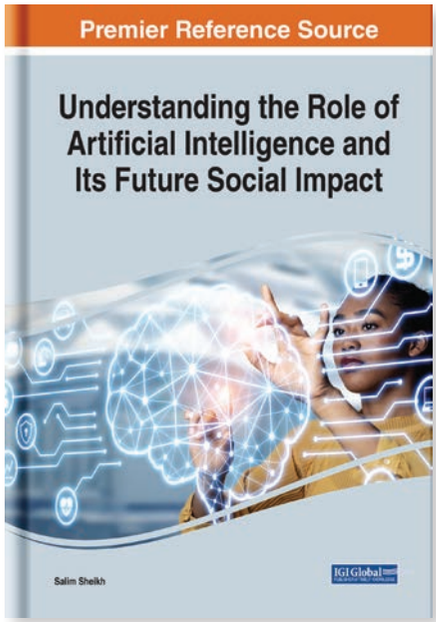

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Description:

The influence of AI is beginning to filter into every aspect of life, spanning across education, healthcare, business, and more. However, as its prevalence grows, challenges must be addressed including AI replication and even exacerbation of human bias and discrimination and the development of policies and laws that appropriately regulate AI. Stakeholders from all sectors of society need to collaborate on co-designing innovative, agile frameworks for governing AI that allow for its continued adoption while minimizing risk and reducing disruption.

Understanding the Role of Artificial Intelligence and Its Future Social Impact is a pivotal reference source that provides vital research on the application of AI within contemporary society and comprehends the future effects of this technology within modern civilization. While highlighting topics such as cognitive computing, ethical issues, and robotics, this publication explores the possible consequences of AI adoption as well as its disruption within industries and emerging markets. This book is ideally designed for researchers, developers, strategists, managers, practitioners, executives, analysts, scientists, policymakers, academicians, and students seeking current research on the future of AI and its influence on the global culture and society.

ISBN: 9781799846079
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Pages: 284

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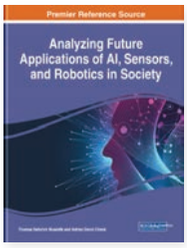

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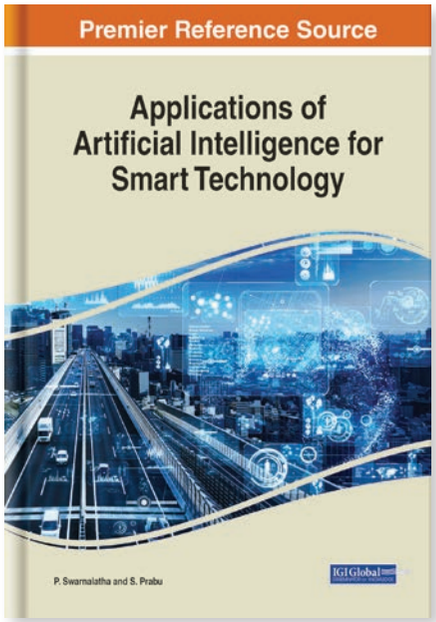

Description:

As global communities are attempting to transform into more efficient and technologically-advanced metropolises, artificial intelligence (AI) has taken a firm grasp on various professional fields. Technology used in these industries is transforming by introducing intelligent techniques including machine learning, cognitive computing, and computer vision. This has raised significant attention among researchers and practitioners on the specific impact that these smart technologies have and what challenges remain.

Applications of Artificial Intelligence for Smart Technology is a pivotal reference source that provides vital research on the implementation of advanced technological techniques in professional industries through the use of AI. While highlighting topics such as pattern recognition, computational imaging, and machine learning, this publication explores challenges that various fields currently face when applying these technologies and examines the future uses of AI. This book is ideally designed for researchers, developers, managers, academicians, analysts, students, and practitioners seeking current research on the involvement of AI in professional practices.

Topics Covered:

- Cognitive Computing
- Computational Imaging
- Computer Vision
- Control Applications
- Data Management
- Distributed Algorithms
- Machine Learning
- Object Tracking
- Pattern Recognition
- Smart Sensor Networking

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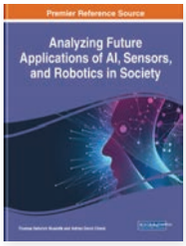

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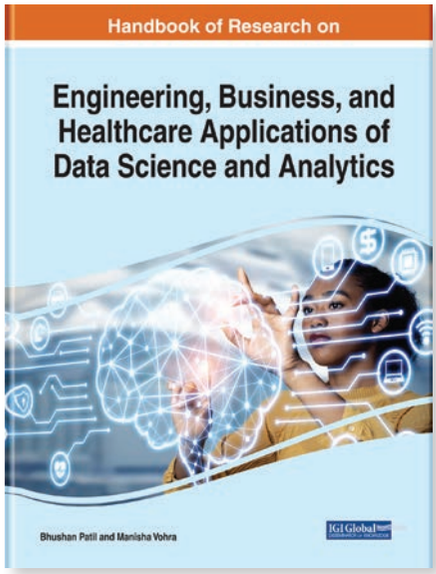

数据科学与分析的工程、商业和医疗保健应用研究手册

Part of the Advances in Data Mining and Database Management Book Series

Profs. Bhushan Patil (Mumbai University, India) and Manisha Vohra (Mumbai University, India)

ISBN: 9781799830535
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Pages: 400

Pricing:

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Description:

Analyzing data sets has continued to be an invaluable application for numerous industries. By combining different algorithms, technologies, and systems used to extract information from data and solve complex problems, various sectors have reached new heights and have changed our world for the better.

The **Handbook of Research on Engineering, Business, and Healthcare Applications of Data Science and Analytics** is a collection of innovative research on the methods and applications of data analytics. While highlighting topics including artificial intelligence, data security, and information systems, this book is ideally designed for researchers, data analysts, data scientists, healthcare administrators, executives, managers, engineers, IT consultants, academicians, and students interested in the potential of data application technologies.

Topics Covered:

- Artificial Intelligence
- Big Data
- Business Intelligence
- Business Performance
- Data Privacy
- Data Security
- E-Healthcare
- Information Systems
- Machine Learning
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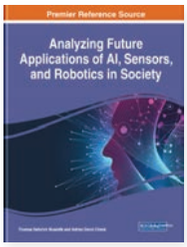

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先进机电一体化系统与智能机器人研究手册

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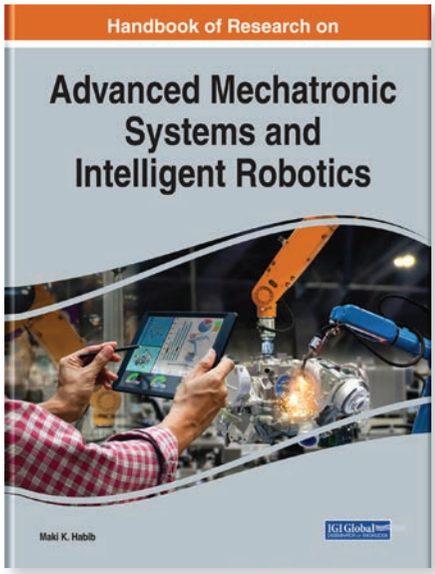
Prof. Maki K. Habib (The American University in Cairo, Egypt)



Description:

Advanced research in the field of mechatronics and robotics represents a unifying interdisciplinary and intelligent engineering science paradigm. It is a holistic, concurrent, and interdisciplinary engineering science that identifies novel possibilities of synergizing and fusing different disciplines.

The **Handbook of Research on Advanced Mechatronic Systems and Intelligent Robotics** is a collection of innovative research on the methods and applications of knowledge in both theoretical and practical skills of intelligent robotics and mechatronics. While highlighting topics including green technology, machine learning, and virtual manufacturing, this book is ideally designed for researchers, students, engineers, and computer practitioners seeking current research on developing innovative ideas for intelligent robotics and autonomous and smart interdisciplinary mechatronic products.

Topics Covered:

- Autonomous Robots and Navigation
- Bioinspired Robotics
- Biomedical Robotics
- Computational Intelligence
- Human Adaptive and Friendly Mechatronics
- Industrial Manufacturing
- Industry 4.0
- Mechatronics and Smart Systems
- Micro/Nano Robotics
- Robots in Hazard Environments
- Smart Sensors and Actuators

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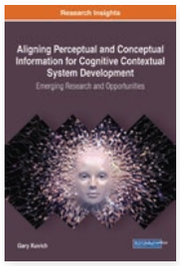
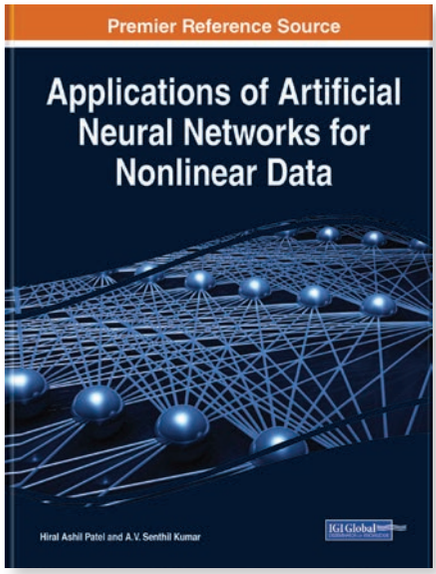


Aligning Perceptual and Conceptual Information for Cognitive Contextual System Development: Emerging Research and Opportunities
© 2018; 172 pp.



人工神经网络在非线性数据处理中的运用

Part of the Advances in Computational Intelligence and Robotics Book Series

Profs. Hiral Ashil Patel (Ganpat University, India) and A.V. Senthil Kumar (Hindusthan College of Arts and Science, India)

Description:

Processing information and analyzing data efficiently and effectively is crucial for any company that wishes to stay competitive in its respective market. Nonlinear data presents new challenges to organizations, however, due to its complexity and unpredictability. The only technology that can properly handle this form of data is artificial neural networks. These modeling systems present a high level of benefits in analyzing complex data in a proficient manner, yet considerable research on the specific applications of these intelligent components is significantly deficient.

Applications of Artificial Neural Networks for Nonlinear Data is a collection of innovative research on the contemporary nature of artificial neural networks and their specific implementations within data analysis. While highlighting topics including propagation functions, optimization techniques, and learning methodologies, this book is ideally designed for researchers, statisticians, academicians, developers, scientists, practitioners, students, and educators seeking current research on the use of artificial neural networks in diagnosing and solving nonparametric problems.

ISBN: 9781799840428
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Pages: 300

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Topics Covered:

- Hidden Layers
- Learning Methodologies
- Multi-Perceptions
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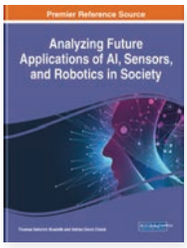

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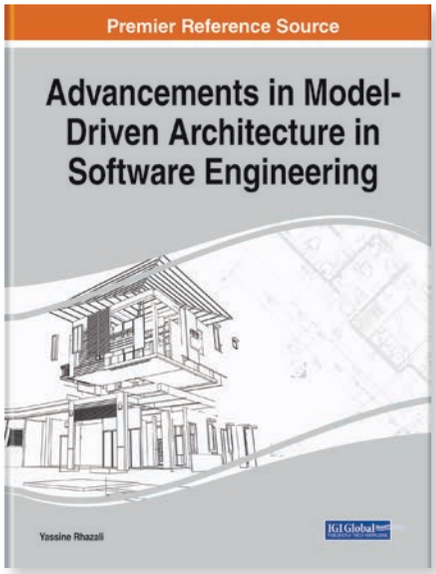
Prof. Yassine Rhazali (Moulay Ismail University of Meknes, Morocco)



Description:

An integral element of software engineering is model engineering. They both endeavor to minimize cost, time, and risks with quality software. As such, model engineering is a highly useful field that demands in-depth research on the most current approaches and techniques. Only by understanding the most up-to-date research can these methods reach their fullest potential.

Advancements in Model-Driven Architecture in Software Engineering is an essential publication that prepares readers to exercise modeling and model transformation and covers state-of-the-art research and developments on various approaches for methodologies and platforms of model-driven architecture, applications and software development of model-driven architecture, modeling languages, and modeling tools. Highlighting a broad range of topics including cloud computing, service-oriented architectures, and modeling languages, this book is ideally designed for engineers, programmers, software designers, entrepreneurs, researchers, academicians, and students.

Topics Covered:

- Business Process Modeling
- Cloud Computing
- Executable UML
- Meta-Modeling Foundations
- Model Quality
- Model-Driven Development
- Modeling Languages
- Project Management
- Service-Oriented Architectures
- Software Process Modeling
- Systems Engineering
- Testing and Validation

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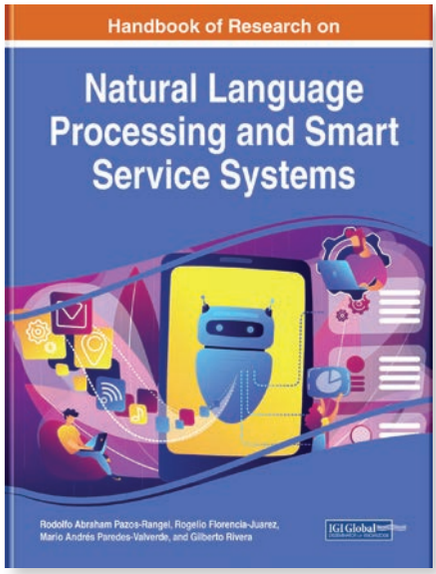

自然语言处理与智能服务系统研究手册

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Prof. Rodolfo Abraham Pazos-Rangel (Tecnológico Nacional de México, Mexico & Instituto Tecnológico de Ciudad Madero, Mexico), et al.

Description:

Natural language processing (NLP) is a branch of artificial intelligence that has emerged as a prevalent method of practice for a sizeable amount of companies. NLP enables software to understand human language and process complex data that is generated within businesses. In a competitive market, leading organizations are showing an increased interest in implementing this technology to improve user experience and establish smarter decision-making methods. Research on the application of intelligent analytics is crucial for professionals and companies who wish to gain an edge on the opposition.

The **Handbook of Research on Natural Language Processing and Smart Service Systems** is a collection of innovative research on the integration and development of intelligent software tools and their various applications within professional environments. While highlighting topics including discourse analysis, information retrieval, and advanced dialog systems, this book is ideally designed for developers, practitioners, researchers, managers, engineers, academicians, business professionals, scholars, policymakers, and students seeking current research on the improvement of competitive practices through the use of NLP and smart service systems.

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Topics Covered:

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- Discourse Analysis
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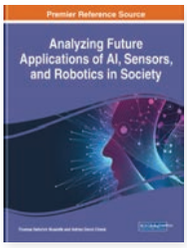

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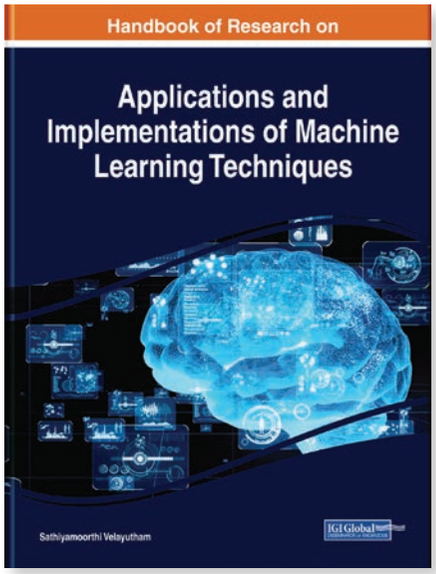
Prof. Sathiyamoorthi Velayutham (Sona College of Technology, India)



Description:

Artificial intelligence is at the forefront of research and implementation in many industries including healthcare and agriculture. Whether it's detecting disease or generating algorithms, deep learning techniques are advancing exponentially. Researchers and professionals need a platform in which they can keep up with machine learning trends and their developments in the real world.

The **Handbook of Research on Applications and Implementations of Machine Learning Techniques** provides innovative insights into the multi-disciplinary applications of machine learning algorithms for data analytics. The content within this publication examines disease identification, neural networks, and language support. It is designed for IT professionals, developers, data analysts, technology specialists, R&D professionals, industrialists, practitioners, researchers, academicians, and students seeking research on deep learning procedures and their enactments in the fields of medicine, engineering, and computer science.

Topics Covered:

- Algorithms
- Artificial Intelligence
- Breast Cancer Detection
- Deep Learning
- Disease Identification
- E-Commerce
- Image Steganography
- Language Support
- Neural Networks
- Pattern Mining

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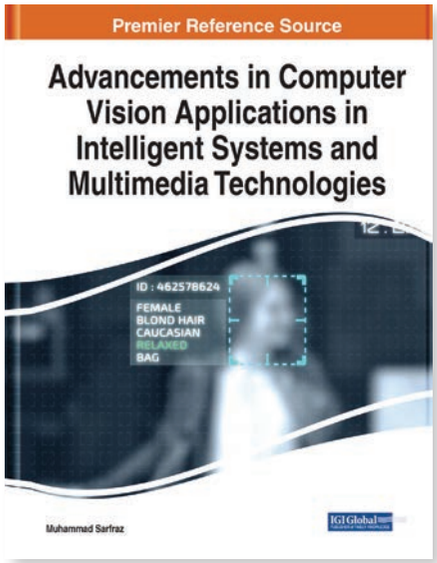

计算机视觉在智能系统和多媒体技术中的应用进展

Part of the Advances in Computational Intelligence and Robotics Book Series

Prof. Muhammad Sarfraz (Kuwait University, Kuwait)

Description:

Two significant areas of study that are continually impacting various dimensions in computer science are computer vision and imaging. These technologies are rapidly enhancing how information and data is being exchanged and opening numerous avenues of advancement within areas such as multimedia and intelligent systems. The high level of applicability in computer vision and image processing requires significant research on the specific utilizations of these technologies.

Advancements in Computer Vision Applications in Intelligent Systems and Multimedia Technologies is an essential reference source that discusses innovative developments in computational imaging for solving real-life issues and problems and addresses their execution in various disciplines. Featuring research on topics such as image modeling, remote sensing, and support vector machines, this book is ideally designed for IT specialists, scientists, researchers, engineers, developers, practitioners, industry professionals, academicians, and students seeking coverage on the latest developments and innovations in computer vision applications within the realm of multimedia systems.

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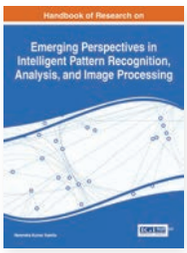

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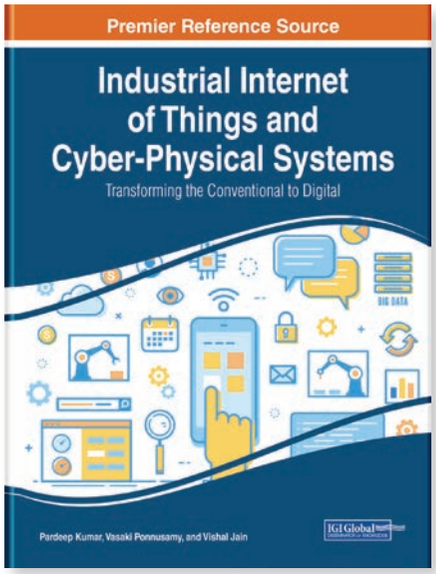

Description:

With the help of artificial intelligence, machine learning, and big data analytics, the internet of things (IoT) is creating partnerships within industry where machines, processes, and humans communicate with one another. As this radically changes traditional industrial operations, this results in the rapid design, cheap manufacture, and effective customization of products. Answering the growing demand of customers and their preferences has become a challenge for such partnerships.

Industrial Internet of Things and Cyber-Physical Systems: Transforming the Conventional to Digital is a collection of innovative research that discusses development, implementation, and business impacts of IoT technologies on sustainable societal development and improved life quality. Highlighting a wide range of topics such as green technologies, wireless networks, and IoT policy, this book is ideally designed for technology developers, entrepreneurs, industrialists, programmers, engineers, technicians, researchers, academicians, and students.

Topics Covered:

- Big Data and Analytics
- Cloud Computing
- Energy Efficiency
- Green Technologies
- Internet of Things
- IoT Policy
- IoT Standards
- Mobile Computing
- Smart Infrastructure
- Smart Manufacturing
- Wireless Networks

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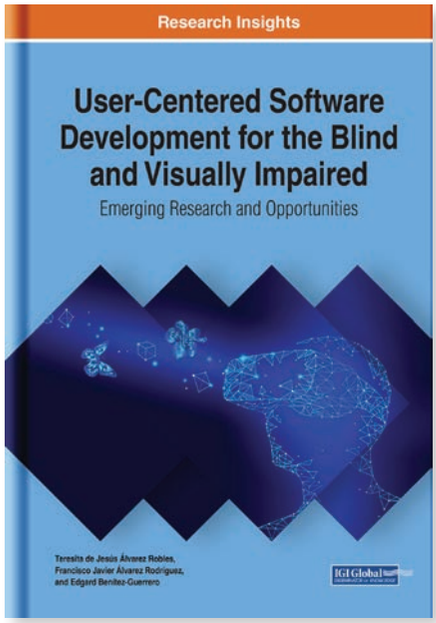

针对盲人与视障人士的以用户为本的软件开发：新兴研究与机遇

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Prof. Teresita de Jesús Álvarez Robles (Universidad Veracruzana, Mexico), et al.

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Description:

Human-computer interaction studies the users and their interaction with an interactive software system (ISS). However, these studies are designed for people without any type of disability, causing there to be few existing techniques or tools that focus on the characteristics of a specific user, thus causing accessibility and utility issues for neglected segments of the population. This reference source intends to remedy this lack of research by supporting an ISS focused on people with visual impairment.

User-Centered Software Development for the Blind and Visually Impaired: Emerging Research and Opportunities is a collection of innovative research on techniques, applications, and methods for carrying out software projects in which the main users are people with visual impairments. While highlighting topics including mobile technology, assistive technologies, and human-computer interaction, this book is ideally designed for software developers, computer engineers, designers, academics, researchers, professionals, and educators interested in current research on usable and accessible technologies.

Topics Covered:

- Artificial Network
- Assistive Technologies
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- Color Blindness
- Curriculum Development
- Game-Based Learning
- Human-Computer Interaction
- Instructional Design
- Mobile Technology
- Special Education

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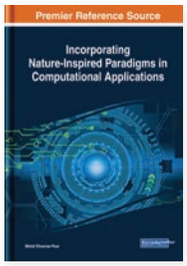

Incorporating Nature-Inspired Paradigms in Computational Applications
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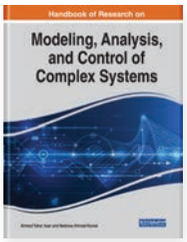

Handbook of Research on Modeling, Analysis, and Control of Complex Systems
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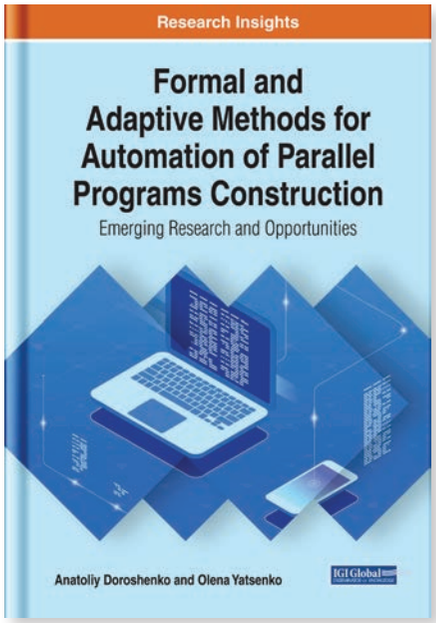

Description:

Emerging scientific and industrial applications in today's world require significant computing power. Modern software tools are available for such platforms but are relatively complex and require the use of innovative programming models. One promising area in modern software design is the development, analysis, and implementation of algorithms and adaptive methods. These advancements in programming are promising but lack relevant research and understanding.

Formal and Adaptive Methods for Automation of Parallel Programs Construction: Emerging Research and Opportunities is an essential reference source that solves the problem of the development of efficient models, methods, and tools for parallel programming automation based on the algebra of algorithms, term rewriting, and auto-tuning paradigms. The results of this book will help to further develop and improve existing research on design, synthesis, and optimization of sequential and parallel algorithms and programs. Featuring research on topics such as auto-tuning methods, graphics processing, and algorithmic language, this book is ideally designed for mathematicians, software engineers, data scientists, researchers, academicians, and students seeking coverage on developing tools for automated design and parallel programs.

Topics Covered:

- Algorithm Specifications
- Algorithmic Language
- Auto-Tuning Methods
- Automated Software Design
- Graphics Processing
- Multicore Processors
- Parallel Computing
- Parameter-Driven Models
- Programming Methods
- Term Rewriting

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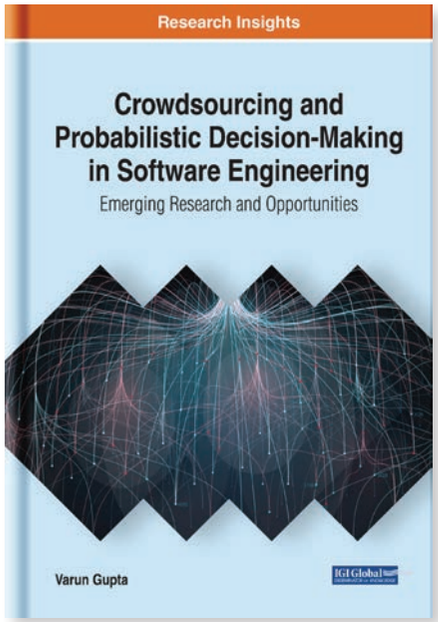

软件工程学中的众包与概率决策：新兴研究与机遇

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Prof. Varun Gupta (University of Beira Interior, Covilha, Portugal)

ISBN: 9781522596592
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Description:

With today's technological advancements, the evolution of software has led to various challenges regarding mass markets and crowds. High quality processing must be capable of handling large groups in an efficient manner without error. Solutions that have been applied include artificial intelligence and natural language processing, but extensive research in this area has yet to be undertaken.

Crowdsourcing and Probabilistic Decision-Making in Software Engineering: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the application of crowd-based software engineering and supports software engineers who want to improve the manner in which software is developed by increasing the accuracy of probabilistic reasoning to support their decision-making and getting automation support. While highlighting topics such as modeling techniques and programming practices, this publication is ideally designed for software developers, software engineers, computer engineers, executives, professionals, and researchers.

Topics Covered:

- Automation Support
- Crowd Evolution
- Decision-Making
- Empirical Studies
- Modeling Techniques
- Probability Inputs
- Programming Practices
- Requirements Engineering
- Software Development
- Software Testing

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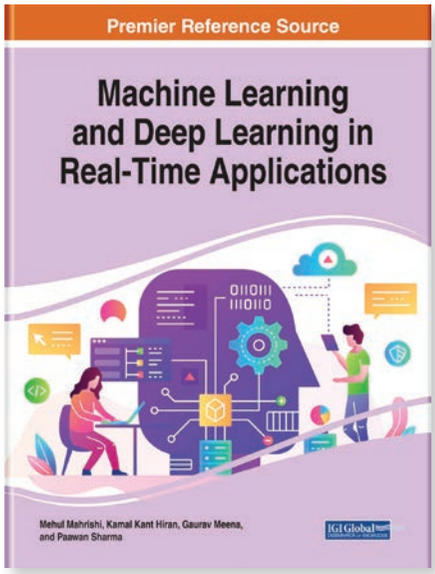

Description:

Artificial intelligence and its various components are rapidly engulfing almost every professional industry. Specific features of AI that have proven to be vital solutions to numerous real-world issues are machine learning and deep learning. These intelligent agents unlock higher levels of performance and efficiency, creating a wide span of industrial applications. However, there is a lack of research on the specific uses of machine/deep learning in the professional realm.

Machine Learning and Deep Learning in Real-Time Applications provides emerging research exploring the theoretical and practical aspects of machine learning and deep learning and their implementations as well as their ability to solve real-world problems within several professional disciplines including healthcare, business, and computer science. Featuring coverage on a broad range of topics such as image processing, medical improvements, and smart grids, this book is ideally designed for researchers, academicians, scientists, industry experts, scholars, IT professionals, engineers, and students seeking current research on the multifaceted uses and implementations of machine learning and deep learning across the globe.

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Pages: 344

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Topics Covered:

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- Computer Vision
- Data Security
- Embedded Systems
- Image Processing
- Internet of Things
- Medical Improvements
- Natural Language Processing
- Smart Agriculture
- Smart Grids

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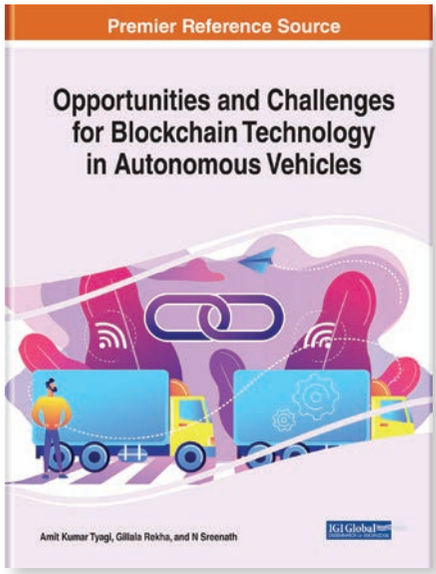

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Profs. Amit Kumar Tyagi (Vellore Institute of Technolgy, Chennai, India), Gillala Rekha (K. L. University, India), and N. Sreenath (Pondicherry Engineering College, India)

Description:

Blockchain was first conceptualized as a method of building trust in machines and has grown into a vital aspect of many different sectors of the economy. Recently, attention has shifted to the field of autonomous vehicles, and the added value blockchain can provide for the future of this sector by building next generation secure decentralized, distributed, and trusted automated environments and enhancing the productivity of several autonomous applications.

Opportunities and Challenges for Blockchain Technology in Autonomous Vehicles is a critical reference source that explores the applications of blockchain in automated industries. Featuring coverage on a wide range of topics including privacy, risk assessment, and performance optimization, this book is ideally designed for design engineers, industry professionals, cryptographers, service designers, entrepreneurs, government officials, consultants, researchers, academicians, and students.

ISBN: 9781799832959
Release Date: August, 2020
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Pages: 300

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- Privacy
- Public Transportation
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- Supply Chain Management

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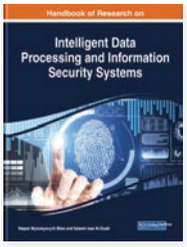

Handbook of Research on Intelligent Data Processing and Information Security Systems
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面向模式识别的MatConvNet深度学习和iOS移动应用程序设计：新兴研究与机遇

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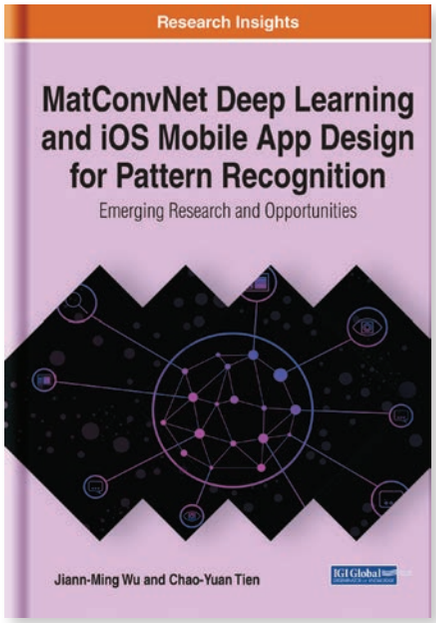

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Copyright: 2020
Pages: 181

Pricing:

Hardcover: US $175.00
Softcover: US $135.00
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Description:

Deep learning has become a trending area of research due to its adaptive characteristics and high levels of applicability. In recent years, researchers have begun applying deep learning strategies to image analysis and pattern recognition for solving technical issues within image classification. As these technologies continue to advance, professionals have begun translating this intelligent programming language into mobile applications for devices. Programmers and web developers are in need of significant research on how to successfully develop pattern recognition applications using intelligent programming.

MatConvNet Deep Learning and iOS Mobile App Design for Pattern Recognition: Emerging Research and Opportunities is an essential reference source that presents a solution to developing intelligent pattern recognition Apps on iOS devices based on MatConvNet deep learning. Featuring research on topics such as medical image diagnosis, convolutional neural networks, and character classification, this book is ideally designed for programmers, developers, researchers, practitioners, engineers, academicians, students, scientists, and educators seeking coverage on the specific development of iOS mobile applications using pattern recognition strategies.

Topics Covered:

- Artificial Intelligence
- Caffe Deep Learning
- Character Classification
- Convolutional Neural Networks
- Image Processing
- iOS Devices
- Matlab Programming
- Medical Image Diagnosis
- Mobile Applications
- Pattern Recognition

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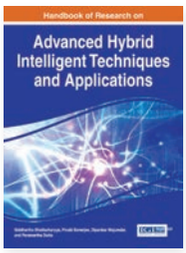

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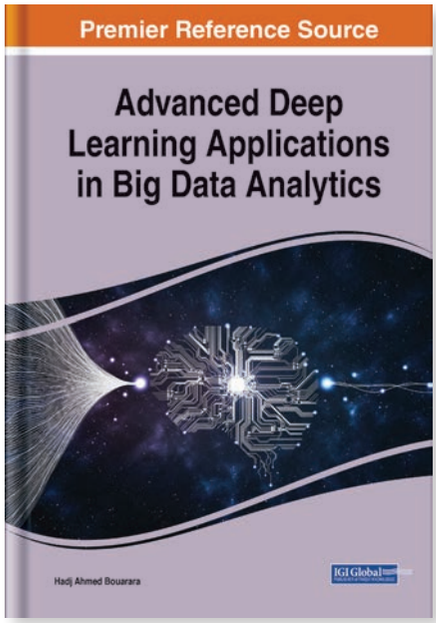

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Prof. Hadj Ahmed Bouarara (Tahar Moulay University of Saida, Algeria)

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Description:

Interest in big data has swelled within the scholarly community as has increased attention to the internet of things (IoT). Algorithms are constructed in order to parse and analyze all this data to facilitate the exchange of information. However, big data has suffered from problems in connectivity, scalability, and privacy since its birth. The application of deep learning algorithms has helped process those challenges and remains a major issue in today's digital world.

Advanced Deep Learning Applications in Big Data Analytics is a pivotal reference source that aims to develop new architecture and applications of deep learning algorithms in big data and the IoT. Highlighting a wide range of topics such as artificial intelligence, cloud computing, and neural networks, this book is ideally designed for engineers, data analysts, data scientists, IT specialists, programmers, marketers, entrepreneurs, researchers, academicians, and students.

Topics Covered:

- Algorithms
- Artificial Intelligence
- Big Data
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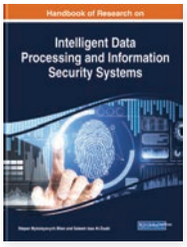

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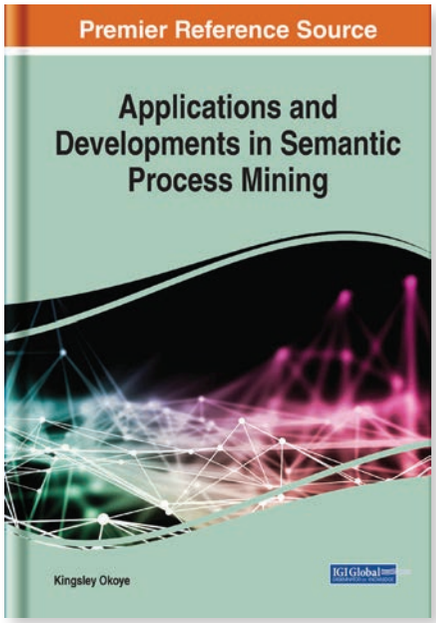

Description:

As technology becomes increasingly intelligent, various factors within the field of data science are seeing significant transformation. Process analysis is one area that is undergoing substantial development due to the implementation of semantic reasoning and web technologies. The congruence of these two systems has created various applications and developments in data processing and analysis across several professional fields.

Applications and Developments in Semantic Process Mining is an essential reference source that discusses the improvement of process mining algorithms through the implementation of semantic modeling and representation. Featuring research on topics such as domain ontologies, fuzzy modeling, and information extraction, the book takes into account the different stages of process mining and its application in real time and then expounds the classical process mining techniques to semantical preparation of the extracted models for further analysis and querying at a more abstract level. The book provides a wide-ranging idea of the application and development of semantic process mining that is expected to be beneficial and used by professionals, software and data engineers, software developers, IT experts, business owners and entrepreneurs, and process analysts.

ISBN: 9781799826682
Release Date: April, 2020
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Pages: 248

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Topics Covered:

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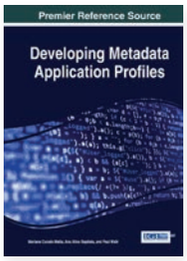

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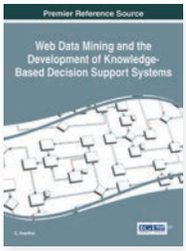

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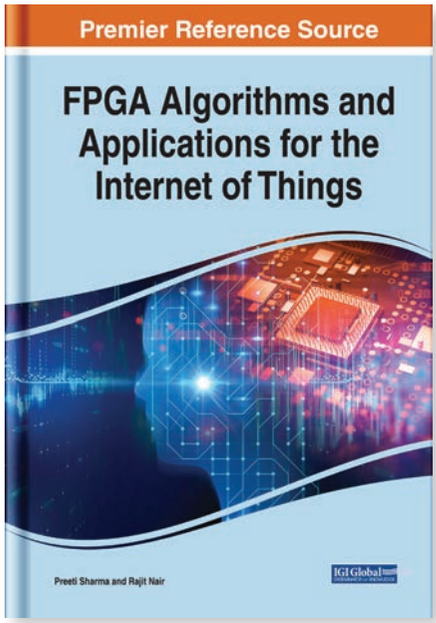

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Profs. Preeti Sharma (Bansal College of Engineering, Mandideep, India) and Rajit Nair (Jagran Lakecity University, Bhopal, India)

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Description:

In the research area of computer science, practitioners are constantly searching for faster platforms with pertinent results. With analytics that span environmental development to computer hardware emulation, problem-solving algorithms are in high demand. Field-Programmable Gate Array (FPGA) is a promising computing platform that can be significantly faster for some applications and can be applied to a variety of fields.

FPGA Algorithms and Applications for the Internet of Things provides emerging research exploring the theoretical and practical aspects of computable algorithms and applications within robotics and electronics development. Featuring coverage on a broad range of topics such as neuroscience, bioinformatics, and artificial intelligence, this book is ideally designed for computer science specialists, researchers, professors, and students seeking current research on cognitive analytics and advanced computing.

Topics Covered:

- ARM Development
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- Cognitive Analytics
- Data Analytics
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- FPGA Development
- Internet of Things
- Medical Imaging
- Neuroscience
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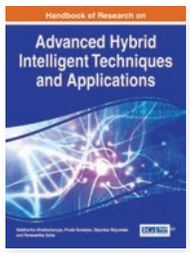

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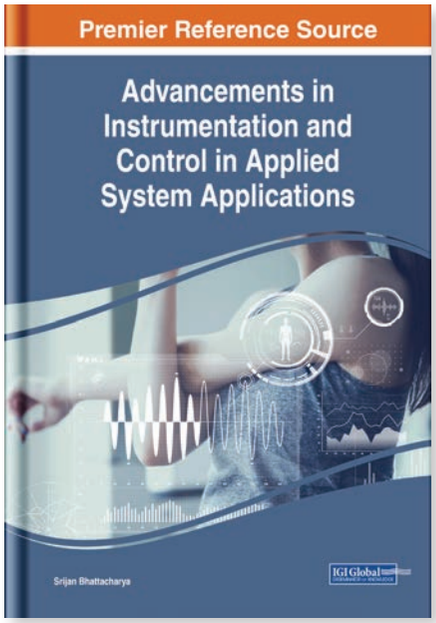

Description:

As technology continues to advance in today's global market, practitioners are targeting systems with significant levels of applicability and variance. Instrumentation is a multidisciplinary subject that provides a wide range of usage in several professional fields, specifically engineering. Instrumentation plays a key role in numerous daily processes and has seen substantial advancement in recent years. It is of utmost importance for engineering professionals to understand the modern developments of instruments and how they affect everyday life.

Advancements in Instrumentation and Control in Applied System Applications is a collection of innovative research on the methods and implementations of instrumentation in real-world practices including communication, transportation, and biomedical systems. While highlighting topics including smart sensor design, medical image processing, and atrial fibrillation, this book is ideally designed for researchers, software engineers, technologists, developers, scientists, designers, IT professionals, academicians, and post-graduate students seeking current research on recent developments within instrumentation systems and their applicability in daily life.

Topics Covered:

- Artificial Intelligence
- Artificial Neural Networks
- Atrial Fibrillation
- Biomedical Applications
- Medical Image Processing
- Multichannel Signal Processing
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- Soft Computing
- Software Architectures

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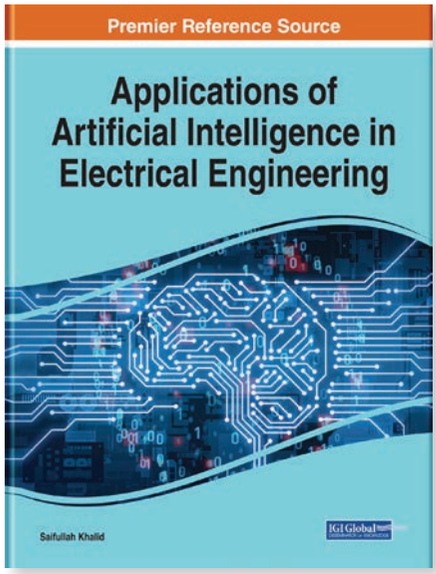

人工智能在电气工程中的运用

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Prof. Saifullah Khalid (Airports Authority of India, India)

Description:

Artificial intelligence is increasingly finding its way into industrial and manufacturing contexts. The prevalence of AI in industry from stock market trading to manufacturing makes it easy to forget how complex artificial intelligence has become. Engineering provides various current and prospective applications of these new and complex artificial intelligence technologies.

Applications of Artificial Intelligence in Electrical Engineering is a critical research book that examines the advancing developments in artificial intelligence with a focus on theory and research and their implications. Highlighting a wide range of topics such as evolutionary computing, image processing, and swarm intelligence, this book is essential for engineers, manufacturers, technology developers, IT specialists, managers, academicians, researchers, computer scientists, and students.

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Copyright: 2020
Pages: 388

Pricing:

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Topics Covered:

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- Big Data
- Cloud Computing
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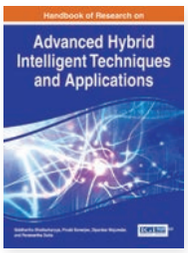

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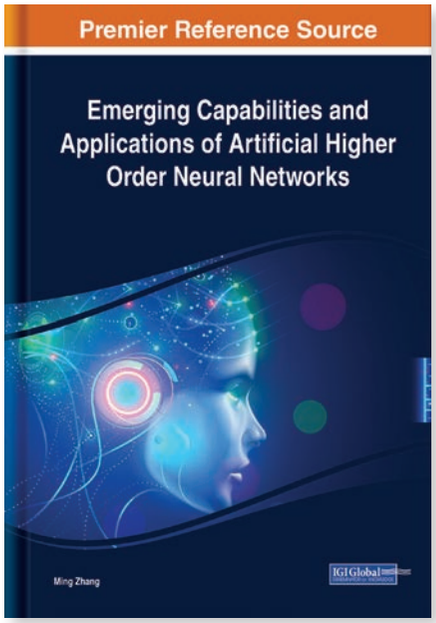

Description:

Artificial neural network research is one of the new directions for new generation computers. Current research suggests that open box artificial higher order neural networks (HONNs) play an important role in this new direction. HONNs will challenge traditional artificial neural network products and change the research methodology that people are currently using in control and recognition areas for the control signal generating, pattern recognition, nonlinear recognition, classification, and prediction. Since HONNs are open box models, they can be easily accepted and used by individuals working in information science, information technology, management, economics, and business fields.

Emerging Capabilities and Applications of Artificial Higher Order Neural Networks contains innovative research on how to use HONNs in control and recognition areas and explains why HONNs can approximate any nonlinear data to any degree of accuracy, their ease of use, and how they can have better nonlinear data recognition accuracy than SAS nonlinear procedures. Featuring coverage on a broad range of topics such as nonlinear regression, pattern recognition, and data prediction, this book is ideally designed for data analysists, IT specialists, engineers, researchers, academics, students, and professionals working in the fields of economics, business, modeling, simulation, control, recognition, computer science, and engineering research.

Topics Covered:

- Artificial Intelligence
- Data Analysis
- Data Prediction
- Facial Recognition
- Financial Data
- GAT Tree Model
- Group Models
- Machine Learning
- Nonlinear Regression
- Pattern Recognition

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Pages: 346

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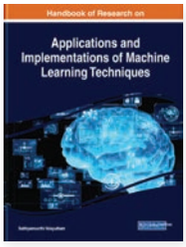
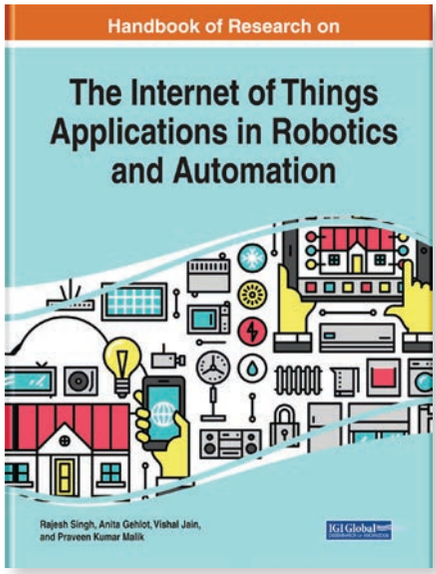


Handbook of Research on Applications and Implementations of Machine Learning Techniques
© 2020; 461 pp.



机器人与自动化中的物联网应用研究手册

Part of the Advances in Computational Intelligence and Robotics Book Series

Profs. Rajesh Singh (Lovely Professional University, India), Anita Gehlot (Lovely Professional University, India), Vishal Jain (Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India), and Praveen Kumar Malik (Lovely Professional University, India)

ISBN: 9781522595748
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Pages: 433

Pricing:

Hardcover: US $295.00
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Description:

With near-universal internet access and ever-advancing electronic devices, the ability to facilitate interactions between various hardware and software provides endless possibilities. Though internet of things (IoT) technology is becoming more popular among individual users and companies, more potential applications of this technology are being sought every day. There is a need for studies and reviews that discuss the methodologies, concepts, and possible problems of a technology that requires little or no human interaction between systems.

The **Handbook of Research on the Internet of Things Applications in Robotics and Automation** is a pivotal reference source on the methods and uses of advancing IoT technology. While highlighting topics including traffic information systems, home security, and automatic parking, this book is ideally designed for network analysts, telecommunication system designers, engineers, academicians, technology specialists, practitioners, researchers, students, and software developers seeking current research on the trends and functions of this life-changing technology.

Topics Covered:

- Android and Arduino
- Automatic Parking
- E-Health
- Home Security Modeling
- Motion-Controlled Servos
- Raspberry Pi
- Smart Farming
- Temperature Monitoring
- Traffic Information Systems
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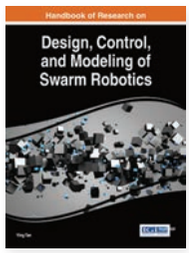

Handbook of Research on Design, Control, and Modeling of Swarm Robotics
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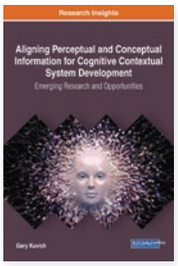

Aligning Perceptual and Conceptual Information for Cognitive Contextual System Development: Emerging Research and Opportunities
© 2018; 172 pp.

先进机器智能在计算机视觉和目标识别中的应用：新兴研究和机遇

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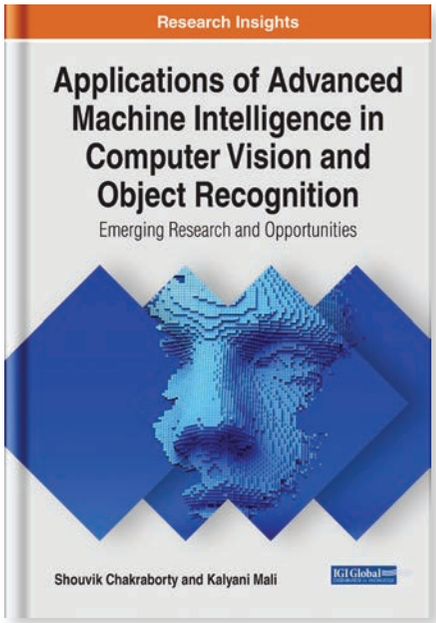
Profs. Shouvik Chakraborty (University of Kalyani, India) and Kalyani Mali (University of Kalyani, India)



Description:

Computer vision and object recognition are two technological methods that are frequently used in various professional disciplines. In order to maintain high levels of quality and accuracy of services in these sectors, continuous enhancements and improvements are needed. The implementation of artificial intelligence and machine learning has assisted in the development of digital imaging, yet proper research on the applications of these advancing technologies is lacking.

Applications of Advanced Machine Intelligence in Computer Vision and Object Recognition: Emerging Research and Opportunities explores the theoretical and practical aspects of modern advancements in digital image analysis and object detection as well as its applications within healthcare, security, and engineering fields. Featuring coverage on a broad range of topics such as disease detection, adaptive learning, and automated image segmentation, this book is ideally designed for engineers, physicians, researchers, academicians, practitioners, scientists, industry professionals, scholars, and students seeking research on the current developments in object recognition using artificial intelligence.

Topics Covered:

- Adaptive Learning
- Automated Image Segmentation
- Biomedical Imaging
- Cardiac Function Analysis
- Digital Image Classification
- Disease Detection
- Hybrid Neural Networks
- Image Retrieval
- Intelligent Security Methods
- Machine Learning

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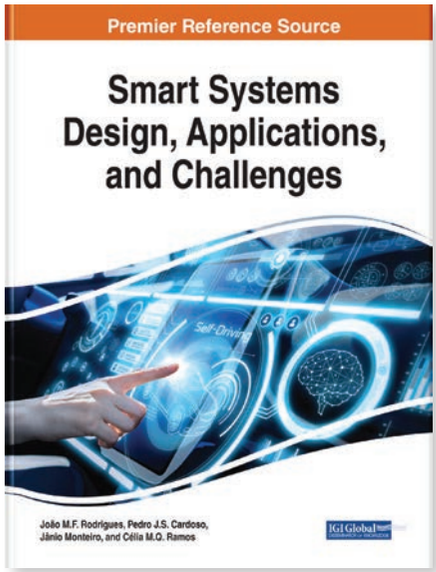

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Prof. João M.F. Rodrigues (Universidade do Algarve, Portugal & LARSyS, Institute for Systems and Robotics, Lisbon, Portugal), et al.

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Description:

Smart systems when connected to artificial intelligence (AI) are still closely associated with some popular misconceptions that cause the general public to either have unrealistic fears about AI or to expect too much about how it will change our workplace and life in general. It is important to show that such fears are unfounded, and that new trends, technologies, and smart systems will be able to improve the way we live, benefiting society without replacing humans in their core activities.

Smart Systems Design, Applications, and Challenges provides emerging research that presents state-of-the-art technologies and available systems in the domains of smart systems and AI and explains solutions from an augmented intelligence perspective, showing that these technologies can be used to benefit, instead of replace, humans by augmenting the information and actions of their daily lives. The book addresses all smart systems that incorporate functions of sensing, actuation, and control in order to describe and analyze a situation and make decisions based on the available data in a predictive or adaptive manner. Highlighting a broad range of topics such as business intelligence, cloud computing, and autonomous vehicles, this book is ideally designed for engineers, investigators, IT professionals, researchers, developers, data analysts, professors, and students.

Topics Covered:

- Artificial Intelligence
- Augmented Analytics
- Autonomous Vehicles
- Business Intelligence
- Cloud Computing
- Cryptocurrency
- Machine Learning
- Smart Cities
- Smart Tourism
- Virtual Reality

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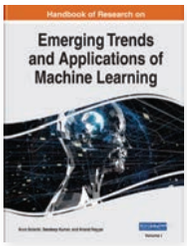

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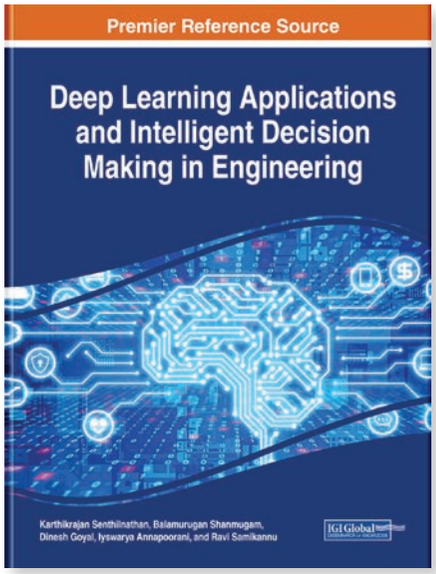

Description:

Deep learning includes a subset of machine learning for processing the unsupervised data with artificial neural network functions. The major advantage of deep learning is to process big data analytics for better analysis and self-adaptive algorithms to handle more data. When applied to engineering, deep learning can have a great impact on the decision-making process.

Deep Learning Applications and Intelligent Decision Making in Engineering is a pivotal reference source that provides practical applications of deep learning to improve decision-making methods and construct smart environments. Highlighting topics such as smart transportation, e-commerce, and cyber physical systems, this book is ideally designed for engineers, computer scientists, programmers, software engineers, research scholars, IT professionals, academicians, and postgraduate students seeking current research on the implementation of automation and deep learning in various engineering disciplines.

Topics Covered:

- Computer Vision
- Cyber Physical Systems
- Cyber Security
- Decision Making
- E-Commerce
- Industry 4.0
- Smart Agriculture
- Smart Grids
- Smart Transportation
- Vehicle Parking Systems

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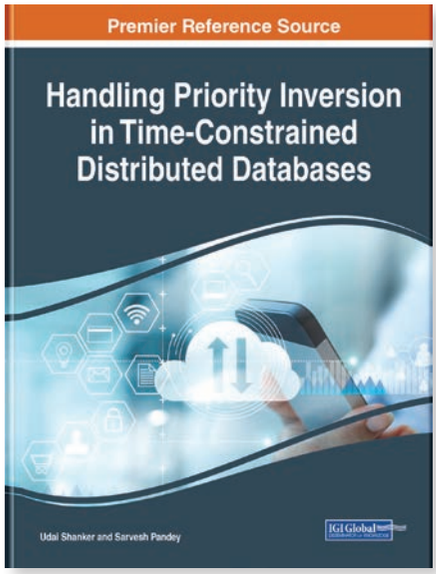

时间约束分布式数据库中优先级反转的处理

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Profs. Udai Shanker (Madan Mohan Malaviya University of Technology, India) and Sarvesh Pandey (Madan Mohan Malaviya University of Technology, India)

Description:

In the computer science industry, high levels of performance remain the focal point in software engineering. This quest has made current systems exceedingly complex, as practitioners strive to discover novel approaches to increase the capabilities of modern computer structures. A prevalent area of research in recent years is scalable transaction processing and its usage in large databases and cloud computing. Despite its popularity, there remains a need for significant research in the understanding of scalability and its performance within distributed databases.

Handling Priority Inversion in Time-Constrained Distributed Databases provides emerging research exploring the theoretical and practical aspects of database transaction processing frameworks and improving their performance using modern technologies and algorithms. Featuring coverage on a broad range of topics such as consistency mechanisms, real-time systems, and replica management, this book is ideally designed for IT professionals, computing specialists, developers, researchers, data engineers, executives, academics, and students seeking research on current trends and developments in distributed computing and databases.

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Pages: 338

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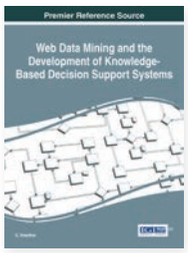

Web Data Mining and the Development of Knowledge-Based Decision Support Systems
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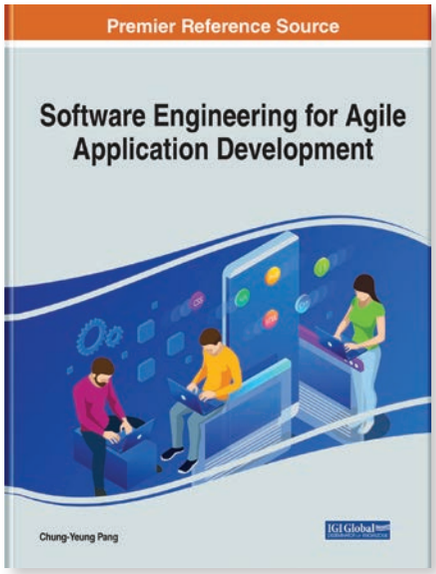
Prof. Chung-Yeung Pang (Seveco AG, Switzerland)



Description:

As the software industry continues to evolve, professionals are continually searching for practices that can assist with the various problems and challenges in information technology (IT). Agile development has become a popular method of research in recent years due to its focus on adapting to change. There are many factors that play into this process, so success is no guarantee. However, combining agile development with other software engineering practices could lead to a high rate of success in problems that arise during the maintenance and development of computing technologies.

Software Engineering for Agile Application Development is a collection of innovative research on the methods and implementation of adaptation practices in software development that improve the quality and performance of IT products. The presented materials combine theories from current empirical research results as well as practical experiences from real projects that provide insights into incorporating agile qualities into the architecture of the software so that the product adapts to changes and is easy to maintain. While highlighting topics including continuous integration, configuration management, and business modeling, this book is ideally designed for software engineers, software developers, engineers, project managers, IT specialists, data scientists, computer science professionals, researchers, students, and academics.

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Pages: 330

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Topics Covered:

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- Continuous Integration
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- Quality Assurance
- Requirement Engineering
- Risk Analysis
- Software Architecture

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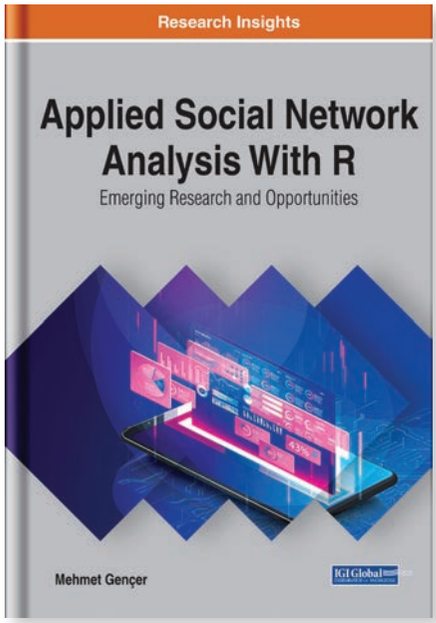

运用R分析社会网络：新兴研究与机遇

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Prof. Mehmet Gençer (Izmir University of Economics, Turkey)

Description:

Understanding the social relations within the fields of business and economics is vital for the promotion of success within a certain organization. Analytics and statistics have taken a prominent role in marketing and management practices as professionals are constantly searching for a competitive advantage. Converging these technological tools with traditional methods of business relations is a trending area of research.

Applied Social Network Analysis With R: Emerging Research and Opportunities is an essential reference source that materializes and analyzes the issue of structure in terms of its effects on human societies and the state of the individuals in these communities. Even though the theme of the book is business-oriented, an approach underlining and strengthening the ties of this field of study with social sciences for further development is adopted throughout. Therefore, the knowledge presented is valid for analyzing not only the organization of the business world but also for the organization of any given community. Featuring research on topics such as network visualization, graph theory, and micro-dynamics, this book is ideally designed for researchers, practitioners, business professionals, managers, programmers, academicians, and students seeking coverage on analyzing social and business networks using modern methods of statistics, programming, and data sets.

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Topics Covered:

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- Data Sets
- Evolutionary Algorithms
- Graph Theory
- Micro-Dynamics
- Network Visualization
- Non-Local Centrality
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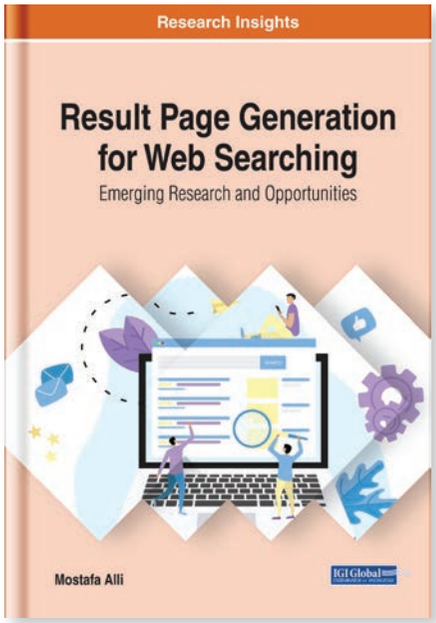

Description:

Diversity in user queries makes it challenging for search engines to effectively return a set of relevant results. Both user intentions to search the web and types of queries are vastly varied; consequently, horizontal and vertical search engines are developed to answer user queries more efficiently. However, these search engines present a variety of problems in web searching.

Result Page Generation for Web Searching: Emerging Research and Opportunities is an essential reference publication that focuses on taking advantages from text and web mining in order to address the issues of recommendation and visualization in web searching. Highlighting a wide range of topics such as navigational searching, resource identification, and ambiguous queries, this book is ideally designed for computer engineers, web designers, programmers, academicians, researchers, and students.

Topics Covered:

- Ambiguous Queries
- Disambiguation Tasks
- Horizontal Search Engines
- Locality
- Navigational Searching
- Resource Identification
- User Input
- Vertical Search Engines
- Visualization in Web Searching
- Web Navigation
- Web Search Recommendation

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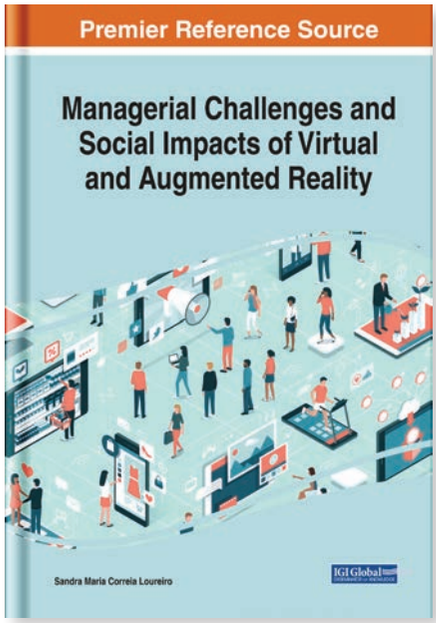

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Prof. Sandra Maria Correia Loureiro (Business Research Unit (BRU-IUL), Instituto Universitário de Lisboa (ISCTE-IUL), Lisboa, Portugal)

Description:

The increase in smartphone usage and new technologies embedded in smart devices have led to innovative developments and applications throughout a variety of industries. However, new techniques such as spatial augmented reality are becoming more affordable for business, allowing consumers to experience and interact with the world as they never have before. AR and VR have vast implications for management and can allow companies to increase their sustainability and reduce their CO2 footprint.

Managerial Challenges and Social Impacts of Virtual and Augmented Reality is a pivotal reference source that provides vital research on the applications of VR, AR, and related technologies from the perspectives of managers and marketers in the industry and discusses the social impact of these technologies. While highlighting topics such as consumer analysis, privacy ethics, and relationship marketing, this book is ideally designed for managers, marketers, technology developers, managing directors, business professionals, academicians, students, and researchers seeking current studies on the evolution of interactive technology.

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Pages: 318

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- Consumer Analysis
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- Digital Reality
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- Mobile Technology
- Privacy Ethics
- Relationship Marketing
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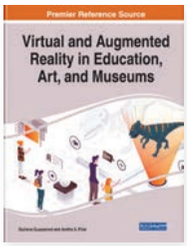

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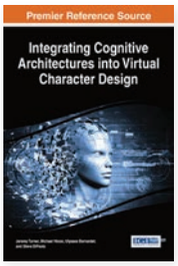

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信息系统设计的新方法

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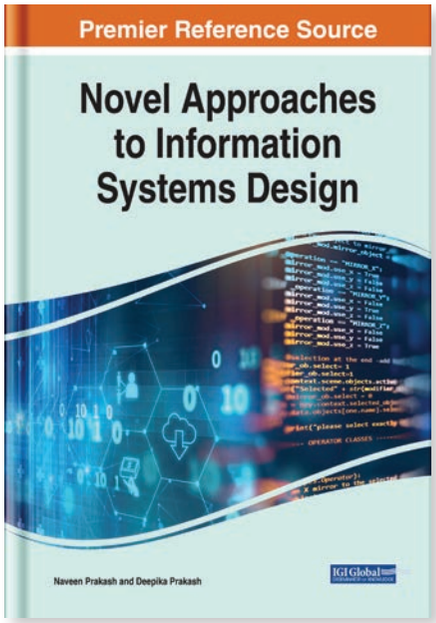
Profs. Naveen Prakash (Indraprastha Institute of Information Technology, Delhi, India) and Deepika Prakash (NIIT University, India)



Description:

Though traditionally information systems have been centralized, these systems are now distributed over the web. This requires a re-investigation into the way information systems are modeled and designed. Because of this new function, critical problems, including security, never-fail systems, and quality of service have begun to emerge.

Novel Approaches to Information Systems Design is an essential publication that explores the most recent, cutting-edge research in information systems and exposes the reader to emerging but relatively mature models and techniques in the area. Highlighting a wide range of topics such as big data, business intelligence, and energy efficiency, this publication is ideally designed for managers, administrators, system developers, information system engineers, researchers, academicians, and graduate-level students seeking coverage on critical components of information systems.

Topics Covered:

- Big Data
- Blockchain
- Business Intelligence
- Computational Agency
- Data Streams
- Data Warehousing
- Energy Efficiency
- Information Systems
- Internet of Things
- Systems Development

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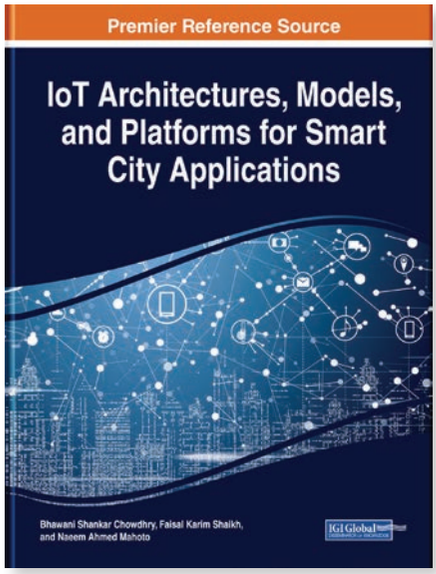

面向智慧城市应用的物联网架构、模式与平台

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Description:

Developing countries are persistently looking for efficient and cost-effective methods for transforming their communities into smart cities. Unfortunately, energy crises have increased in these regions due to a lack of awareness and proper utilization of technological methods. These communities must explore and implement innovative solutions in order to enhance citizen enrollment, quality of government, and city intelligence.

IoT Architectures, Models, and Platforms for Smart City Applications provides emerging research exploring the theoretical and practical aspects of transforming cities into intelligent systems using IoT-based design models and sustainable development projects. This publication looks at how cities can be built as smart cities within limited resources and existing advanced technologies. Featuring coverage on a broad range of topics such as cloud computing, human machine interface, and ad hoc networks, this book is ideally designed for urban planners, engineers, IT specialists, computer engineering students, research scientists, academicians, technology developers, policymakers, researchers, and designers seeking current research on smart applications within urban development.

Topics Covered:

- Ad Hoc Networks
- Cloud Computing
- Human-Machine Interface
- Industrial Internet
- Internet of Everything
- M2M Communication
- Personal Area Networks
- RFID Technology
- Wireless Communication
- Wireless Sensor Networks

Related Books

Predictive Intelligence Using Big Data and the Internet of Things
© 2019; 300 pp.

Harnessing the Internet of Everything (IoE) for Accelerated Innovation Opportunities
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Description:

Many professional fields have been affected by the rapid growth of technology and information. Included in this are the business and management markets as the implementation of e-commerce and cloud computing have caused enterprises to make considerable changes to their practices. With the swift advancement of this technology, professionals need proper research that provides solutions to the various issues that come with data integration and shifting to a technology-driven environment.

Cloud Computing Applications and Techniques for E-Commerce is an essential reference source that discusses the implementation of data and cloud technology within the fields of business and information management. Featuring research on topics such as content delivery networks, virtualization, and software resources, this book is ideally designed for managers, educators, administrators, researchers, computer scientists, business practitioners, economists, information analysists, sociologists, and students seeking coverage on the recent advancements of e-commerce using cloud computing techniques.

Topics Covered:

- Architecture Principles
- Auto-Scaling
- Big Data Technology
- Cloud Security
- Computer Hardware
- Content Delivery Networks
- Data Center Deployment
- Software Installation
- Software Resources
- Virtualization

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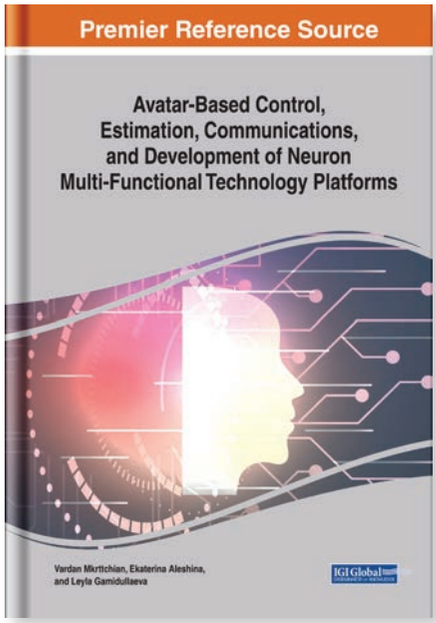

神经元多功能技术平台的化身控制、评估、通信与开发

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Description:

Competition in today's global market offers strong motivation for the development of sophisticated tools within computer science. The neuron multi-functional technology platform is a developing field of study that regards the various interactive approaches that can be applied within this subject matter. As advancing technologies continue to emerge, managers and researchers need a compilation of research that discusses the advancements and specific implementations of these intelligent approaches with this platform.

Avatar-Based Control, Estimation, Communications, and Development of Neuron Multi-Functional Technology Platforms is a pivotal reference source that provides vital research on the application of artificial and natural approaches towards neuron-based programs. While highlighting topics such as natural intelligence, neurolinguistics, and smart data storage, this publication presents techniques, case studies, and methodologies that combine the use of intelligent artificial and natural approaches with optimization techniques for facing problems and combines many types of hardware and software with a variety of communication technologies to enable the development of innovative applications. This book is ideally designed for researchers, practitioners, scientists, field experts, professors, and students seeking current research on the optimization of avatar-based advancements in multifaceted technology systems.

Topics Covered:

- Artificial Intelligence
- Cloud-Based Applications
- Intelligent Algorithms
- Internet of Things
- Natural Intelligence
- Neural Networks
- Neurolinguistics
- Smart Data Storage
- Socioeconomic Systems
- Software-Defined Networking

Related Books

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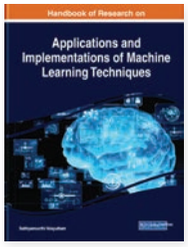

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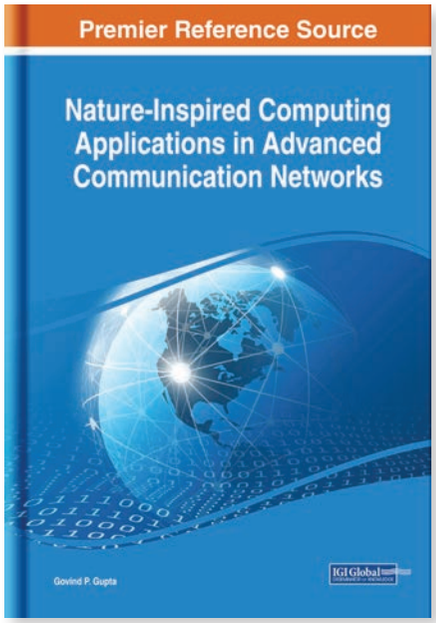

Description:

With the rapid growth of technology in society, communication networks have become a heavily researched topic. Implementing these advanced systems is a challenge, however, due to the abundance of optimization problems within these networks. The use of meta-heuristic algorithms and nature-inspired computing has become a prevalent technique among researchers for solving these complex problems within communication networks. Despite its popularity, this specific computing technique lacks the appropriate amount of research that is needed for professionals to grasp a definite understanding.

Nature-Inspired Computing Applications in Advanced Communication Networks is a collection of innovative research on the methods and applications of natural computation techniques and algorithms within communication systems such as wireless sensor networks, vehicular adhoc networks, and internet of things. While highlighting topics including mobile sensor deployment, routing optimization, and sleep scheduling, this book is ideally designed for researchers, network professionals, computer scientists, mathematicians, developers, scholars, educators, and students seeking to enhance their understanding of nature-inspired computing and its solutions within various advanced communication networks.

Topics Covered:

- Coverage Issues
- Hierarchical Routing
- Mobile Sensor Deployment
- Mobile Sinks
- Node Localization
- Resource Control
- Routing Optimization
- Sleep Scheduling
- Topology Control
- Vehicular Networks

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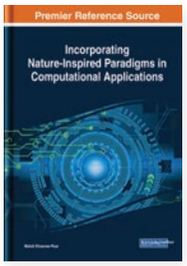

Incorporating Nature-Inspired Paradigms in Computational Applications
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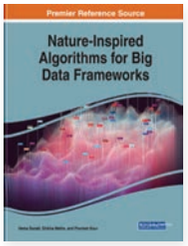

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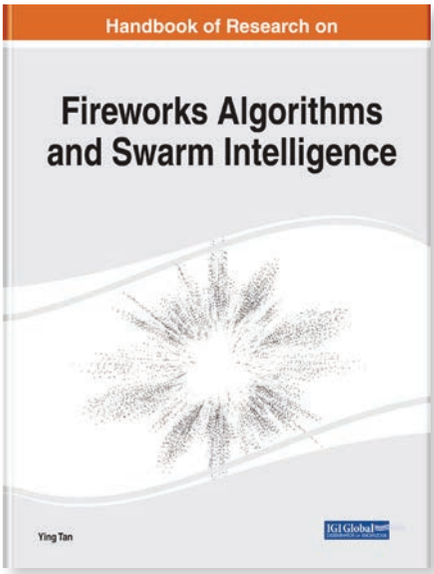

烟花算法和群体智慧研究手册

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Prof. Ying Tan (Peking University, China)

Description:

In recent years, swarm intelligence has become a popular computational approach among researchers working on optimization problems throughout the globe. Several algorithms inside swarm intelligence have been implemented due to their application to real-world issues and other advantages. A specific procedure, Fireworks Algorithm, is an emerging method that studies the explosion process of fireworks within local areas. Applications of this developing program are undiscovered, and research is necessary for scientists to fully understand the workings of this innovative system.

The **Handbook of Research on Fireworks Algorithms and Swarm Intelligence** is a pivotal reference source that provides vital research on theory analysis, improvements, and applications of fireworks algorithm. While highlighting topics such as convergence rate, parameter applications, and global optimization analysis, this publication explores up-to-date progress on the specific techniques of this algorithm. This book is ideally designed for researchers, data scientists, mathematicians, engineers, software developers, postgraduates, and academicians seeking coverage on this evolutionary computation method.

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Release Date: December, 2019
Copyright: 2020
Pages: 471

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Hardcover: US $295.00
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Topics Covered:

- Computational Complexity
- Convergence Rate
- Cooperation Mechanism
- Engineer Optimization
- Fitness Landscape
- Global Optimization Analysis
- Hybrid Methods
- Parameter Applications
- Structure Models Training
- Trajectory Analysis

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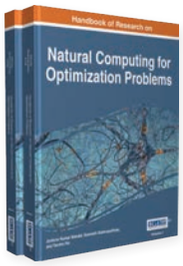

Handbook of Research on Natural Computing for Optimization Problems (2 Vols.)
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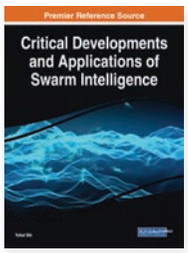

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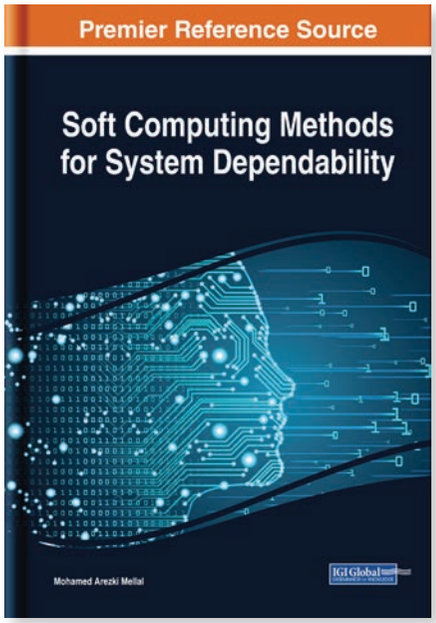

Description:

Technology in today's world has continued to develop into multifaceted structures. The performance of computers, specifically, has significantly increased leading to various and complex problems regarding the dependability of these systems. Recently, solutions for these issues have been based on soft computing methods; however, there lacks a considerable amount of research on the applications of these techniques within system dependability.

Soft Computing Methods for System Dependability is a collection of innovative research on the applications of these processing techniques for solving problems within the dependability of computer system performance. This book will feature comparative experiences shared by researchers regarding the development of these technological solutions. While highlighting topics including evolutionary computing, chaos theory, and artificial neural networks, this book is ideally designed for researchers, data scientists, computing engineers, industrialists, students, and academicians in the field of computer science.

Topics Covered:

- Artificial Neural Networks
- Bayesian Networks
- Bond Graphs
- Chaos Theory
- Diagnostics
- Evolutionary Computing
- Machine Learning
- Maintainability
- Optimization
- Reliability

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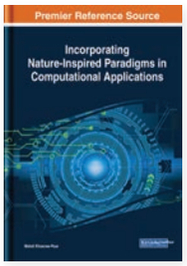

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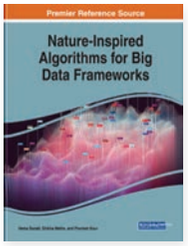

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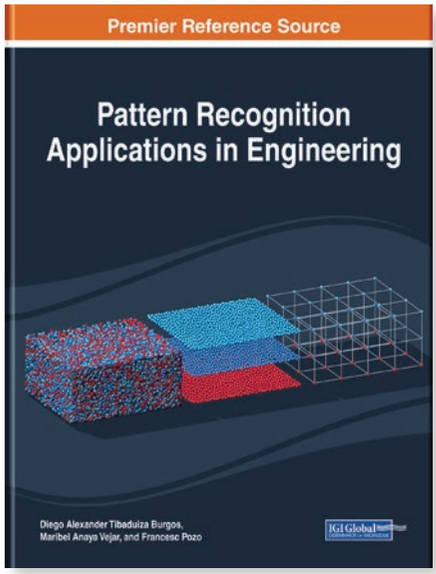

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Description:

The implementation of data and information analysis has become a trending solution within multiple professions. New tools and approaches are continually being developed within data analysis to further solve the challenges that come with professional strategy. Pattern recognition is an innovative method that provides comparison techniques and defines new characteristics within the information acquisition process. Despite its recent trend, a considerable amount of research regarding pattern recognition and its various strategies is lacking.

Pattern Recognition Applications in Engineering is an essential reference source that discusses various strategies of pattern recognition algorithms within industrial and research applications and provides examples of results in different professional areas including electronics, computation, and health monitoring. Featuring research on topics such as condition monitoring, data normalization, and bio-inspired developments, this book is ideally designed for analysts; researchers; civil, mechanical, and electronic engineers; computing scientists; chemists; academicians; and students.

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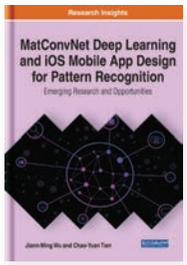

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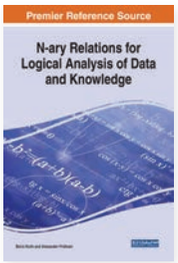

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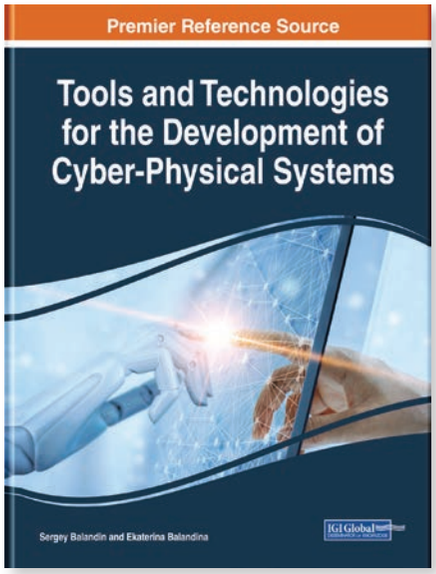

Description:

With the continual development of professional industries in today's modernized world, certain technologies have become increasingly applicable. Cyber-physical systems, specifically, are a mechanism that has seen rapid implementation across numerous fields. This is a technology that is constantly evolving, so specialists need a handbook of research that keeps pace with the advancements and methodologies of these devices.

Tools and Technologies for the Development of Cyber-Physical Systems is an essential reference source that discusses recent advancements of cyber-physical systems and its application within the health, information, and computer science industries. Featuring research on topics such as autonomous agents, power supply methods, and software assessment, this book is ideally designed for data scientists, technology developers, medical practitioners, computer engineers, researchers, academicians, and students seeking coverage on the development and various applications of cyber-physical systems.

Topics Covered:

- Assistive Technology
- Autonomous Agents
- Data Processing
- E-Tourism
- Embedded Network Design
- Human-Computer Interaction
- Internet of Things
- Model-Based Techniques
- Power Supply Methods
- Software Assessment

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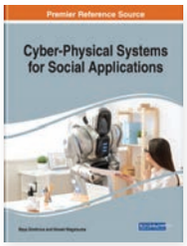
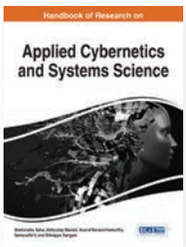


Cyber-Physical Systems for Social Applications
© 2019; 440 pp.



Handbook of Research on Applied Cybernetics and Systems Science
© 2017; 463 pp.

大型组织软件开发的工具和技术：新兴研究和机遇

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Prof. Vishnu Pendyala (Cisco Systems Inc., USA)

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The development of software has expanded substantially in recent years. As these technologies continue to advance, well-known organizations have begun implementing these programs into the ways they conduct business. These large companies play a vital role in the economic environment, so understanding the software that they utilize is pertinent in many aspects. Researching and analyzing the tools that these corporations use will assist in the practice of software engineering and give other organizations an outline of how to successfully implement their own computational methods.

Tools and Techniques for Software Development in Large Organizations: Emerging Research and Opportunities is an essential reference source that discusses advanced software methods that prominent companies have adopted to develop high quality products. This book will examine the various devices that organizations such as Google, Cisco, and Facebook have implemented into their production and development processes. Featuring research on topics such as database management, quality assurance, and machine learning, this book is ideally designed for software engineers, data scientists, developers, programmers, professors, researchers, and students seeking coverage on the advancement of software devices in today's major corporations.

Topics Covered:

- Artifact Management
- Cloud Computing
- Continuous Integration
- Database Management
- Hardware Infrastructure
- Machine Learning
- Quality Assurance
- Site Reliability
- Software Security
- Version Control

Related Books

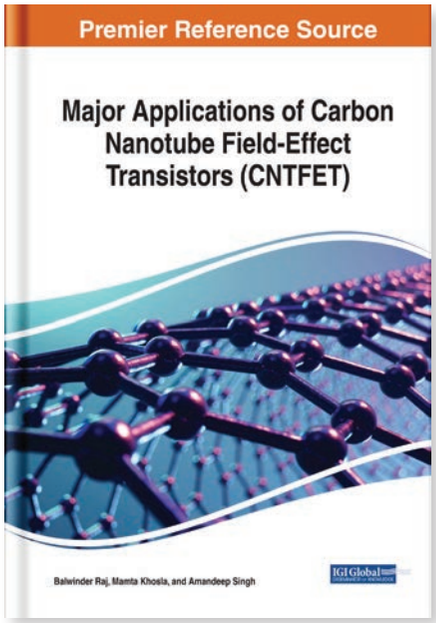
Modern Software Engineering Methodologies for Mobile and Cloud Environments
© 2016; 355 pp.

Advancing Cloud Database Systems and Capacity Planning With Dynamic Applications
© 2017; 430 pp.

碳纳米管场效应晶体管（CNTFET）的主要应用

Part of the Advances in Computer and Electrical Engineering Book Series

Prof. Balwinder Raj (National Institute of Technical Teachers Training and Research, Chandigarh, India), et al.



Description:

With recent advancements in electronics, specifically nanoscale devices, new technologies are being implemented to improve the properties of automated systems. However, conventional materials are failing due to limited mobility, high leakage currents, and power dissipation. To mitigate these challenges, alternative resources are required to advance electronics further into the nanoscale domain. Carbon nanotube field-effect transistors are a potential solution yet lack the information and research to be properly utilized.

Major Applications of Carbon Nanotube Field-Effect Transistors (CNTFET) is a collection of innovative research on the methods and applications of converting semiconductor devices from micron technology to nanotechnology. The book provides readers with an updated status on existing CNTs, CNTFETs, and their applications and examines practical applications to minimize short channel effects and power dissipation in nanoscale devices and circuits. While highlighting topics including interconnects, digital circuits, and single-wall CNTs, this book is ideally designed for electrical engineers, electronics engineers, students, researchers, academicians, industry professionals, and practitioners working in nanoscience, nanotechnology, applied physics, and electrical and electronics engineering.

Topics Covered:

- Analog Circuits
- Applications of CNTFET
- Characterization of CNTFET
- Digital Circuits
- DRAM Cell Design
- Future of CNTFET
- Interconnects
- Logic Gates
- Sensor Design
- Single-Wall CNTs
- SRAM Cell Design

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Pages: 255

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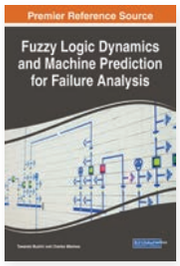

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© 2018; 301 pp.

人工智能技术在电子元器件可靠性预测中的应用

Part of the Advances in Computational Intelligence and Robotics Book Series

Prof. Cherry Bhargava (Lovely Professional University, India)

Description:

In the industry of manufacturing and design, one major constraint has been enhancing operating performance using less time. As technology continues to advance, manufacturers are looking for better methods in predicting the condition and residual lifetime of electronic devices in order to save repair costs and their reputation. Intelligent systems are a solution for predicting the reliability of these components; however, there is a lack of research on the advancements of this smart technology within the manufacturing industry.

AI Techniques for Reliability Prediction for Electronic Components provides emerging research exploring the theoretical and practical aspects of prediction methods using artificial intelligence and machine learning in the manufacturing field. Featuring coverage on a broad range of topics such as data collection, fault tolerance, and health prognostics, this book is ideally designed for reliability engineers, electronic engineers, researchers, scientists, students, and faculty members seeking current research on the advancement of reliability analysis using AI.

ISBN: 9781799814641
Release Date: December, 2019
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Pages: 330

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Topics Covered:

- Bayesian Networks
- Data Collection
- Deep Learning
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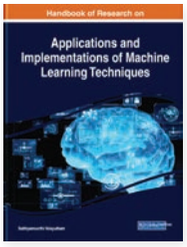

Handbook of Research on Applications and Implementations of Machine Learning Techniques
© 2020; 461 pp.

人工智能和机器学习在土木、机械和工业工程中的运用

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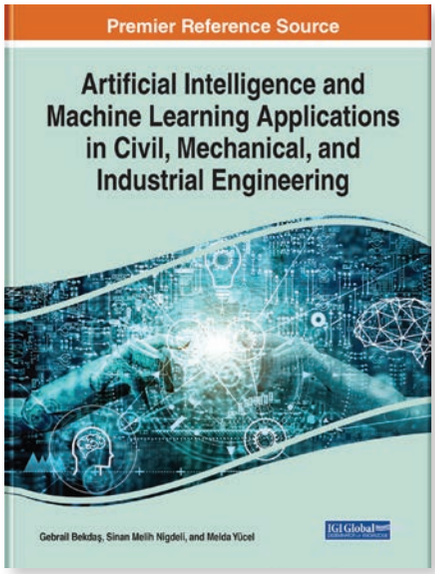

Description:

In today's developing world, industries are constantly required to improve and advance. New approaches are being implemented to determine optimum values and solutions for models such as artificial intelligence and machine learning. Research is a necessity for determining how these recent methods are being applied within the engineering field and what effective solutions they are providing.

Artificial Intelligence and Machine Learning Applications in Civil, Mechanical, and Industrial Engineering is a collection of innovative research on the methods and implementation of machine learning and AI in multiple facets of engineering. While highlighting topics including control devices, geotechnology, and artificial neural networks, this book is ideally designed for engineers, academicians, researchers, practitioners, and students seeking current research on solving engineering problems using smart technology.

ISBN: 9781799803010
Release Date: November, 2019
Copyright: 2020
Pages: 312

Pricing:

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Topics Covered:

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- Control Devices
- Geotechnology
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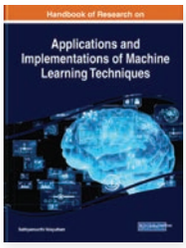

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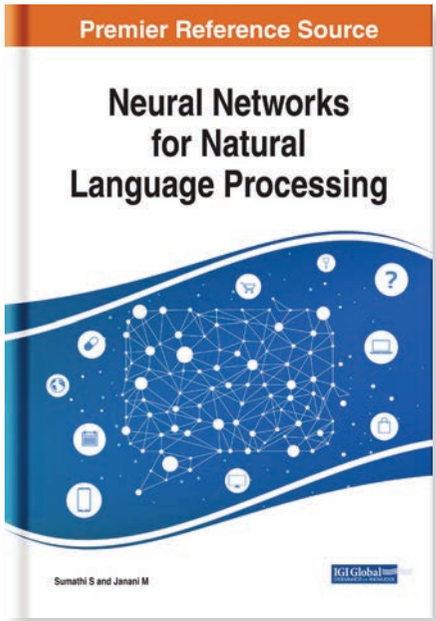

用于自然语言处理的神经网络

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Profs. Sumathi S. (St. Joseph's College of Engineering, India) and Janani M. (St. Joseph's College of Engineering, India)

ISBN: 9781799811596
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Description:

Information in today's advancing world is rapidly expanding and becoming widely available. This eruption of data has made handling it a daunting and time-consuming task. Natural language processing (NLP) is a method that applies linguistics and algorithms to large amounts of this data to make it more valuable. NLP improves the interaction between humans and computers, yet there remains a lack of research that focuses on the practical implementations of this trending approach.

Neural Networks for Natural Language Processing is a collection of innovative research on the methods and applications of linguistic information processing and its computational properties. This publication will support readers with performing sentence classification and language generation using neural networks, apply deep learning models to solve machine translation and conversation problems, and apply deep structured semantic models on information retrieval and natural language applications. While highlighting topics including deep learning, query entity recognition, and information retrieval, this book is ideally designed for research and development professionals, IT specialists, industrialists, technology developers, data analysts, data scientists, academics, researchers, and students seeking current research on the fundamental concepts and techniques of natural language processing.

Topics Covered:

- Deep Learning
- Information Retrieval
- Knowledge Graph Generation
- Machine Learning
- Ontology Creation
- Query Entity Recognition
- Structured Data
- Text Categorization
- Text Classification
- Text Summarization

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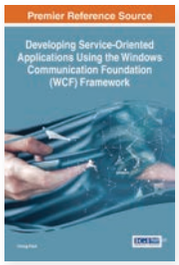

Developing Service-Oriented Applications Using the Windows Communication Foundation (WCF) Framework
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Innovations in Software-Defined Networking and Network Functions Virtualization
© 2018; 364 pp.

智能数据处理与信息安全系统研究手册

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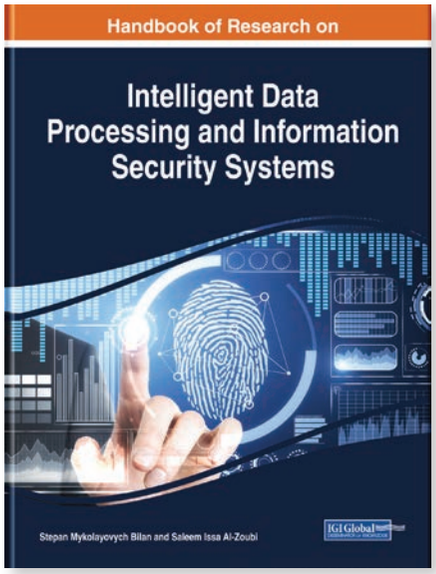

Description:

Intelligent technologies have emerged as imperative tools in computer science and information security. However, advanced computing practices have preceded new methods of attacks on the storage and transmission of data. Developing approaches such as image processing and pattern recognition are susceptible to breaches in security. Modern protection methods for these innovative techniques require additional research.

The **Handbook of Research on Intelligent Data Processing and Information Security Systems** provides emerging research exploring the theoretical and practical aspects of cyber protection and applications within computer science and telecommunications. Special attention is paid to data encryption, steganography, image processing, and recognition, and it targets professionals who want to improve their knowledge in order to increase strategic capabilities and organizational effectiveness. As such, this book is ideal for analysts, programmers, computer engineers, software engineers, mathematicians, data scientists, developers, IT specialists, academicians, researchers, and students within fields of information technology, information security, robotics, artificial intelligence, image processing, computer science, and telecommunications.

ISBN: 9781799812906
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Pages: 434

Pricing:

Hardcover: US $345.00
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Topics Covered:

- Artificial Intelligence
- Artificial Neural Networks
- Biometric Identification
- Cellular Automata
- Coding Information
- Computer Vision
- Image Recognition
- Random Sequence Analysis
- Robotics
- Steganography

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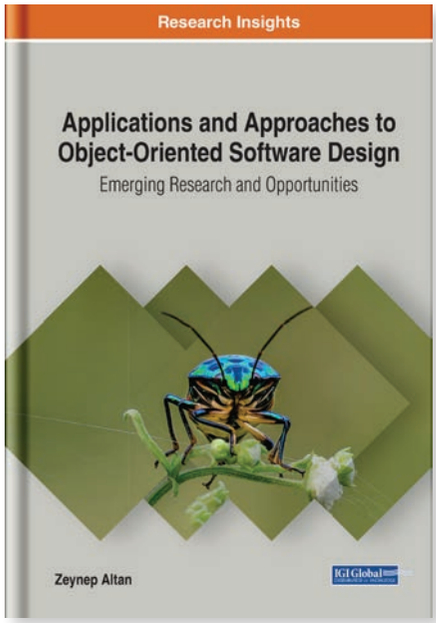

面向对象软件设计的应用与方法：新兴研究与机遇

Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Prof. Zeynep Altan (Beykent University, Turkey)

Description:

In today's modernized environment, a growing number of software companies are changing their traditional engineering approaches in response to the rapid development of computing technologies. As these businesses adopt modern software engineering practices, they face various challenges including the integration of current methodologies and contemporary design models and the refactoring of existing systems using advanced approaches.

Applications and Approaches to Object-Oriented Software Design: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the development of modern software practices that impact maintenance, design, and developer productivity. While highlighting topics such as augmented reality, distributed computing, and big data processing, this publication explores the current infrastructure of software systems as well as future advancements. This book is ideally designed for software engineers, IT specialists, data scientists, business professionals, developers, researchers, students, and academicians seeking current research on contemporary software engineering methods.

ISBN: 9781799821427
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Microcontroller System Design Using PIC18F Processors
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Description:

As technology continues to develop, certain innovations are beginning to cover a wide range of applications, specifically mobile robotic systems. The boundaries between the various automation methods and their implementations are not strictly defined, with overlaps occurring. Specificity is required regarding the research and development of android systems and how they pertain to modern science.

Control and Signal Processing Applications for Mobile and Aerial Robotic Systems is a pivotal reference source that provides vital research on the current state of control and signal processing of portable robotic designs. While highlighting topics such as digital systems, control theory, and mathematical methods, this publication explores original inquiry contributions and the instrumentation of mechanical systems in the industrial and scientific fields. This book is ideally designed for technicians, engineers, industry specialists, researchers, academicians, and students seeking current research on today's execution of mobile robotic schemes.

Topics Covered:

- Computer Algorithms
- Control Theory
- Digital Systems
- Mathematical Methods
- Mobile Robotic Systems
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- Real-World Applications
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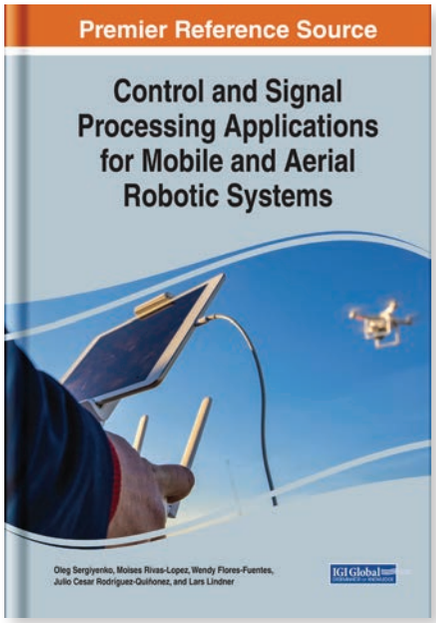
- Signal Processing
- Simulation Models



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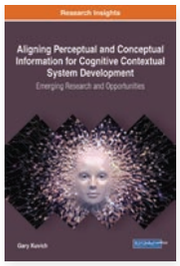

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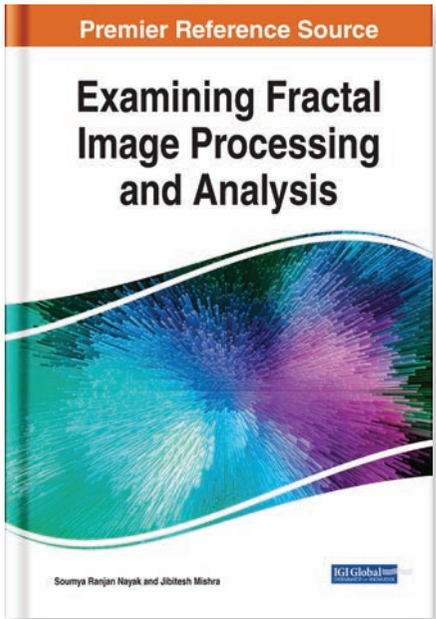
© 2018; 172 pp.



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Part of the Advances in Computational Intelligence and Robotics Book Series

Profs. Soumya Ranjan Nayak (Chitkara University, India) and Jibitesh Mishra (College of Engineering and Technology, India)

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Description:

Digital image processing is a field that is constantly improving. Gaining high-level understanding from digital images is a key requirement for computing. One aspect of study that is assisting with this advancement is fractal theory. This new science has gained momentum and popularity as it has become a key topic of research in the area of image analysis.

Examining Fractal Image Processing and Analysis is an essential reference source that discusses fractal theory applications and analysis, including box-counting analysis, multi-fractal analysis, 3D fractal analysis, and chaos theory, as well as recent trends in other soft computing techniques. Featuring research on topics such as image compression, pattern matching, and artificial neural networks, this book is ideally designed for system engineers, computer engineers, professionals, academicians, researchers, and students seeking coverage on problem-oriented processing techniques and imaging technologies.

Topics Covered:

- Artificial Neural Networks
- Biomedical Image Processing
- Chaos Theory
- Color Imaging
- Computer Graphics Applications
- Fractal Information
- Future Trends
- Image Compression
- Image Models
- Pattern Matching

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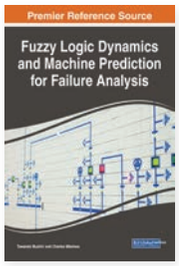

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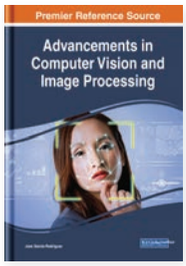

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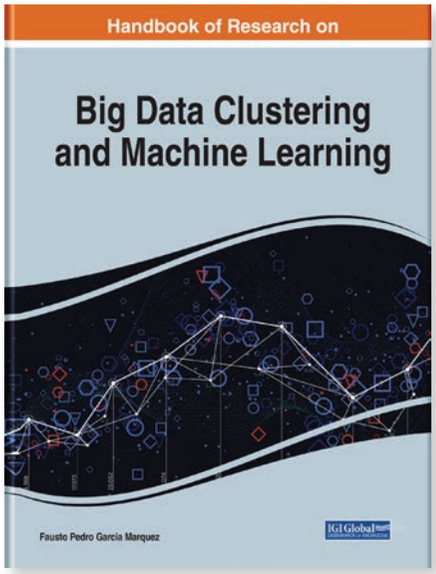

Description:

As organizations continue to develop, there is an increasing need for technological methods that can keep up with the rising amount of data and information that is being generated. Machine learning is a tool that has become powerful due to its ability to analyze large amounts of data quickly. Machine learning is one of many technological advancements that is being implemented into a multitude of specialized fields. An extensive study on the execution of these advancements within professional industries is necessary.

The **Handbook of Research on Big Data Clustering and Machine Learning** is an essential reference source that synthesizes the analytic principles of clustering and machine learning to big data and provides an interface between the main disciplines of engineering/technology and the organizational, administrative, and planning abilities of management. Featuring research on topics such as project management, contextual data modeling, and business information systems, this book is ideally designed for engineers, economists, finance officers, marketers, decision makers, business professionals, industry practitioners, academicians, students, and researchers seeking coverage on the implementation of big data and machine learning within specific professional fields.

ISBN: 9781799801061
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Pages: 478

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Topics Covered:

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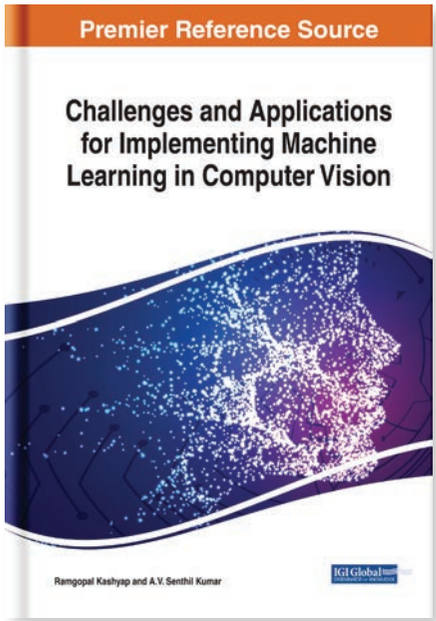

计算机视觉中实现机器学习的挑战与运用

Part of the Advances in Computer and Electrical Engineering Book Series

Profs. Ramgopal Kashyap (Amity University, Raipur, India) and A.V. Senthil Kumar (Hindusthan College of Arts and Science, India)

Description:

Machine learning allows for non-conventional and productive answers for issues within various fields, including problems related to visually perceptive computers. Applying these strategies and algorithms to the area of computer vision allows for higher achievement in tasks such as spatial recognition, big data collection, and image processing. There is a need for research that seeks to understand the development and efficiency of current methods that enable machines to see.

Challenges and Applications for Implementing Machine Learning in Computer Vision is a collection of innovative research that combines theory and practice on adopting the latest deep learning advancements for machines capable of visual processing. Highlighting a wide range of topics such as video segmentation, object recognition, and 3D modelling, this publication is ideally designed for computer scientists, medical professionals, computer engineers, information technology practitioners, industry experts, scholars, researchers, and students seeking current research on the utilization of evolving computer vision techniques.

ISBN: 9781799801825
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Pages: 293

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- Artificial Intelligence
- Automatic Organ Localization
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Big data and artificial intelligence (AI) are at the forefront of technological advances that represent a potential transformational mega-trend—a new multipolar and innovative disruption. These technologies, and their associated management paradigm, are already rapidly impacting many industries and occupations, but in some sectors, the change is just beginning. Innovating ahead of emerging technologies is the new imperative for any organization that aspires to succeed in the next decade. Faced with the power of this AI movement, it is imperative to understand the dynamics and new codes required by the disruption and to adapt accordingly.

AI and Big Data's Potential for Disruptive Innovation provides emerging research exploring the theoretical and practical aspects of successfully implementing new and innovative technologies in a variety of sectors including business, transportation, and healthcare. Featuring coverage on a broad range of topics such as semantic mapping, ethics in AI, and big data governance, this book is ideally designed for IT specialists, industry professionals, managers, executives, researchers, scientists, and engineers seeking current research on the production of new and innovative mechanization and its disruptions.

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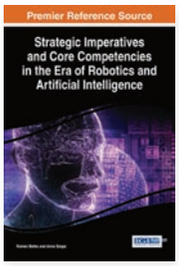

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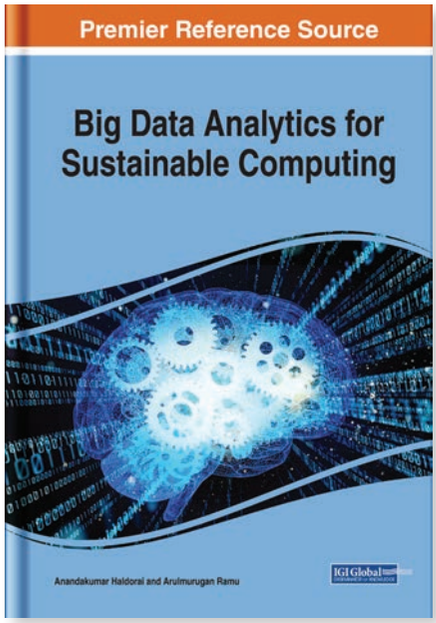

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Big Data Analytics for Sustainable Computing is a collection of innovative research that focuses on new computing and system development issues in emerging sustainable applications. Featuring coverage on a wide range of topics such as data filtering, knowledge engineering, and cognitive analytics, this publication is ideally designed for data scientists, IT specialists, computer science practitioners, computer engineers, academicians, professionals, and students seeking current research on emerging analytical techniques and data processing software.

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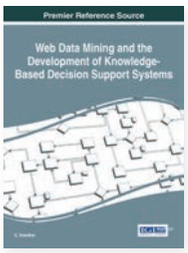

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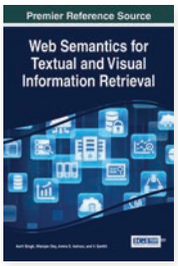

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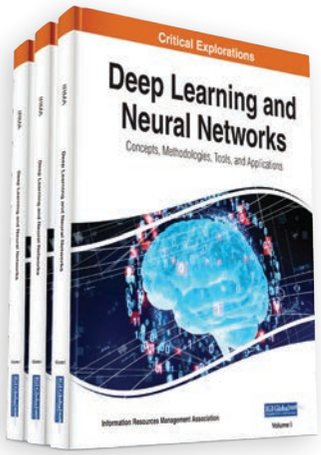

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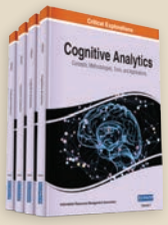

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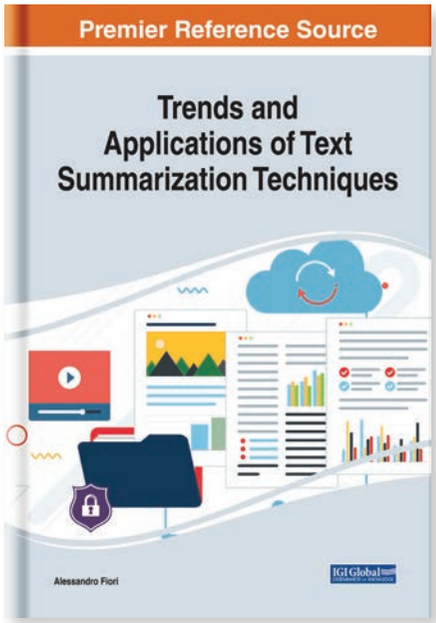

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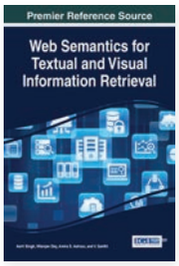

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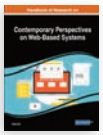

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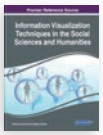

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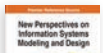

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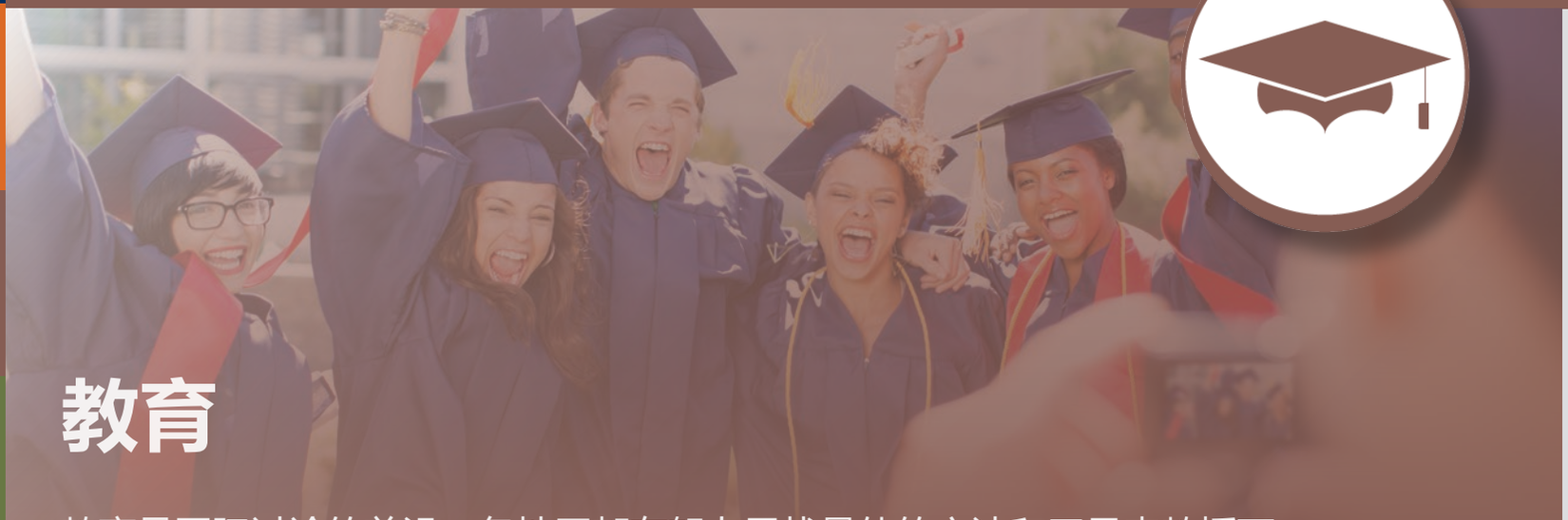

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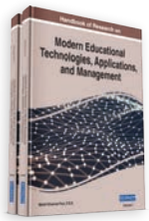

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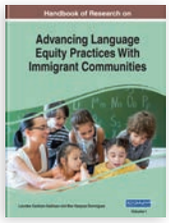

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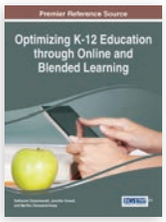

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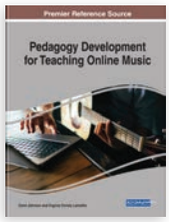

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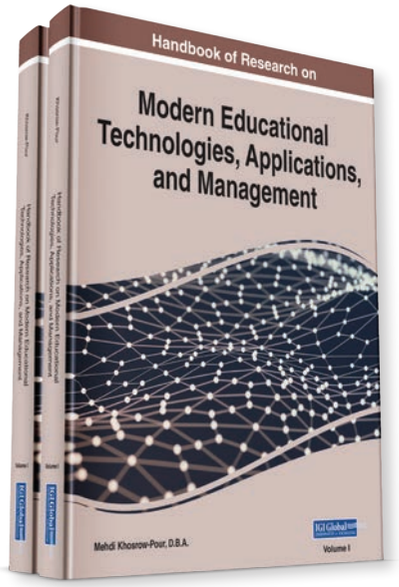

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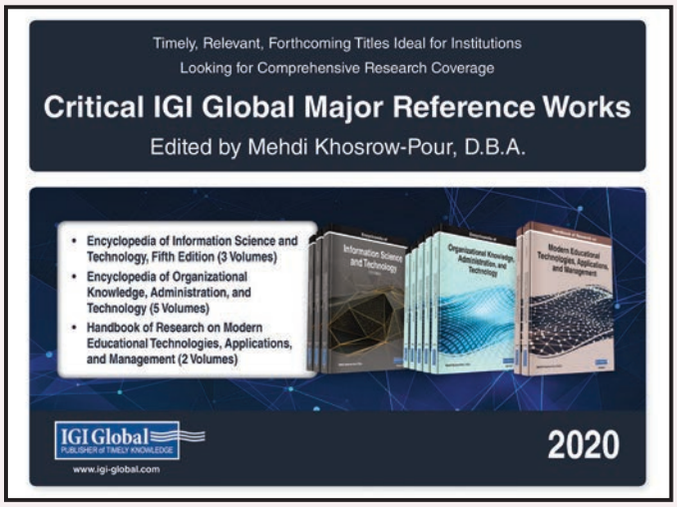

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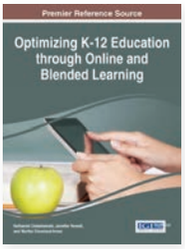

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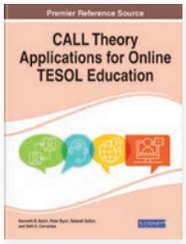

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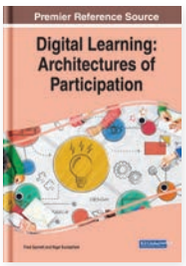

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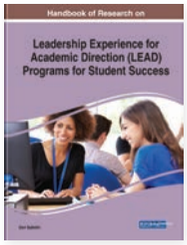

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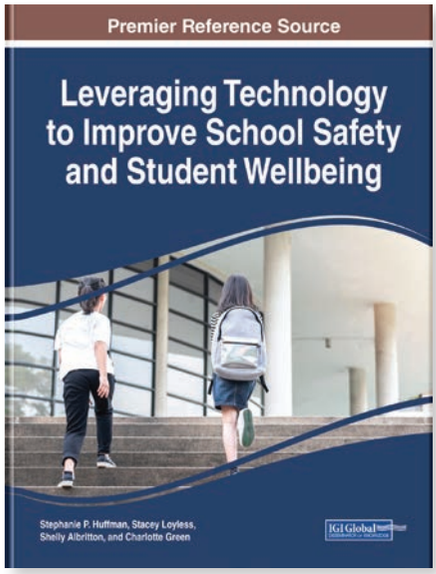

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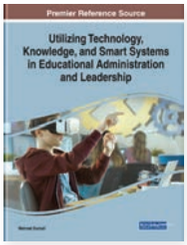

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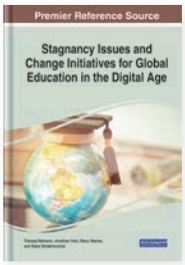

Stagnancy Issues and Change Initiatives for Global Education in the Digital Age
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从事在线课程开发研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Amy W. Thornburg (Queens University of Charlotte, USA), Dixie F. Abernathy (Queens University of Charlotte, USA), and Rob J. Ceglie (Queens University of Charlotte, USA)

Description:

Online instruction is rapidly expanding the way professors think about and plan instruction. In addition, online instructional practices are expanding and changing as new tools and strategies are adopted. It is imperative that programs and institutions of higher education explore increased online options that align with best practices to develop effective and engaging online courses.

The **Handbook of Research on Developing Engaging Online Courses** is an essential research publication that provides multiple perspectives on improving student engagement and success in online courses. This book includes topics focused on the online learner, online course content, and effective online instruction. The content contained within the title is ideal for curriculum developers, instructional designers, IT consultants, deans, chairs, teachers, administrators, academicians, researchers, and students.

Topics Covered:

- Assessment
- Classroom Environments
- Collaboration
- Course Design
- Instructional Strategies
- Online Learning
- Pedagogy
- Professional Development
- Self-Regulated Learning
- Student Engagement

ISBN: 9781799821328
Release Date: January, 2020
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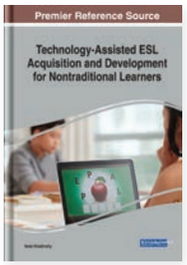
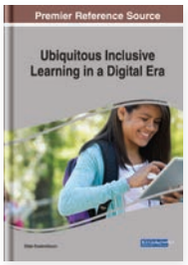


Technology-Assisted ESL Acquisition and Development for Nontraditional Learners
© 2019; 304 pp.



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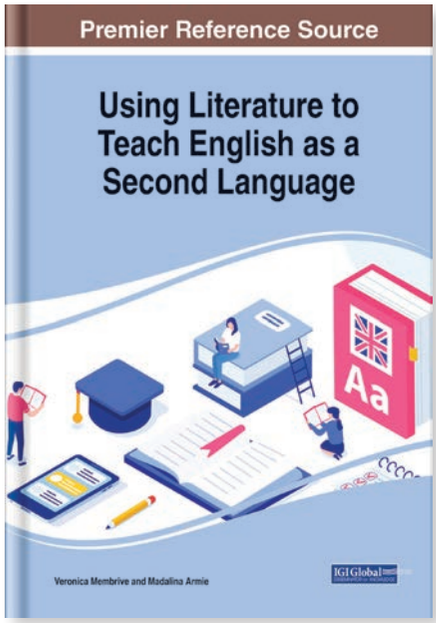

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Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Veronica Membrive (University of Almeria, Spain) and Madalina Armie (University of Almeria, Spain)

ISBN: 9781799846703
Release Date: May, 2020
Copyright: 2020
Pages: 267

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Description:

Innovation has replaced stereotypical and old methods as an attempt to make English language teaching and learning appealing, effective, and simple. However, teaching a second language through literature may be a paramount tool to consolidate not only students' lexical and grammatical competences, but also for the development of their cultural awareness and broadening of their knowledge through interaction and collaboration that foster collective learning. Despite past difficulties, literature's position in relation to language teaching can be revendicated and revalued.

Using Literature to Teach English as a Second Language is an essential research publication that exposes the current state of this methodological approach and observes its reverberations, usefulness, strengths, and weaknesses when used in a classroom where English is taught as a second language. In this way, this book will provide updated tools to explore teaching and learning through the most creative and enriching manifestations of one language – literature. Featuring a range of topics such as diversity, language learning, and plurilingualism, this book is ideal for academicians, curriculum designers, administrators, education professionals, researchers, and students.

Topics Covered:

- Didactics
- Diversity
- Higher Education
- Inclusivity
- K-12 Education
- Language Learning
- Literacy
- Plurilingualism
- Special Education
- Teaching Literature

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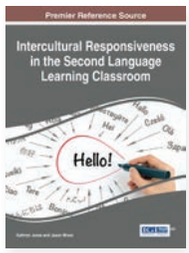

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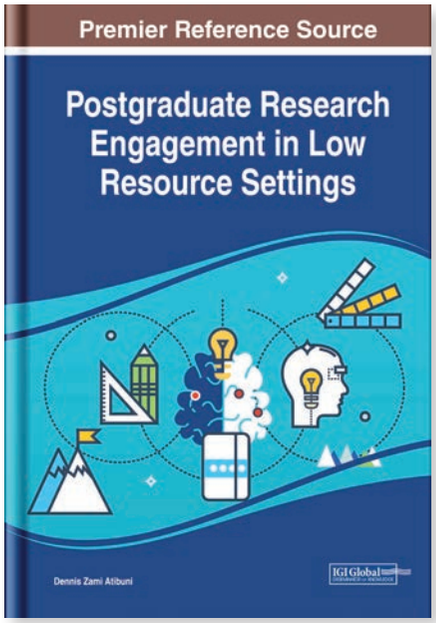

Description:

The general academic progression, and particularly research engagement, of postgraduate students is characterized by various problems such as high dropout rates, longer completion times, low graduation rates, and high repetition or retake rates. This means that there are far fewer students pursuing postgraduate studies at tertiary institutions and universities than there are at the lower levels of education. Yet, there is growing demand for postgraduate education given its strong projected association with socioeconomic transformation at national and international levels among developed and developing countries alike.

Postgraduate Research Engagement in Low Resource Settings sets out to garner strategies for fostering efficiency of research conduct among the students and faculty so as to enhance high quality output for the envisaged personal, societal, national, and international socioeconomic transformation. Covering a range of topics such as intellectual property, mental health, and quality assurance, this book is ideal for research supervisors, higher education faculty, librarians, educators, administrators, researchers, academicians, and students.

Topics Covered:

- Data Analysis
- Entrepreneurship
- Intellectual Property
- Language Acquisition
- Mental Health
- Plagiarism
- Quality Assurance
- Scientific Writing
- Study Abroad
- Work-Life Balance

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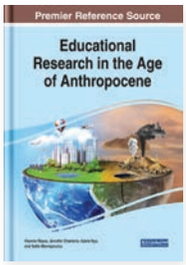

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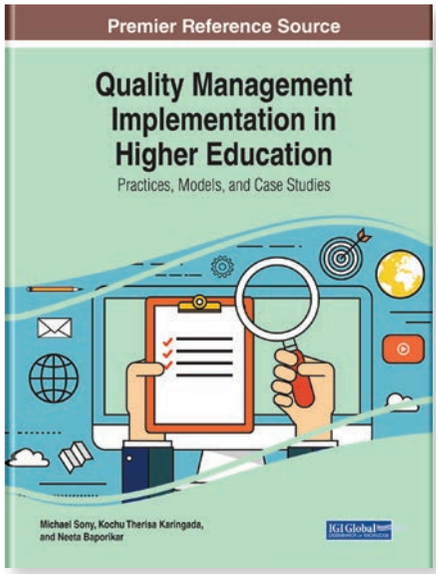

高等教育中的质量管理实施：实践、模型与案例研究

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Michael Sony (Namibia University of Science and Technology, Namibia), Kochu Therisa Karingada (Dhempe College of Arts and Science, India), and Neeta Baporikar (Namibia University of Science and Technology, Namibia & University of Pune, India)

ISBN: 9781522598299
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Pages: 462

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Description:

Although initially utilized in business and industrial environments, quality management systems can be adapted into higher education to assess and improve an institution's standards. These strategies are now playing a vital role in educational areas such as teaching, learning, and institutional-level practices. However, quality management tools and models must be adapted to fit with the culture of higher education.

Quality Management Implementation in Higher Education: Practices, Models, and Case Studies is a pivotal reference source that explores the challenges and solutions of designing quality management models in the current educational culture. Featuring research on topics such as Lean Six Sigma, distance education, and student supervision, this book is ideally designed for school board members, administrators, deans, policymakers, stakeholders, professors, graduate students, education professionals, and researchers seeking current research on the applications and success factors of quality management systems in various facets of higher education.

Topics Covered:

- Academic Leadership
- Benchmarking
- Competitiveness
- Continuous Improvement
- Distance Education
- Educational Innovation
- Faculty Involvement
- Lean Six Sigma
- Quality Control
- Rating Assessment
- Student Supervision

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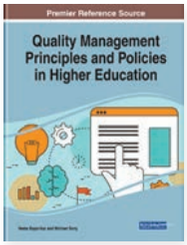

Quality Management Principles and Policies in Higher Education
© 2020; 361 pp.

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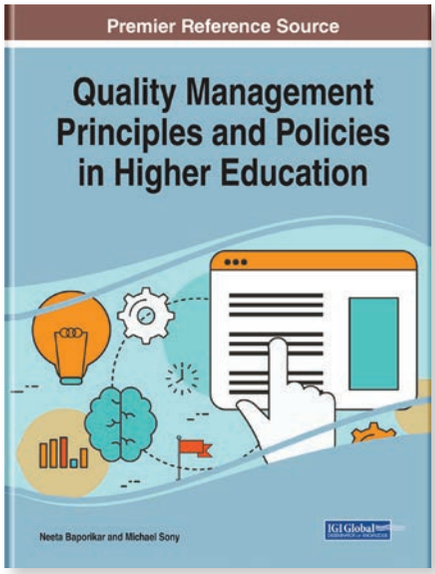

Description:

One of the key elements in determining the socio-economic significance of education is quality. Quality management plays an integral role in higher education by ensuring that quality benchmarks are being met, thereby attributing to its prestige, increased enrollment, and student success. Quality management policies must be successfully implemented for the institution to thrive. With quality management still in the growing stage, research is needed regarding the applications, challenges, and benefits of these policies within advanced academics.

Quality Management Principles and Policies in Higher Education provides emerging research exploring the theoretical aspects of quality management policies and applications within the educational field. Featuring coverage on a broad range of topics such as faculty involvement, administration practices, and critical success factors, this book is ideally designed for educators, administrators, educational consultants, researchers, policymakers, stakeholders, deans, provosts, chancellors, academicians, and students seeking current research on successfully implementing quality management systems in teaching, learning, and administrative processes.

ISBN: 9781799810179
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Topics Covered:

- Administration Practices
- Benchmarking
- Competitive Advantages
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- Faculty Involvement
- Higher Education Principles
- Improvement Strategies
- Quality Management
- Research Challenges
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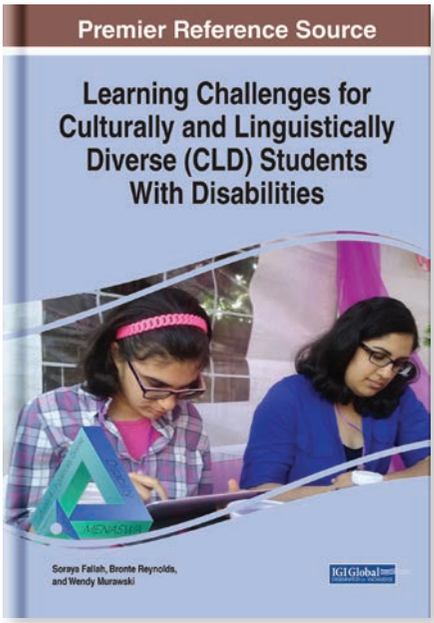

多文化和多语言（CLD）残疾学生的学习挑战

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Soraya Fallah (California State University, Northridge, USA), Bronte Reynolds (California Lutheran University, USA), and Wendy Murawski (California State University, Northridge, USA)

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Release Date: January, 2020
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Description:

When children with learning challenges are identified, the educational community in the United States diligently applies a well-established model of remediation that has, for the most part, yielded positive results. Research, however, has demonstrated that the American perception of disability may vary from those in Eastern cultures. These cultural differences can play a significant role in the failure to achieve learning success on behalf of children from the Middle East, North Africa, and Southwest Asian (MENASWA) families. It is critical for the school community to recognize and acknowledge these differences and bring them into alignment in order to meet these students' learning needs.

Learning Challenges for Culturally and Linguistically Diverse (CLD) Students With Disabilities is an essential reference publication that identifies ways in which CLD families can be involved with schools to help build educators' cultural competence and explores the idea of disabilities as a social model with a focus on strengths rather than a medical model focused on needs and weaknesses. Featuring coverage on a wide range of topics including racial identity, leadership wisdom, and family-school collaboration, this book is ideally designed for educators, principals, administrators, curriculum developers, instructional designers, policymakers, advocates, researchers, academicians, and students.

Topics Covered:

- Bio-Ecology Model
- Cultural Diversity
- Family/School Collaboration
- Human Development
- Immigration
- Leadership Wisdom
- Linguistic Diversity
- Racial Identity
- Special Education
- Teacher Education
- Traumatic Experiences

Related Books

Special Education Design and Development Tools for School Rehabilitation Professionals
© 2020; 320 pp.

Accessibility and Diversity in the 21st Century University
© 2020; 331 pp.

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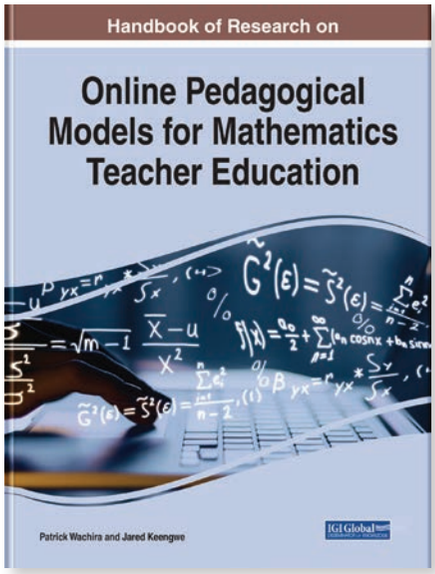
Profs. Patrick Wachira (Cleveland State University, USA) and Jared Keengwe (University of North Dakota, USA)



Description:

Online learning has become an important vehicle for teacher and student learning. When well designed, online environments can be very powerful in a way that is consistent with the goals of inquiry, experimentation, investigation, reasoning, and problem solving so learners can develop a deep understanding of a subject. Some subjects, however, are not well suited for this type of learning due to the need for small group collaborating and hands-on problem solving.

The **Handbook of Research on Online Pedagogical Models for Mathematics Teacher Education** provides innovative insights into technology applications and tools used in teaching mathematics online and provides examples of online learning environments and platforms that are suitable for meeting math education goals of inquiry, investigation, reasoning, and problem solving. The content within this publication examines access to education, professional development, and web-based learning. It is designed for teachers, curriculum developers, instructional designers, educational software developers, IT consultants, higher education faculty, policymakers, administrators, researchers, academicians, and students.

ISBN: 9781799814764
Release Date: November, 2019
Copyright: 2020
Pages: 325

Pricing:

Hardcover: US $265.00
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Topics Covered:

- Access to Education
- Course Development
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- Mathematical Education
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- Professional Development
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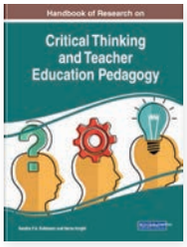
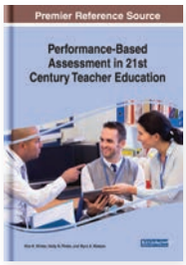


Handbook of Research on Critical Thinking and Teacher Education Pedagogy
© 2019; 446 pp.



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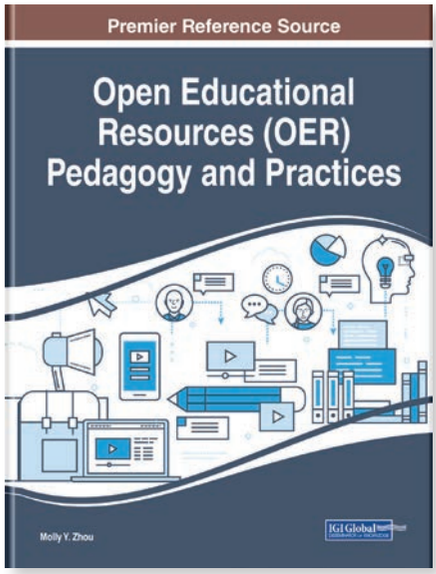

开放教育资源（OER）教学法与实践

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Molly Y. Zhou (Dalton State College, USA)

Description:

Access to learning materials has been an issue within education that has had a profound impact on student outcomes and equality among students. New strategies for promoting more equal access to these materials began within institutions of higher learning and can be adapted at lower levels to facilitate equity within educational systems.

Open Educational Resources (OER) Pedagogy and Practices is a comprehensive research publication that explores open access to educational materials and its impact on educational cost, educational equity, and poverty. Featuring a range of topics such as instructional design, pedagogy, and gamification, this book is essential for teachers, curriculum developers, instructional designers, principals, school boards, educational professionals, academicians, professors, administrators, educational policymakers, researchers, and educational agencies.

ISBN: 9781799812005
Release Date: November, 2019
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Pages: 256

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Topics Covered:

- Citizenship
- Content Knowledge
- Educational Technologies
- Gamification
- Higher Education
- Instructional Design
- Minority Achievement
- Open Educational Resources (OER)
- Pedagogy
- Student Engagement

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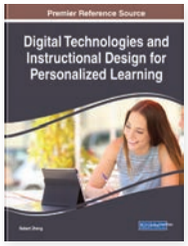

Digital Technologies and Instructional Design for Personalized Learning
© 2018; 391 pp.

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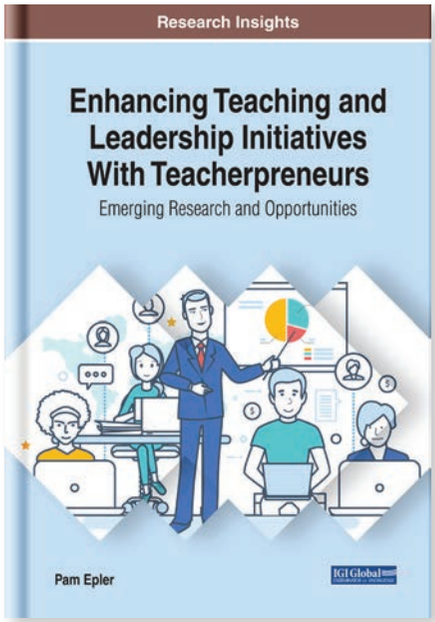

Description:

There are three types of teacherpreneurs: classroom, business, and consultant teacherpreneurs. Classroom teacherpreneurs inspire and motivate students to be the best they can be using outside resources, business teacherpreneurs teach students to become entrepreneurs, and consultant teacherpreneurs are usually former teachers who own a consulting business and go into schools to assist with improving academics. Each plays an important and different role within the educational system in the United States and one without the other would not assist students in gaining academic success. These individuals are the mainstay of educational systems, and without them, school systems would fail.

Enhancing Teaching and Leadership Initiatives With Teacherpreneurs: Emerging Research and Opportunities is a critical scholarly resource that explores the characteristics and models of a teacherpreneur, their advantages and disadvantages, and examines how they can be used by current classroom teachers and school administrators to improve and enhance the teaching profession. Featuring a wide range of topics such as curriculum design, student outcomes, and ethics, this book is essential for teachers, educational consultants, school administrators, academicians, researchers, and students.

ISBN: 9781799820741
Release Date: November, 2019
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Pages: 159

Pricing:

Hardcover: US $165.00
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E-Book: US $165.00

Topics Covered:

- Business
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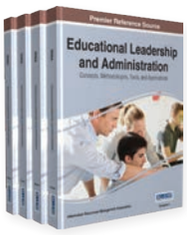

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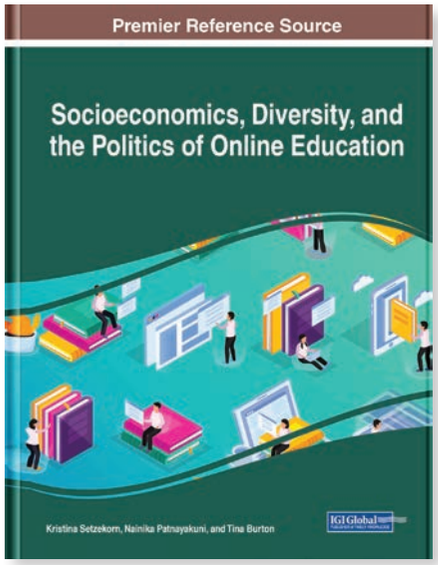

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Description:

Education has until recently promoted social mobility, broad economic growth, and democracy. However, modern universities direct policy and resources toward criteria that exacerbate income inequality and reduce social mobility. Online education can make education more socially, geographically, temporally, and financially accessible, impacting the higher education industry, governments, economies, communities, and society in general. Thus, education's shift away from scarcity affects the differential earnings and socio-political influence of all concerned, and online education impacts, and is impacted by, such shifting power structures.

Socioeconomics, Diversity, and the Politics of Online Education is a cutting-edge research publication that explores online education's optimal design and management so that more students, especially those traditionally underserved, are successful and can contribute to their communities and society. Additionally, it looks at the political/regulatory, diversity, and socioeconomic impacts on online education, especially for online education demographic groups. Featuring a wide range of topics including globalization, accreditation, and socioeconomics, this book is essential for teachers, administrators, government policy writers, educational software developers, MOOC providers, LMS providers, policymakers, academicians, administrators, researchers, and students interested in student retention and diversity and income inequality as well as promoting social mobility and democracy through accessible public education.

Topics Covered:

- Accreditation
- Demographics
- Diversity
- Education
- Globalization
- Higher Education
- Online Education
- Politics
- Religion
- Socioeconomics
- Virtual Education

"The chapters highlight how the universal issues of our world and its societal mores seem forever reflected in our institutions, even those we promote and cling to as ***tools of change****, like education. Each author invites us to look ahead and apply our* ***best critical thinking skills*** *to reshape the future with the possibilities of a virtual learning space. Whether the challenge is gender or race, psychological traits or physical disability, student engagement or instructor skills, niches of degree pursuit or culture, technology itself or the inequities of its access, there is* ***a message to hope****, as we expand this new virtual horizon."*

- Profs. Kristina Setzekorn (Purdue University Global, USA), Nainika Patnayakuni (Calhoun Community College, USA) and Tina Burton (Purdue University Global, USA)

Prof. Kristina Setzekorn
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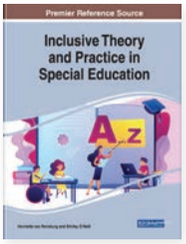

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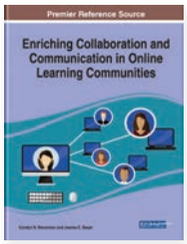

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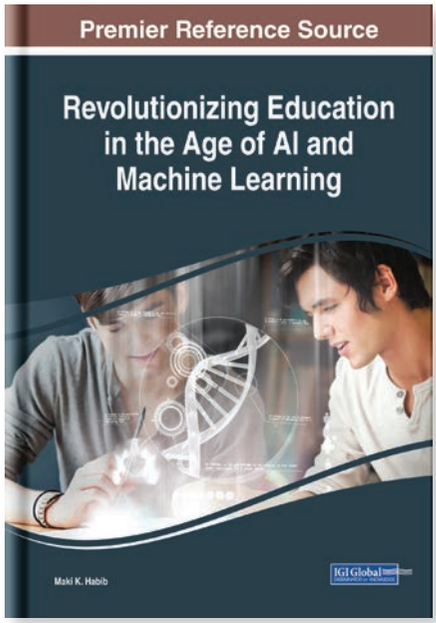

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人工智能在教育中的文化与社会意义

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Prof. Maki K. Habib (The American University in Cairo, Egypt)

Description:

Artificial Intelligence (AI) serves as a catalyst for transformation in the field of digital teaching and learning by introducing novel solutions to revolutionize all dimensions of the educational process, leading to individualized learning experiences, teachers playing a greater role as mentors, and the automation of all administrative processes linked to education. AI and machine learning are already contributing to and are expected to improve the quality of the educational process by providing advantages such as personalized and interactive tutoring with the ability to adjust the content and the learning pace of each individual student while assessing their performance and providing feedback. These shifts in the educational paradigm have a profound impact on the quality and the way we live, interact with each other, and define our values. Thus, there is a need for an earnest inquiry into the cultural repercussions of this phenomenon that extends beyond superficial analyses of AI-based applications in education.

Revolutionizing Education in the Age of AI and Machine Learning addresses the need for a scholarly exploration of the cultural and social impacts of the rapid expansion of artificial intelligence in the field of education including potential consequences these impacts could have on culture, social relations, and values. The content within this publication covers such topics as AI and tutoring, role of teachers, physical education and sports, interactive E-learning and virtual laboratories, adaptive curricula development, support critical thinking, and augmented intelligence and it is designed for educators, curriculum developers, instructional designers, educational software developers, education consultants, academicians, administrators, researchers, and professionals.

Topics Covered:

- AI and Role of Teachers
- AI and Social and Cultural Impact
- Artificial Intelligence
- Augmented Intelligence
- Critical Thinking
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- Digital Age
- Distance Learning
- Learning Management System
- Physical Education and Sport
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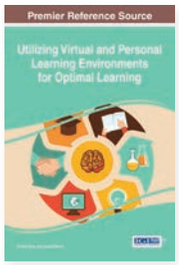

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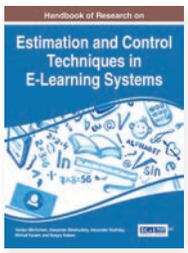

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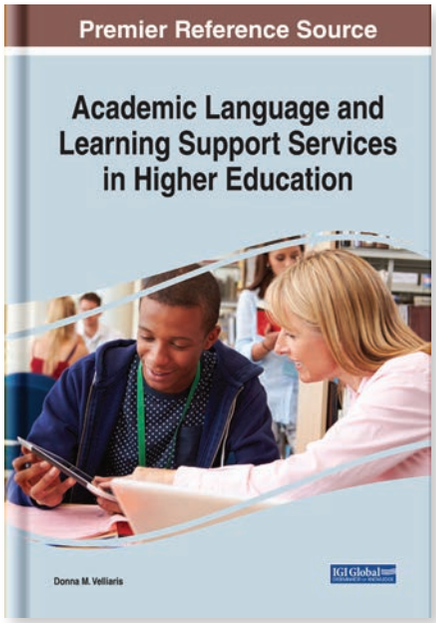
Prof. Donna M. Velliaris (Independent Researcher, Australia)



Description:

Registering for courses, securing financial aid, developing strong study skills, and mastering difficult course material are just a few of the wide variety of obstacles that college students must overcome on their path to graduation. Beyond inadequate academic preparation, first-generation college students may not be able to rely on family or friends for advice about higher education and thus face the additional burden of constructing a support network of mentors and advisors. Without suitable advice and counseling, these students may make decisions that adversely affect their circumstances—and thus, their education.

Academic Language and Learning Support Services in Higher Education is an essential scholarly resource that examines the quality, organization, and administration of academic advisement and academic support systems for college and university students that connect them to the academic community and foster an appreciation of lifelong learning. Featuring a wide range of topics such as enrollment services, professional developments, and service learning, this text is ideal for academicians, academic advisers, mentors, curriculum designers, counsellors, administrators, higher education faculty, policymakers, researchers, and graduate students.

Topics Covered:

- Academic Advising
- Academic Technology Services
- Career Preparation
- Enrollment Services
- Higher Education
- Library Resources
- Mentor Programs
- Orientation
- Pedagogy
- Professional Development
- Service Learning

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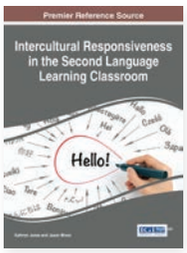

Intercultural Responsiveness in the Second Language Learning Classroom
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Optimizing Elementary Education for English Language Learners
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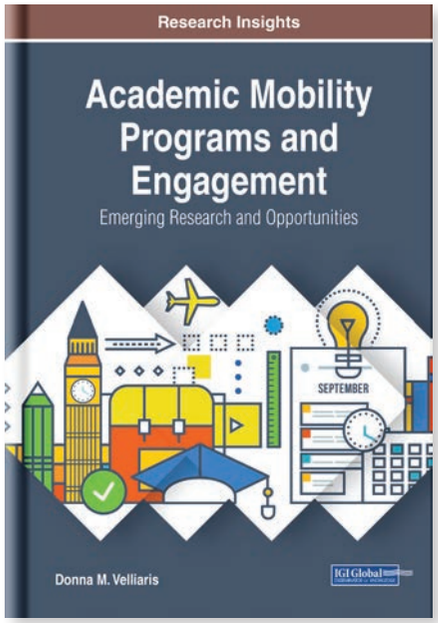

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Part of the Advances in Higher Education and Professional Development Book Series

Prof. Donna M Velliaris (Independent Researcher, Singapore)

Description:

Students in a range of academic disciplines can take part in a growing number of international placements available to them. Given the sharp increase in the number of exchange programs in recent years, the benefit derived by students from their added mobility merits greater investigation.

Academic Mobility Programs and Engagement: Emerging Research and Opportunities is an essential scholarly publication that examines international and study abroad programs and their effect on students and student preparation. Featuring a range of topics such as healthcare, cultural responsiveness, and teacher education, this book is ideal for higher education institutions, faculty, cross-cultural trainers, government officials, counselors, student services administrators, policymakers, program developers, administrators, academicians, educators, researchers, and students.

Topics Covered:

- Assessment
- Cultural Responsiveness
- Curriculum Design
- Exchange Students
- Healthcare
- Intercultural Education
- International Education
- Second Language Learning
- Study Abroad
- Teacher Education

Related Books

Global Perspectives and Local Challenges Surrounding International Student Mobility
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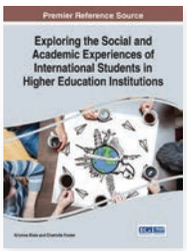

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
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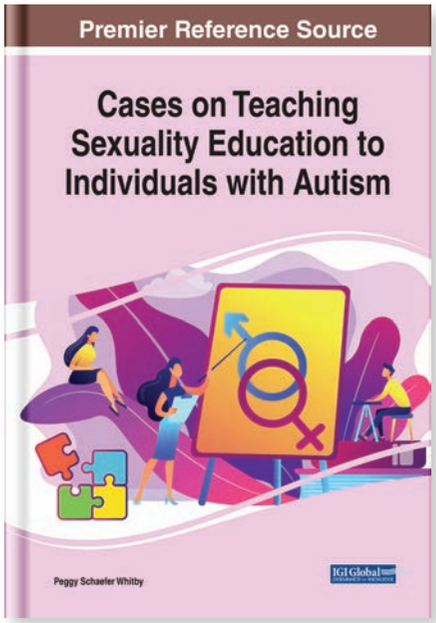

Description:
There are several reasons for providing sexuality education to individuals with autism including supporting healthy development and preventing undesirable outcomes. Supporting healthy development is predicated on notions that humans are inherently sexual beings and that knowledge about sexual development can empower the individual and contribute to more satisfying outcomes. Individuals with autism are at risk for poor outcomes in each of these areas, and specialized sexuality education may help reduce this risk. Ultimately, providing sexuality education to individuals with autism should lead to tangible, observable, and valuable outcomes that improve quality of life. However, many families, teachers, and therapists struggle with how to teach sexuality education to people with autism.

Cases on Teaching Sexuality Education to Individuals With Autism is a critical scholarly resource that provides real case studies that show teachers, behavior analysts, and other stakeholders how to address sexuality education and problem behaviors using evidence-based practices. The case studies detail how teachers and therapists make treatment decisions, include family values and cultural beliefs in treatment, and use data to drive treatment decisions. Featuring a wide range of topics such as developmental disabilities, psychosexual development, and special education, this book is ideal for teachers, parents, therapists, behavior analysts, educational professionals, academicians, administrators, curriculum developers, researchers, and students.

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Topics Covered:

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- Special Education
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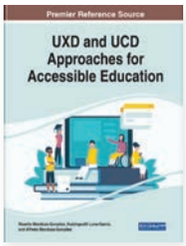

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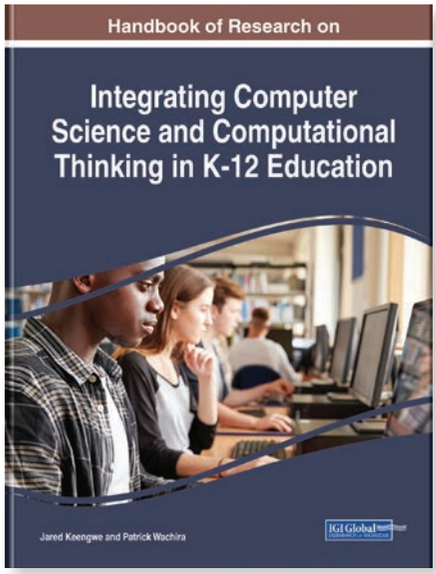

K-12教育中计算机科学与计算思维整合研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Jared Keengwe (University of North Dakota, USA) and Patrick Wachira (Cleveland State University, USA)

ISBN: 9781799814795
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Description:

As technology continues to develop and prove its importance in modern society, certain professions are acclimating. Aspects such as computer science and computational thinking are becoming essential areas of study. Implementing these subject areas into teaching practices is necessary for younger generations to adapt to the developing world. There is a critical need to examine the pedagogical implications of these technological skills and implement them into the global curriculum.

The **Handbook of Research on Integrating Computer Science and Computational Thinking in K-12 Education** is a collection of innovative research on the methods and applications of computer science curriculum development within primary and secondary education. While highlighting topics including pedagogical implications, comprehensive techniques, and teacher preparation models, this book is ideally designed for teachers, IT consultants, curriculum developers, instructional designers, educational software developers, higher education faculty, administrators, policymakers, researchers, and graduate students.

Topics Covered:

- Common Core Standards
- Comprehensive Techniques
- Computer Programming
- Curriculum Frameworks
- Equity Groups
- Learning Outcomes
- Pedagogical Implications
- Student Outcomes
- Teacher Preparation Models
- Technology Applications

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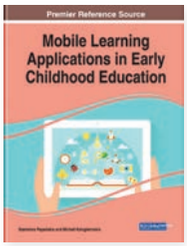

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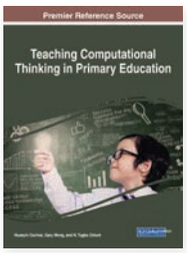

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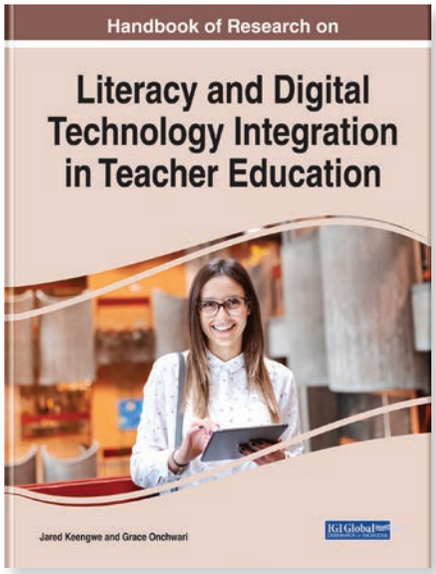

Description:

With widespread testing and standards-driven curriculum and accountability pressure in public schools, teachers are expected to be highly skilled practitioners. There is a pressing need for college faculty to prepare current and future teachers for the demands of modern classrooms and to address the academic readiness skills of their students to succeed in their programs.

The **Handbook of Research on Literacy and Digital Technology Integration in Teacher Education** is an essential academic publication that provides comprehensive research on the influence of standards-driven education on educators and educator preparation as well as the applications of technology for the preparation of teachers. Featuring a wide range of topics such as academic success, professional development, and teacher education, this book is essential for academicians, educators, administrators, educational software developers, IT consultants, researchers, professionals, students, and curriculum designers.

ISBN: 9781799814610
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Topics Covered:

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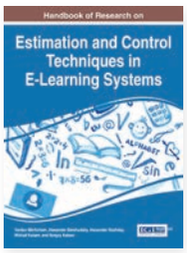

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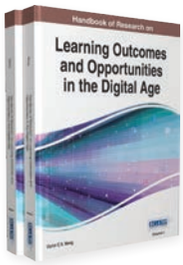

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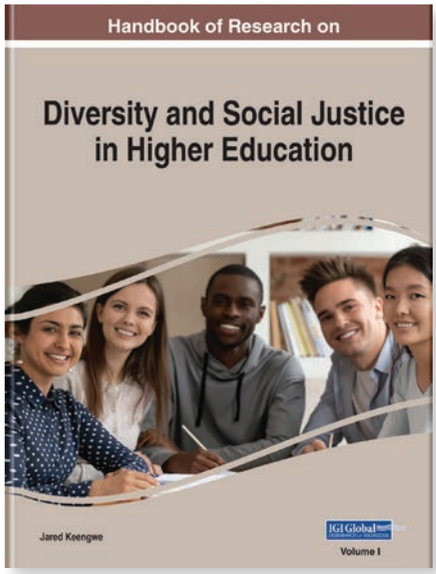

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Part of the Advances in Higher Education and Professional Development Book Series

Prof. Jared Keengwe (University of North Dakota, USA)

Description:

There is growing pressure on teachers and faculty to understand and adopt best practices to work with diverse races, cultures, and languages in modern classrooms. Establishing sound pedagogy is also critical given that racial, cultural, and linguistic integration has the potential to increase academic success for all learners. To that end, there is also a need for educators to prepare graduates who will better meet the needs of culturally diverse learners and help their learners to become successful global citizens.

The **Handbook of Research on Diversity and Social Justice in Higher Education** is a cutting-edge research book that examines cross-cultural perspectives, challenges, and opportunities pertaining to advancing diversity and social justice in higher education. Furthermore, the book explores multiple concepts of building a bridge from a monocultural pedagogical framework to cross-cultural knowledge through appropriate diversity education models as well as effective social justice practices. Highlighting a range of topics such as cultural taxation, intercultural engagement, and teacher preparation, this book is essential for teachers, faculty, academicians, researchers, administrators, policymakers, and students.

Topics Covered:

- Academic Achievement
- Collaboration
- Cultural Taxation
- Diversity
- Duoethnography
- Global Citizenship
- Intercultural Engagement
- Internships
- Social Justice
- Teacher Preparation

关于本书编辑:

Jared Sagini Keengwe is a Professor at the University of North Dakota (UND) and currently serves as the coordinator of the Elementary Education program. He is the editor-in-chief of two IGI Global Book Series: Advances in Higher Education and Professional Development (AHEPD) and Advances in Early Childhood and K-12 Education (AECKE). Prof. Keengwe has published several books and over 100 publications in journals and conference proceedings. His research interests focus on digital technology integration and learner-centered pedagogy in teacher education. His work was honored with the UND Foundation/ McDermott Faculty Award for Excellence in Academic Advising. He was a recipient of the North Dakota Spirit Faculty Achievement Award in recognition of significant contributions in teaching, research, and service. At the national level, Prof. Keengwe was one of the 10 recipients selected to receive the 2010 American Educational Research Association (AERA) Teacher Education Travel Award. More recently, Prof. Keengwe was a recipient of the 2017 Carnegie African Diaspora Fellowship.

*"The handbook is **an essential collection** for teacher educators, academicians, students, researchers, and librarians. It will also benefit university/school administrators, faculty/teachers, and other stake holders who are interested in socio-cultural issues, diversity perspectives, and trends in diversity and social justice in higher education."*

- Dr. Jared Keengwe (University of North Dakota, USA)

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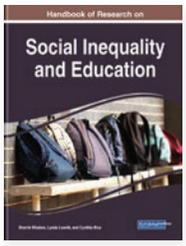

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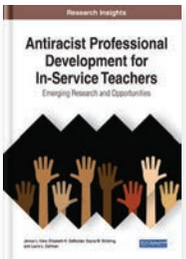

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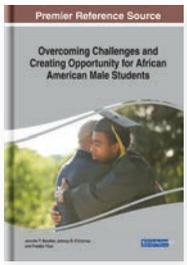

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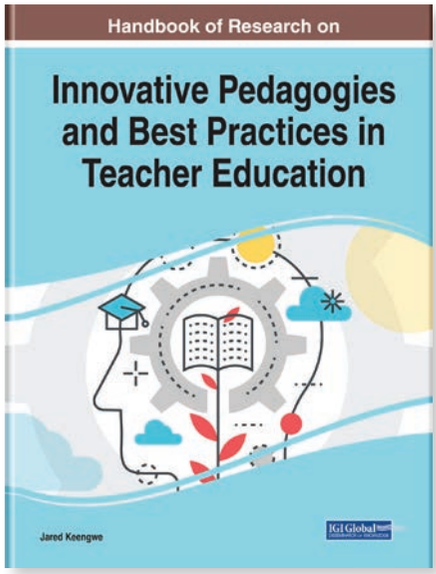

教师培训的创新教学法与最佳实践研究手册

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Jared Keengwe (University of North Dakota, USA)

ISBN: 9781522592327
Release Date: July, 2019
Copyright: 2020
Pages: 422

Pricing:

Hardcover: US $260.00
E-Book: US $260.00

Description:

Educators and those who prepare teachers are facing increased scrutiny on their practice that include pressures to demonstrate their effectiveness, meet the needs of changing demographics and students, and adapt to ever-changing learning environments. Thus, there is a need for innovative pedagogies and adoption of best practices to effectively serve the needs of digital learners.

The **Handbook of Research on Innovative Pedagogies and Best Practices in Teacher Education** is an essential research book that takes an in-depth look at the methods by which educators are prepared to address shifting demographics and technologies in the classroom and provides strategies for focusing their curricula on diverse learning types. It takes a look at the use of innovative pedagogies and effective learning spaces in teacher education programs and the decisions behind them to enhance more inquiry learning, STEM initiatives, and prove more kinds of exploratory learning for students. Covering topics such as higher education, virtual reality, and inclusive education, this book is ideally designed for teachers, administrators, academicians, instructors, and researchers.

Topics Covered:

- Cultural Diversity
- Gifted Learners
- Higher Education
- Inclusive Education
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Part of the Advances in Higher Education and Professional Development Book Series

Profs. Verica Babić (University of Kragujevac, Serbia) and Zlatko Nedelko (University of Maribor, Slovenia)

Description:

Innovation in higher education is a process of institutional adaptation to changes in the environment that enables higher education institutions to improve their existing practice and to be innovative at different levels and in different forms. Moreover, innovativeness is also related to internal characteristics of higher education institutions. Innovation in higher education can be observed as a result of the changing contexts in which higher education institutions function. Adjacently, a comprehensive approach to considering innovativeness is needed in order to enable the examination of different elements of innovativeness in higher education, that is, to identify the key factors that (de)stimulate innovations and affect their interactions with other relevant stakeholders at the national level and beyond.

The **Handbook of Research on Enhancing Innovation in Higher Education Institutions** is a critical scholarly book that examines innovativeness in higher education and its complications and diversity. Starting from the view that higher education is currently confronted by global forces that require new research ideas, the publication suggests that comprehensive understanding of innovativeness is imperative for higher education's institutions in the 21st century. Analyzing the recognized trends within the publication and concluding which aspects should be taken to improve innovativeness in higher education, this reference book outlines quality and innovation in teaching, innovative university-business cooperation, institutional framework and governance of higher education institutions, knowledge management, and leadership and organizational culture. It is ideal for curriculum designers, administrators, researchers, policymakers, academicians, professionals, and students.

ISBN: 9781799827085
Release Date: March, 2020
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Pages: 695

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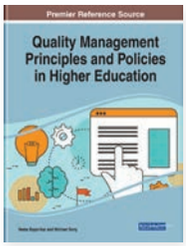

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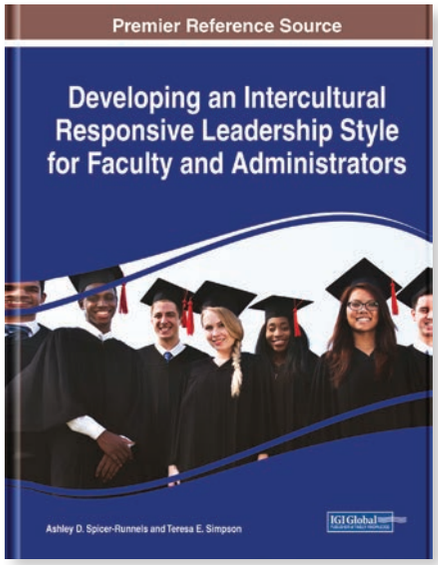

为教师和管理者培养跨文化领导风格

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Profs. Ashley D. Spicer-Runnels (Texas A&M University-San Antonio, USA) and Teresa E. Simpson (Lamar University, USA)

Description:

College student populations are becoming increasingly more diverse as students from diverse backgrounds have greater access to higher education. Additionally, governing bodies have heightened expectations related to student success, retention, and time to degree, thus holding institutions of higher education more accountable. With a changing student demographic and increased accountability measures, faculty and administrators are seeking effective strategies to enhance intercultural responsiveness among underrepresented populations to support their success.

Developing an Intercultural Responsive Leadership Style for Faculty and Administrators is a critical research publication that examines student retention and success among underrepresented college student populations by analyzing factors impacting their persistence towards graduation as well as exploring strategies to enhance intercultural responsiveness among these populations. Featuring a wide range of topics such as diversity, intercultural fluency, STEM education, and lifelong learning, this book is ideal for administrators, faculty, academicians, policymakers, researchers, and students.

ISBN: 9781799841081
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Pages: 292

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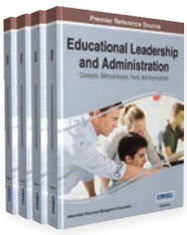

Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications (4 Vols.)
© 2017; 2,183 pp.

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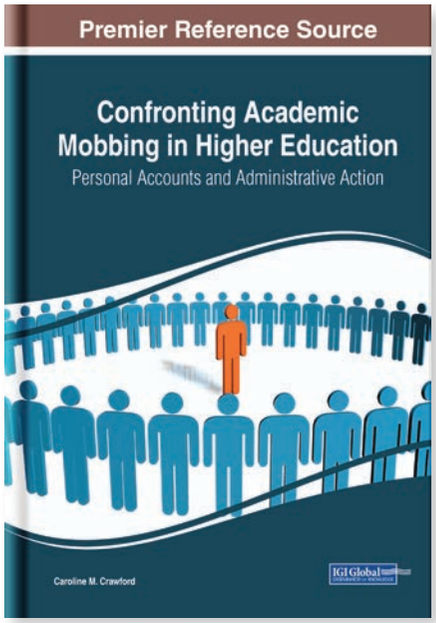
Prof. Caroline M. Crawford (University of Houston - Clear Lake, USA)



Description:

Academic mobbing, a bullying behavior that targets a specific faculty member, is growing in higher education. It is a dangerous phenomenon that often attacks competent researchers and scholars who are ethical, outspoken in support of others, and normally reflect professional achievement that is coveted, resented, and perceived as intimidating by lesser faculty and administrators. Therefore, it is important to understand how academic mobbing begins, expands amongst faculty and administrators, is actually supported by faculty and administrators by either proactive efforts or actively ignoring, and results in a weakening of the higher education institution due to the reputation being detrimentally, and many times irreparably, impacted.

Confronting Academic Mobbing in Higher Education: Personal Accounts and Administrative Action is an essential research publication that provides comprehensive research on the development of academic mobbing as a prevalent form of bullying within higher education and seeks to explore solutions and provide support for professionals currently dealing with this phenomenon. Highlighting a range of topics such as ethics, faculty outcomes, and narcissism, this book is ideal for higher education faculty, deans, department chairs, provosts, chancellors, university presidents, rectors, administrators, academicians, researchers, human resources faculty, policymakers, and academic leaders.

Topics Covered:

- Academic Mobbing
- Bullying
- Ethics
- Faculty Outcomes
- Higher Education
- Narcissism
- Psychological Terror
- Servant Leadership
- Sociopathy
- Toxic Leadership

ISBN: 9781522594857
Release Date: September, 2019
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Pages: 301

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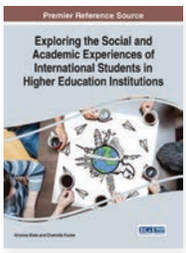

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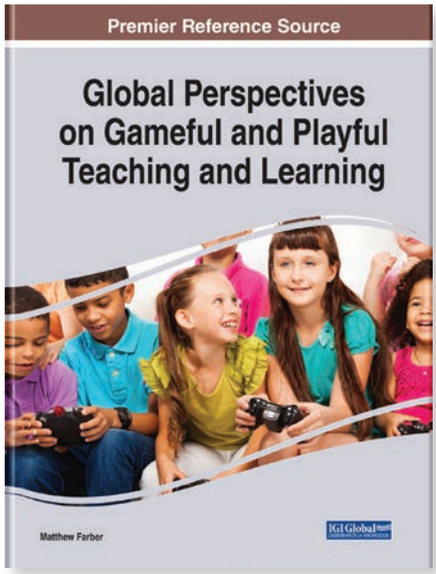

游戏性和娱乐性教学的全球展望

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Matthew Farber (University of Northern Colorado, USA)

Description:
In the fast-changing field of education, the incorporation of game-based learning has been increasing in order to promote more successful learning instruction. Improving the interaction between learning outcomes and motivation in games (both digital and analog) and promoting best practices for the integration of games in instructional settings are imperative for supporting student academic achievement.

Global Perspectives on Gameful and Playful Teaching and Learning is a collection of innovative research on the methods and applications that explore the cognitive and psychological aspects underpinning successful educational video games. While highlighting topics including nontraditional exercise, mobile computing, and interactive technologies, this book is ideally designed for teachers, curriculum developers, instructional designers, course designers, IT consultants, educational software developers, principals, school administrators, academicians, researchers, and students seeking current research on the design and integration of game-based learning environments.

ISBN: 9781799820154
Release Date: December, 2019
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Pages: 330

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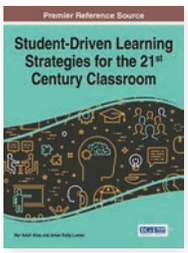

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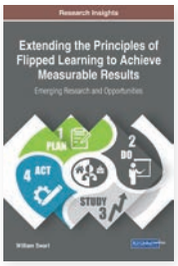

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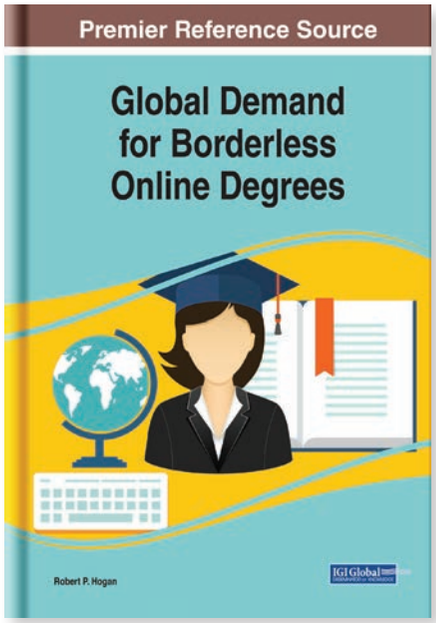

Description:
In recent decades, community colleges and universities have struggled with less funding, increased competition, and shrinking enrollment. Borderless online degrees offer opportunities to make higher education more accessible and to make foreign study without having to travel abroad an option. Lower cost, high retention, and reduced time to graduate are all key selling points for these degrees.

Global Demand for Borderless Online Degrees is an essential research publication that provides the benefits, risks, and solutions for entering the borderless online degree market and discusses novel online approaches that are cost-effective for higher education institutions and affordable for customers at home and abroad. This book describes innovative pedagogy in fused learning classrooms that builds relationships and promotes retention and student satisfaction. Featuring a wide range of topics such as community college, accreditation, and international education, this book is ideal for university presidents, provosts, rectors, chancellors, international educators, administrators, academicians, policymakers, researchers, and students.

Topics Covered:

- Accreditation
- Administration
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- Borderless Degrees
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- Distance Learning
- Fusion Learning
- International Education
- Pedagogy
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ISBN: 9781522589129
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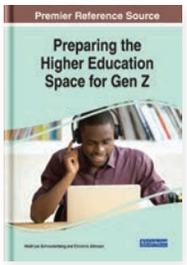

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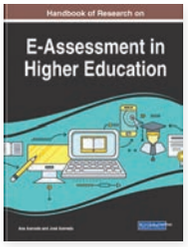

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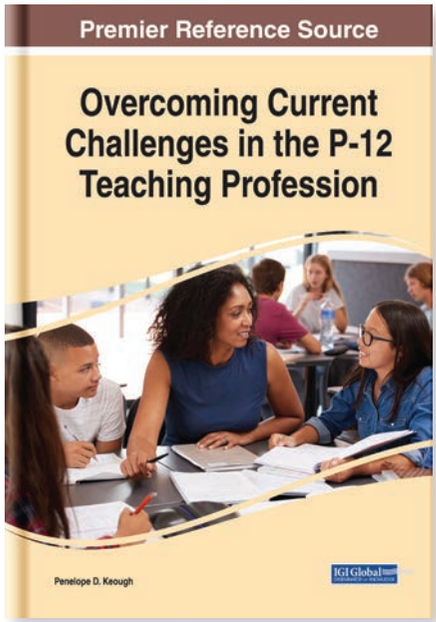

克服P-12教学专业面临的挑战

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Penelope D. Keough (National University, USA)

Description:

Teachers are constantly faced with a plethora of challenges, but none has been more prevalent in the 21st century than educating a diverse collection of students. In the midst of the current challenges in teaching P-12 students, pre-service teachers may be under district contract but may not be prepared for teaching students with disabilities, the homeless, second language learners recently immigrated to the United States, or students who face emotional challenges or addiction.

Overcoming Current Challenges in the P-12 Teaching Profession is an essential reference book that provides insight, strategies, and solutions to overcome current challenges experienced by P-12 teachers in general and special education. Featuring coverage on a broad range of topics such as global education, professional development, and responsive teaching, this book is ideally designed for educators, administrators, school psychologists, counselors, academicians, researchers, and students seeking current research on culturally responsive teaching.

ISBN: 9781799811770
Release Date: November, 2019
Copyright: 2020
Pages: 393

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Topics Covered:

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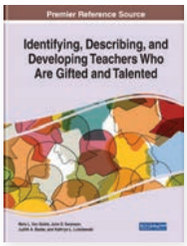

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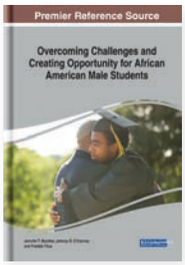

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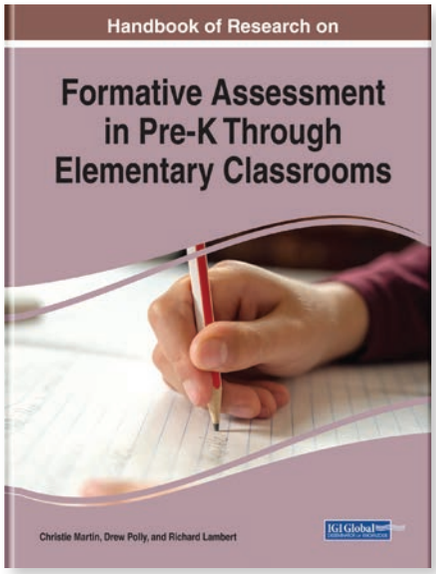

Description:

Educators require constructive information that details their students' comprehension and can help them to advance the learners' education. Accurate evaluation of students at all educational levels and the implementation of comprehensive assessment strategies are essential for ensuring student equality and academic success.

The **Handbook of Research on Formative Assessment in Pre-K Through Elementary Classrooms** is an essential research publication that addresses gaps in the understanding of formative assessment and offers educators meaningful and comprehensive examples of formative assessment in the Pre-K through elementary grade levels. Covering an array of topics such as literacy, professional development, and educational technologies, this book is relevant for instructors, administrators, education professionals, educational policymakers, pre-service teachers, academicians, researchers, and students.

Topics Covered:

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ISBN: 9781799803232
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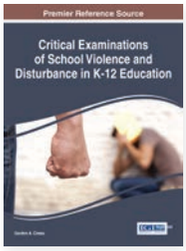

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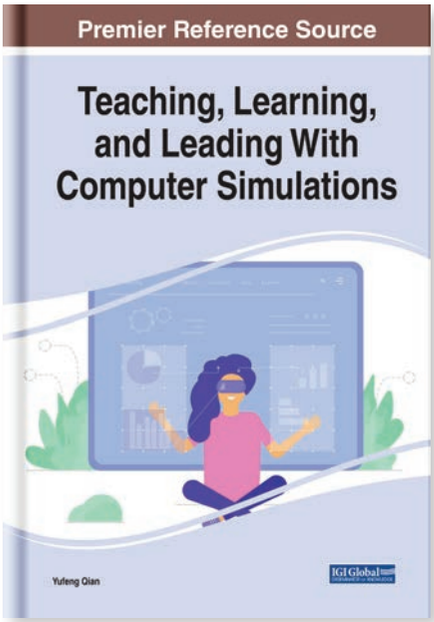

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使用计算机模拟进行教授、学习与领导

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Prof. Yufeng Qian (Louisiana State University, USA)

Description:

Computer simulation, a powerful technological tool and research-proven pedagogical technique, holds great potential to enhance and transform teaching and learning in education and is therefore a viable tool to engage students in deep learning and higher-order thinking. With the advancement of simulation technology (e.g., virtual reality, artificial intelligence, machine learning) and the expanded disciplines where computer simulation is being used (e.g., data science, cyber security), computer simulation is playing an increasingly significant role in leading the digital transformation in K-12 schools and higher education institutions, as well as training and professional development in corporations, government, and the military.

Teaching, Learning, and Leading With Computer Simulations is an important compilation of research that examines the recent advancement of simulation technology and explores innovative ways to utilize advanced simulation programs for the enhancement of teaching and learning outcomes. Highlighting a range of topics such as pedagogy, immersive learning, and social sciences, this book is essential for educators, higher education institutions, deans, curriculum designers, school administrators, principals, IT specialists, academicians, researchers, policymakers, and students.

Topics Covered:

- Authentic Assessment
- Computer Simulations
- Design Models
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- Professional Development
- Social Sciences
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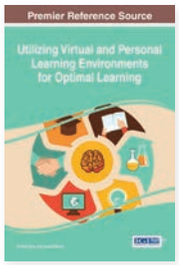

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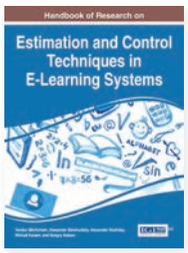

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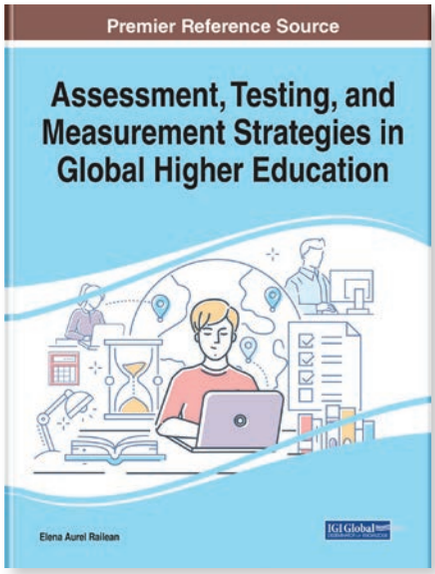
Prof. Elena Aurel Railean (American University of Moldova, Moldova)



Description:

Teachers assist students in order to gain data and to determine whether the instructional objectives have been met. Usually, the assessment process takes place as part of ongoing learning and teaching, periodically and at key transitions. The term “assessment” refers to the wide variety of methods, procedures, and tools used to determine what students know, learn, and how they apply knowledge in concrete situations.

Assessment, Testing, and Measurement Strategies in Global Higher Education is a comprehensive synthesis of correlations between assessment, testing, and measurement in the context of global education. It analyzes the impact of educational technology on learning analytics, challenges of rapidly changing learning environments, and computer-based assessment. Featuring an assortment of topics such as educational technologies, risk management, and metacognition, this book is optimal for academicians, higher education faculty, deans, performance evaluators, practitioners, curriculum designers, researchers, administrators, and students.

Topics Covered:

- Adult Learning
- Assessment
- Digital Transformation
- Ecology
- Educational Technologies
- Higher Education
- Metacognition
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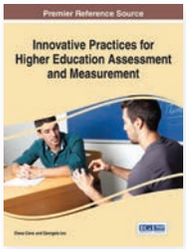

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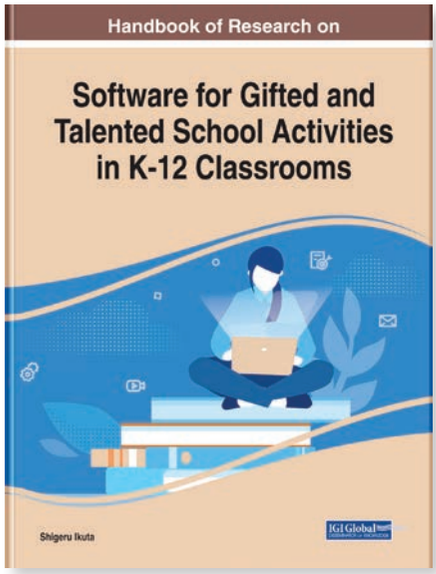

适用于K-12课堂中英才教育学校活动的软件研究手册

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Shigeru Ikuta (Otsuma Women's University, Japan)

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Description:

As technology continues to play a pivotal role in society, education is a field that has become heavily influenced by these advancements. New learning methods are rapidly emerging and being implemented into classrooms across the world using software that is low cost and easy to handle. These tools are crucial in creating skillful learning techniques in classrooms, yet there is a lack of information and research on the subject.

The **Handbook of Research on Software for Gifted and Talented School Activities in K-12 Classrooms** is an essential reference source that discusses newly developed but easy-to-handle and less costly software and tools and their implementation in real 21st-century classrooms worldwide. The book also helps and supports teachers to conduct gifted and talented school activities in K-12 classrooms. Featuring research on topics such as educational philosophy and skillful learning techniques, this book is ideally designed for software developers, educators, researchers, psychologists, instructional designers, curriculum developers, principals, academicians, and students seeking coverage on the emerging role that newly developed software plays in early education.

Topics Covered:

- Communication Technology
- Cross-Cultural Investigation
- Educational Philosophy
- Effective Tools
- Gifted Programs
- Instructional Design
- Learning Support Systems
- Mobile Technologies
- Psychology
- Skillful Learning Techniques
- Software Development
- Special Needs Classes
- Student Learning
- Teaching Materials
- Video Materials and Conferencing
- Virtual Reality

关于本书编辑:

Shigeru Ikuta is a Professor at Otsuma Women's University, Japan. He is an education technologist, teacher educator in Science, and special educator with a focus on student learning and development on the basis of communication aids. He completed his graduate work and earned a doctorate in science at Tohoku University in Sendai, Japan. He had been working as a Professor of Computation Chemistry at Tokyo Metropolitan University for twenty-nine years and is honored to be an Emeritus Professor. He moved to University of Tsukuba and has started collaborative works with schoolteachers affiliated with the University. He has been conducting many school activities in cooperation with the schoolteachers all over the world for more than ten years using original handmade teaching materials with dot codes, e-books with media overlays, and augmented reality in supporting the students' learning both at the special needs and general schools.

*"This book **strongly helps and supports** the school teachers to clarify (1) what kind of software is suitable for each gifted and talented student, (2) what kind of software is suitable for creating self-made teaching materials for each student with disabilities, and (3) how to conduct gifted school activities to support each individual's learning and daily life in classes and at homes."*
- Prof. Shigeru Ikuta (Otsuma Women's University, Japan)

本书章节示例:	
Chapter 2: Philosophy and Psychology as Influences on Gifted and Talented Education in the 21st Century Education Prof. Britt Tatman Ferguson, National University, USA Prof. Maximilian G. F. Napier, Kipp San Francisco College Preparatory High School, USA	**Chapter 3: Integration of Educational Software in Teaching Gifted Students in K-12 Classrooms** Prof. Pankaj Khazanchi, Liberty University, USA & Cobb County School District, USA Prof. Rashmi Khazanchi, Mitchell County School System, USA
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Chapter 15: Computer-Driven Technologies for Effective Teaching in K-12 Classrooms in Nigeria Prof. Oluwakemi Olurinola, Olabisi Onabanjo University, Ago-iwoye, Nigeria	**Chapter 16: Gifted Flipped Learning for Math Classroom With Video Materials** Prof. Noriyuki Matsunami, Teikyo University, Japan Prof. Masahiro Nagai, Tokyo Metropolitan University, Japan

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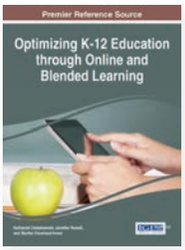

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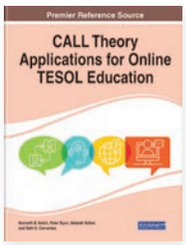

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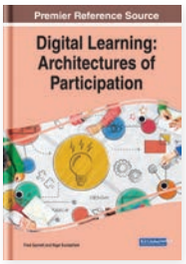

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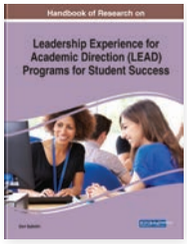

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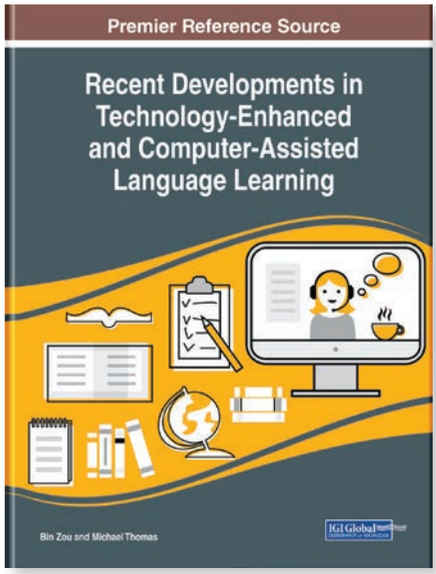

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Profs. Bin Zou (Xi'an Jiaotong-Liverpool University, China) and Michael Thomas (University of Central Lancashire, UK)

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Description:

The pace at which technology changes has created unique challenges in the integration of such technologies into language teaching and learning. Innovative pedagogies and strategies must be developed that adapt to these changes and accommodate future technological changes.

Recent Developments in Technology-Enhanced and Computer-Assisted Language Learning is an essential research publication that focuses on technological influences on language education and applications of technology in language learning courses including foreign and second language learning. Featuring an array of topics such as artificial intelligence, teacher preparation, and distance learning, this book is ideal for teachers, language instructors, IT specialists, instructional designers, curriculum developers, researchers, education professionals, academicians, administrators, practitioners, and students.

Topics Covered:

- Artificial Intelligence
- Computer-Assisted Language Learning (CALL)
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- Distance Learning
- Language Learning
- Learning Environments
- Mobile Learning
- Mobile Technologies
- Pedagogy
- Teacher Preparation
- Virtual Learning

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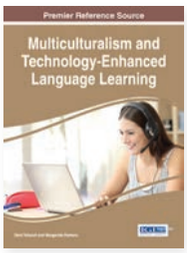

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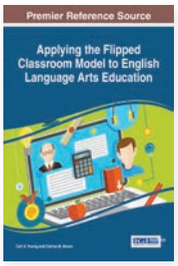

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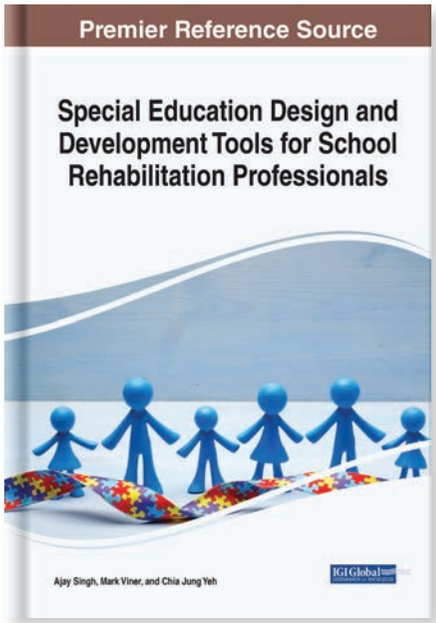

Description:

Educators who work with students with disabilities have the unique challenge of providing comprehensive and quality educational experiences for students who have a wide range of abilities and levels of focus. Pedagogies and educational strategies can be applied across a student population, though they tend to have varied success. Developing adaptive teaching methods that provide quality experiences for students with varied disabilities are necessary to promote success for as many of these students as possible.

Special Education Design and Development Tools for School Rehabilitation Professionals is a comprehensive research publication that examines special education practices and provides in-depth evaluations of pedagogical practices for improved educational experiences for students with disabilities. Highlighting a range of topics such as bilingual education, psychometrics, and physical education, this book is ideal for special education teachers, instructors, rehabilitation professionals, academicians, school administrators, instructional designers, curriculum developers, principals, educational software developers, researchers, and students.

ISBN: 9781799814313
Release Date: December, 2019
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Pages: 320

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Topics Covered:

- Bilingual Education
- Culturally Responsive Classrooms
- Foster Care
- Inclusive Classroom
- Inclusive Development
- Intellectual Disability
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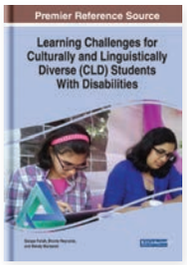

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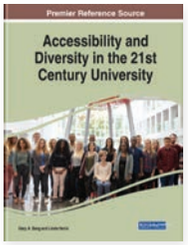

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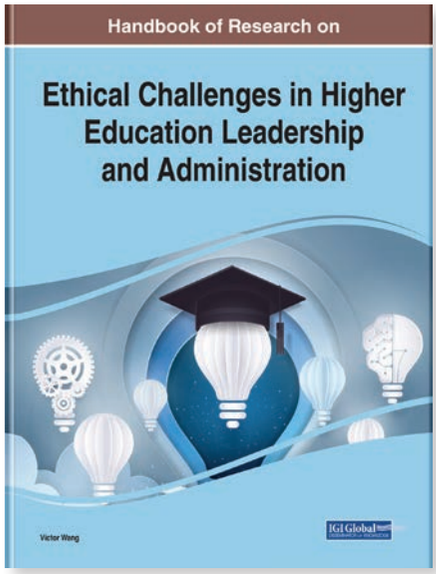

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Description:

Higher education institutions are, more so than other organizations, deeply complex, and they present a unique challenge to their leaders and administrators. The unique complexities of higher education call for governance founded on thoughtful consideration of leadership practices, theory, and styles that reflect the values of the institution and its mission. Embedded in a rapidly changing society, the future of higher education leadership and administration is necessarily dynamic and demands a strong ethical core to guide research, knowledge production, and organizational behavio

The **Handbook of Research on Ethical Challenges in Higher Education Leadership and Administration** is a cutting-edge research publication that examines leadership ethics that higher education institutions must employ to be proactive, visionary, and ethically sound. The publication covers the importance of leadership ethics in higher education as well as the foundation for developing frameworks in which to ground the presence of leadership ethics in higher education. Featuring a wide range of topics such as distance education, free speech, and leadership, this book is ideal for librarians, academicians, administrators, researchers, education professionals, policymakers, and students.

Topics Covered:

- Administration
- Distance Education
- Emancipatory Education
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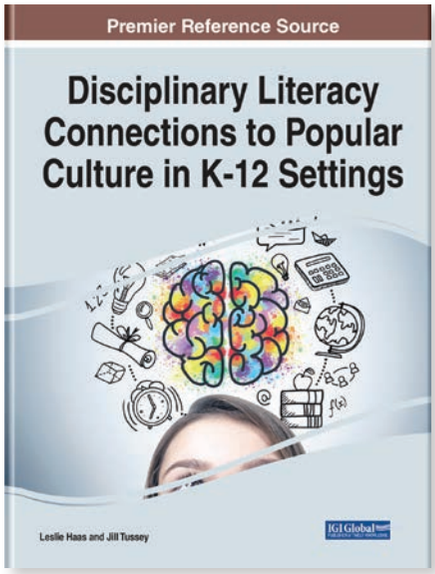

Description:

Literacy and popular culture are intrinsically linked as forms of communication, entertainment, and education. Students are motivated to engage with popular culture through myriad mediums for a variety of purposes. Utilizing popular culture to bridge literacy concepts across content areas in K-12 settings offers a level playing field across student groups and grade levels. As concepts around traditional literacy education evolve and become more culturally responsive, the connections between popular culture and disciplinary literacy change must be explored.

Disciplinary Literacy Connections to Popular Culture in K-12 Settings is an essential publication that explores a conceptual framework around pedagogical connections to popular culture. While highlighting a broad range of topics including academic creativity, interdisciplinary storytelling, and skill development, this book is ideally designed for educators, curriculum developers, instructional designers, administrative officials, policymakers, researchers, academicians, and students.

Topics Covered:

- Academic Creativity
- Achievement Gap
- Comprehension Development
- Consumerism
- Curriculum Development
- Interdisciplinary Storytelling
- Multimodal Content Delivery
- Online Gaming
- Pop Culture Integration
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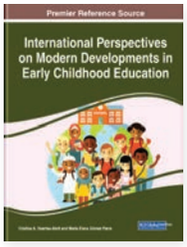

International Perspectives on Modern Developments in Early Childhood Education
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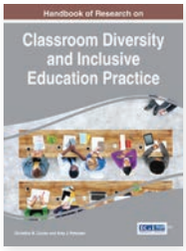

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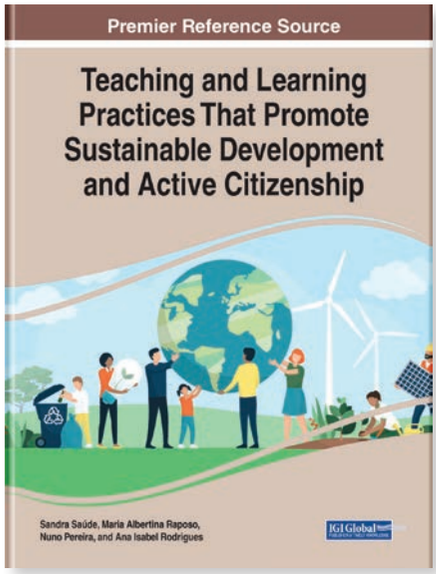

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Description:

The profound changes that we are experiencing at the political, environmental, economic, social, and cultural levels of our "postmodern" society pose immense challenges to education. In order to empower students to analyze, reflect, and take action for a sustainable world, the learning and educational process must be experienced in the context of citizenship; that is, it must be designed, planned, and implemented having global sustainability as a framework, thus developing societal awareness, values, and principles.

Teaching and Learning Practices That Promote Sustainable Development and Active Citizenship is an essential research book that provides comprehensive research on education as a fundamental factor in empowering citizens to understand and act on the multiple risks and challenges to the sustainability of our society and world. Highlighting a range of topics such as ecotourism, civic education, and STEM education, this book is ideal for academicians, education professionals, researchers, policymakers, and students.

Topics Covered:

- Citizenship
- Civic Education
- Drone Technology
- Ecotourism
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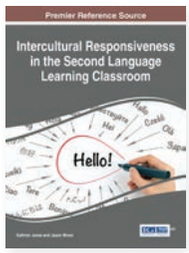

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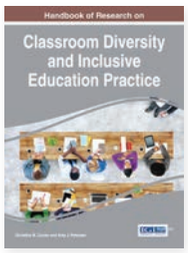

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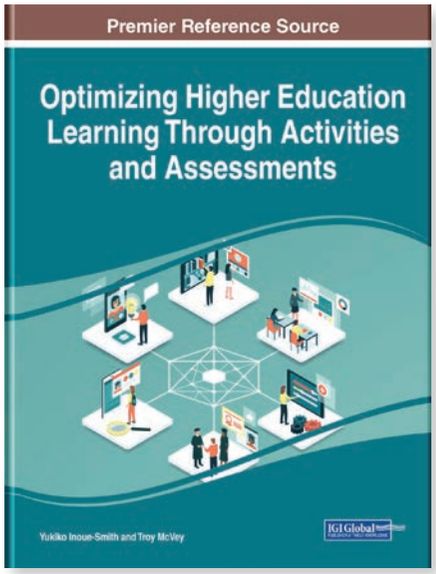
Profs. Yukiko Inoue-Smith (University of Guam, Guam) and Troy McVey (University of Guam, Guam)



Description:

The mission of higher education in the 21st century must focus on optimizing learning for all students. In a shift from prioritizing effective teaching to active learning, it is understood that computer-enhanced environments provide a variety of ways to reach a wide range of learners who have differing backgrounds, ages, learning needs, and expectations. Integrating technology into teaching assumes greater importance to improve the learning experience.

Optimizing Higher Education Learning Through Activities and Assessments is a collection of innovative research that explores the link between effective course design and student engagement and optimizes learning and assessments in technology-enhanced environments and among diverse student populations. Its focus is on providing an understanding of the essential link between practices for effective "activities" and strategies for effective "assessments," as well as providing examples of course designs aligned with assessments, positioning college educators both as leaders and followers in the cycle of lifelong learning. While highlighting a broad range of topics including collaborative teaching, active learning, and flipped classroom methods, this book is ideally designed for educators, curriculum developers, instructional designers, administrators, researchers, academicians, and students.

ISBN: 9781799840367
Release Date: June, 2020
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Pages: 406

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Topics Covered:

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- Assessment Strategies
- Blended Course Design
- Collaborative Teaching
- Course Syllabus Design
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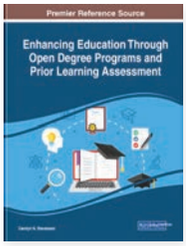

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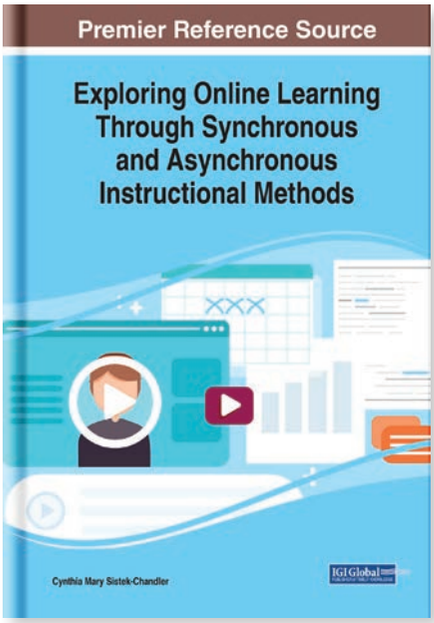

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通过同步与异步教学方法探索在线学习

Part of the Advances in Mobile and Distance Learning Book Series

Prof. Cynthia Mary Sistek-Chandler (National University, USA)

Description:

Exploring online learning through the lens of synchronous and asynchronous instructional methods can be beneficial to the online instructor and to the course designer. Understanding the underlying theoretical foundation is essential to justify both types of instructional pedagogies. Learning theory as it applies to online environments encompasses myriad techniques and practices.

Edited by Dr. Cynthia Mary Sistek-Chandler, who was named the 2020 Higher Education Technology Leader Winner by EdTech Digest, **Exploring Online Learning Through Synchronous and Asynchronous Instructional Methods** is an essential scholarly book that provides relevant and detailed research on the applications of synchronous and asynchronous instructional pedagogies and discusses why they are critical to the design and implementation of contemporary online courses. Featuring an array of topics such as student engagement, adaptive learning, and online instruction, this book is ideal for online instructors, instructional designers, curriculum developers, course designers, academicians, administrators, e-learning professionals, researchers, and students.

Topics Covered:

- Adaptive Learning
- Asynchronous Environments
- Blended Learning
- ePortfolios
- Instructional Design
- Learning Management Systems
- Online Instruction
- Online Learning
- Precision Education
- Real-Time Teaching
- Social Presence
- Student Engagement
- Synchronous Environments
- Virtual Learning
- Webcast

Dr. Cynthia Mary Sistek-Chandler, from National University, USA, and editor of Exploring Online Learning Through Synchronous and Asynchronous Instructional Methods (IGI Global) was named the 2020 Higher Education Technology Leader Winner in the EdTech Awards

Read more about this award in the press release:

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To learn more about this publication and to hear from Dr. Cynthia Sistek-Chandler and other education experts, view the video K-12 Online Learning E-Book Collection: Experts Weigh in on Navigating the "New Norm" of Education.

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Chapter 11: A Study on the Effectiveness of College English Blended Learning Under MOOCs Philosophy in China Prof. Zhaohui Dai, Shanghai University, China & University of Wisconsin, Madison, USA	**Chapter 12: A Holistic Approach to Integrating ePortfolios as Instructional Methods in Online Programs** Prof. Barbara Miller Hall, Northcentral University, USA Prof. Miranda R. Regnitz, Northcentral University, USA

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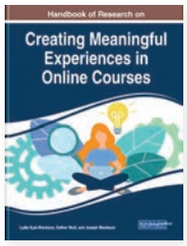

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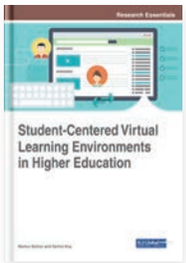

Student-Centered Virtual Learning Environments in Higher Education
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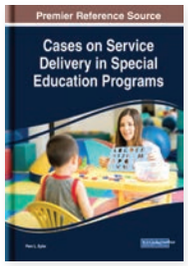

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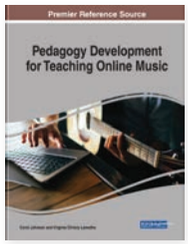

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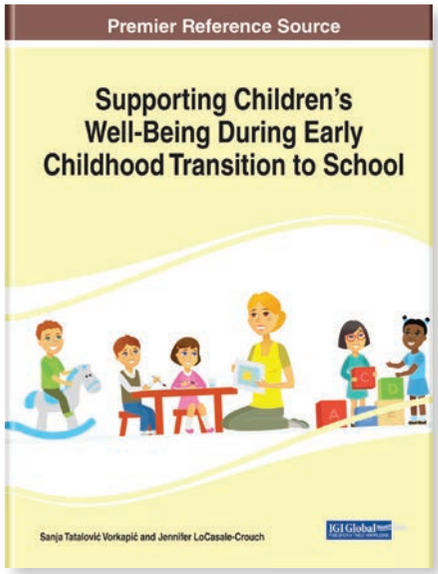

在幼儿过渡到学校期间提供儿童福利支持

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Sanja Tatalović Vorkapić (Faculty of Teacher Education, University of Rijeka, Croatia) and Jennifer LoCasale-Crouch (Center for Advanced Study of Teaching and Learning, University of Virginia, USA)

Description:

Life transitions differ concerning the intensity of the change and the intensity of the child's reaction to that change. For most children, the first and most significant transition is from the family home to an institution of early care and education, which includes preschool. These transitions can also include children's passage from kindergarten to elementary school. However, the intensity of the child's reaction is related to the size of the change that is happening and also to who or what is involved in that change and the importance a child attributes to that someone or something.

Supporting Children's Well-Being During Early Childhood Transition to School is an essential scholarly publication that examines evidence-based practices and approaches that fully support a child's well-being during transition periods in early childhood. It serves as a resource to rethink contemporary transition theoretical models, research studies, and applied practices. Featuring a wide range of topics such as emotional competency, language learners, and professional development, this book is ideal for academicians, psychologists, early childhood educators, daycare centers, curriculum designers, policymakers, researchers, education professionals, and students.

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Topics Covered:

- Curriculum Design
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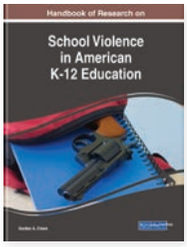

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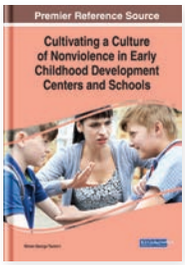

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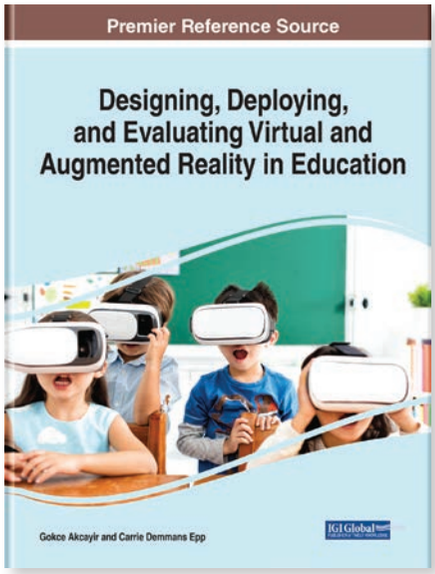
Profs. Gokce Akcayir (University of Alberta, Canada) and Carrie Demmans Epp (University of Alberta, Canada)



Description:

Augmented reality (AR) and virtual reality (VR) provide flexibility in education and have become widely used for the promotion of multimedia learning. This use coincides with mobile devices becoming prevalent, VR devices becoming more affordable, and the creation of user-friendly software that allows the development of AR/VR applications by non-experts. However, because the integration of AR and VR into education is a fairly new practice that is only in its initial stage, these processes and outcomes need to be improved.

Designing, Deploying, and Evaluating Virtual and Augmented Reality in Education is an essential research book that presents current practices and procedures from different technology-implementation stages (design, deployment, and evaluation) to help educators use AR/VR applications in their own teaching practices. The book provides comprehensive information on AR and VR applications in different educational settings from various perspectives including but not limited to mobile learning, formal/informal learning, and integration strategies with practical and/or theoretical implications. Barriers and challenges to their implementation that are currently faced by educators are also addressed. This book is ideal for academicians, instructors, curriculum designers, policymakers, instructional designers, researchers, education professionals, practitioners, and students.

ISBN: 9781799850434
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Pages: 300

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Topics Covered:

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- Cognition
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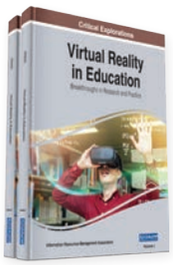

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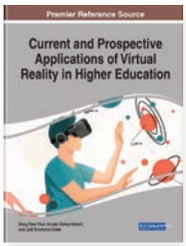

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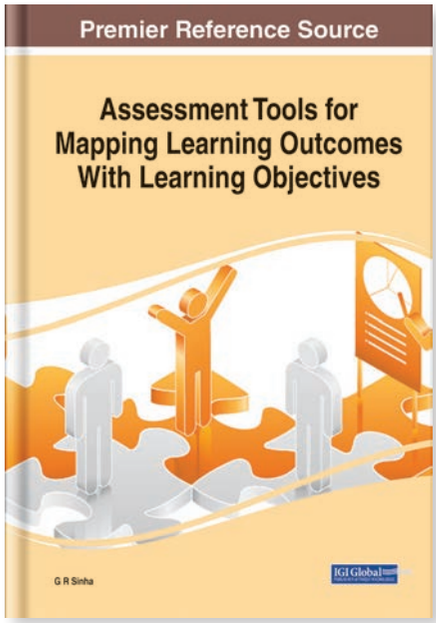

将学习成果与学习目标对应起来的评估工具

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Prof. G. R. Sinha (Myanmar Institute of Information Technology, Mandalay, Myanmar)

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Description:

In educational institutions, outcome-based education (OBE) remains crucial in measuring how certain teaching techniques are impacting the students' ability to learn. Currently, these changes in students are mapped by analyzing the objectives and outcomes of certain learning processes. International accreditation agencies and quality assessment networks are all focusing on mapping between outcomes and objectives. The need of assessment tools arises that can provide a genuine mapping in the global context so that students or learners can achieve expected objectives.

Assessment Tools for Mapping Learning Outcomes With Learning Objectives is a pivotal reference source that provides vital research on the implementation of quality assessment methods for measuring the outcomes of select learning processes on students. While highlighting topics such as quality assessment, effective employability, and student learning objectives, this book is ideally designed for students, administrators, policymakers, researchers, academicians, practitioners, managers, executives, strategists, and educators seeking current research on the application of modern mapping tools for assessing student learning outcomes in higher education.

Topics Covered:

- Effective Employability
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- Outcome-Based Education
- Pedagogy
- Quality Assessment
- Skill Development
- Student Learning Objectives
- Traditional Teaching

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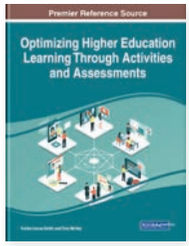

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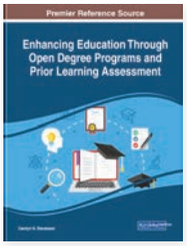

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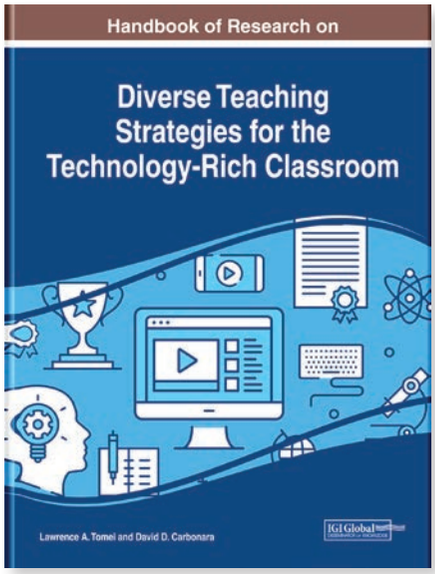

Description:

Due to advancing technologies and an evolving professional world, various strategies for preparing and engaging students are necessary for sufficient professional development. Methods that integrate technologies and skillsets related to technologies are becoming more prevalent and essential for success beyond the classroom.

The **Handbook of Research on Diverse Teaching Strategies for the Technology-Rich Classroom** is an essential research publication that explores diverse teaching strategies and their applications to enhance and improve the design of curricula, the development of materials, and the assessment of students' knowledge and skills. Featuring a wide range of topics such as distance learning, social media, and management education, this book is ideal for educators, principals, academicians, curriculum designers, administrators, and researchers.

Topics Covered:

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- E-Textbooks
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- K-12 Education
- Learning Outcomes
- Library Science
- Management Education
- Social Media
- Student Engagement
- Technology Adoption

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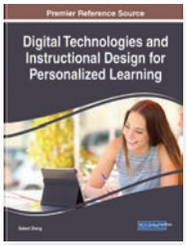

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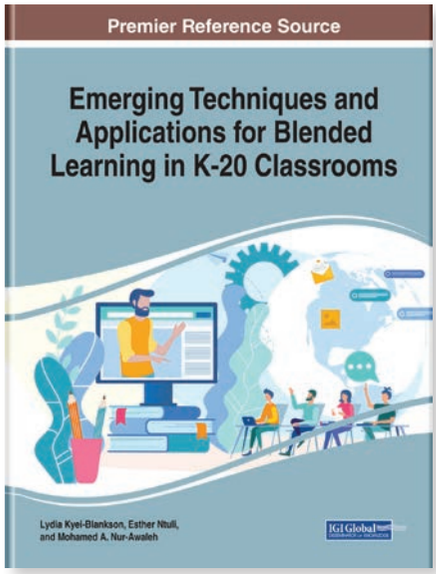

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适合幼儿园-20年级课堂混合式学习的新兴技术与应用

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Lydia Kyei-Blankson (Illinois State University, USA), Esther Ntuli (Idaho State University, USA), and Mohamed A. Nur-Awaleh (Illinois State University, USA)

Description:
Many learning options are possible in education, from traditional to blended/hybrid to fully online. Of the three delivery formats, the blended mode, which involves the fusion of online and traditional face-to-face instruction and learning activities, is considered to have the greatest potential to provide the best learning environment. As blended learning continues to evolve and expand, it is important that information regarding what constitutes the ideal combination of online and traditional pedagogical strategies in blended education and at all levels is illuminated and shared.

Emerging Techniques and Applications for Blended Learning in K-20 Classrooms is an academic publication that focuses on pedagogical strategies and technologies that have been successfully employed by educators in blended instruction. In addition, the student outcomes from the use of these techniques are presented. Covering a wide range of topics such as gamification, civic education, and critical thinking, this book is essential for academicians, administrators, educators, instructors, researchers, instructional designers, curriculum developers, principals, early childhood educators, higher education faculty, and students.

Topics Covered:

- Blended Learning
- Civic Education
- Critical Thinking
- Foreign Language Learning
- Gamification
- Higher Education
- K-12 Education
- Learning Environments
- Mathematics Education
- Science Education

关于本书编辑:

Lydia Kyei-Blankson is a faculty member at Illinois State University. Dr. Lydia Kyei-Blankson has expertise in research methods, applied statistics, and psychometrics. She teaches graduate courses in research methods and statistics at Illinois State University. Her research interests investigate the underlying factors associated with student academic achievement. She is especially interested in technology use in education to improve student learning and achievement and has co-authored a number of articles in this area.

"[This publication] comes from ***authors who have the skill, or who have experience*** *with blended learning…it is not only for the U.S. but for* ***global knowledge****."*
- Prof. Lydia Kyei-Blankson (Illinois State University, USA)

To learn more about this publication and to hear from Dr. Lydia Kyei-Blankson and other education experts, view the video K-12 Online Learning E-Book Collection: Experts Weigh in on Navigating the "New Norm" of Education.

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Chapter 10: Innovation in Civic Education: Preparing Citizens for a Modern World Prof. Tom Driscoll III, Bristol Warren Regional School District, USA & EdTech Teacher, USA, et al.	**Chapter 11: Inside the Flip: Activities and Motivations in Flipped Classrooms** Prof. Philip Gene Pulley, Fieldcrest CUSD 6, USA

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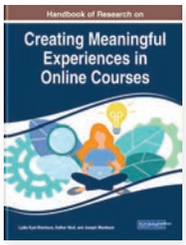

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Care and Culturally Responsive Pedagogy in Online Settings
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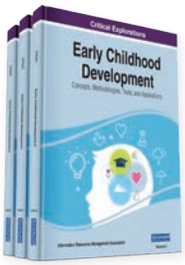

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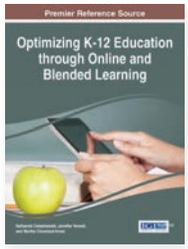

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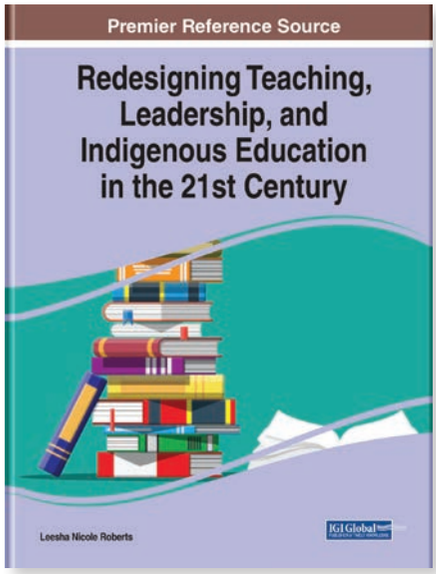

重新设计21世纪的教学、领导和本土教育

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Leesha Nicole Roberts (University of Trinidad and Tobago, Trinidad and Tobago)

Description:

Research in the area of teaching and learning within education is a dynamic area that continues to evolve because of new technologies, knowledge, models, and methods within formal and non-formal educational settings. It is essential to evaluate the changes that educational systems undergo as they adapt to the increasing use of the technology and the flattening of access to education from an international perspective.

Redesigning Teaching, Leadership, and Indigenous Education in the 21st Century is a cutting-edge research publication that provides comprehensive research on the amalgamation of teaching and learning practices at each level of the education system. Highlighting a range of topics such as bibliometrics, indigenous studies, and professional development, this book is ideal for academicians, education professionals, administrators, curriculum developers, classroom designers, professionals, researchers, and students.

ISBN: 9781799855576
Release Date: September, 2020
Copyright: 2021
Pages: 300

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Topics Covered:

- Academic Leadership
- Bibliometrics
- Distributed Leadership
- Early Childhood Curriculum
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- ICT in Education
- Indigenous Students
- Learning Design
- Professional Development
- STEM Education

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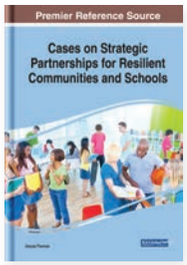


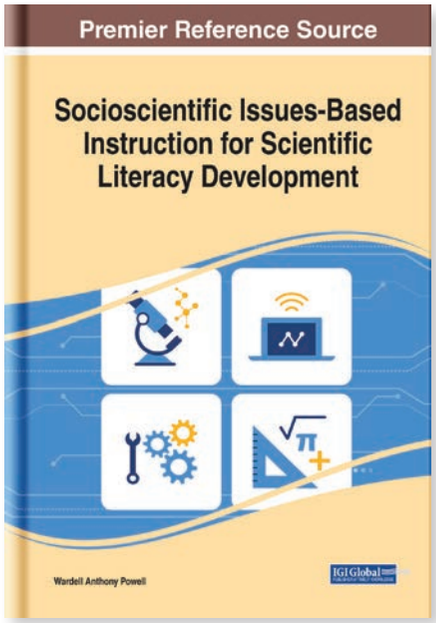
Cases on Strategic Partnerships for Resilient Communities and Schools
© 2020; 339 pp.

People-Centered Approaches Toward the Internationalization of Higher Education
© 2021; 323 pp.

基于社会科学问题的科学素养培养教学

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Wardell A. Powell (Framingham State University, USA)



Description:

Socioscientific issues require individuals to use moral and ethical considerations to help in their evaluation of evidence and decision making, entailing controversial scientific phenomena. Such issues include genetic engineering and biotechnology. Socioscientific issues pedagogy has the potential to enhance students' overall conceptual understanding of scientific phenomena that affect the daily lives of people across the globe.

Socioscientific Issues-Based Instruction for Scientific Literacy Development is a critical scholarly publication that examines the development of a research-based integrated socioscientific issues pedagogy for use in the K-12 system, teacher education preparation, and informal education centers. The publication focuses on science education researchers and pre-service and in-service teachers' abilities to design and implement meaningful learning opportunities for students to use rationalistic, intuitive, and emotive perspectives as they engage in information reasoning on scientific topics, such as climate change and CRISPR, that are of utmost importance. Teachers in the K-12 system and informal education settings will be able to use this text to enhance scientific literacy among their students. Instructors in teacher preparation programs will be able to use this research-based text to improve pre-service and in-service teachers' abilities to use socioscientific issues pedagogy to enhance scientific literacy among K-12 students. Additionally, audiences including researchers, administrators, academicians, policymakers, and students will find this book beneficial for their studies.

Topics Covered:

- Agriculture
- Climate Change
- Collaborative Learning
- Issue-Based Instruction
- K-12 Education
- Model-Based Learning
- Pesticide Use
- Preservice Teachers
- Scientific Literacy
- STEM

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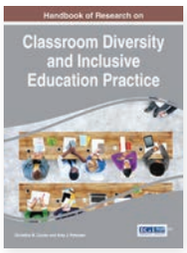
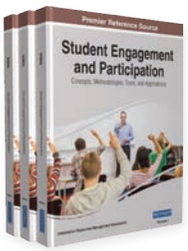
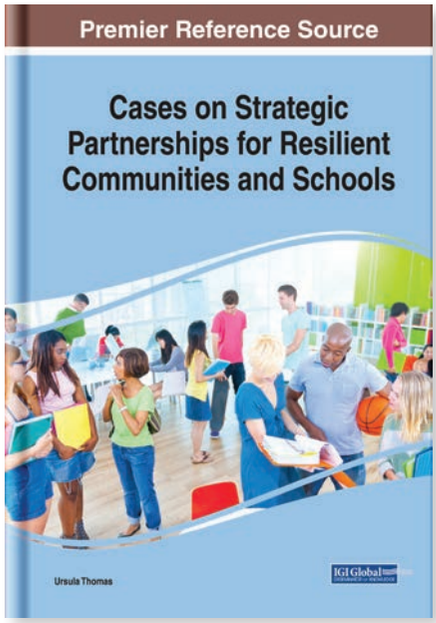


Handbook of Research on Classroom Diversity and Inclusive Education Practice
© 2017; 552 pp.



Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,595 pp.



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弹性社区和学校的战略伙伴关系案例

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Prof. Ursula Thomas (Perimeter College, Georgia State University, USA)

Description:
As the importance of public education increases both globally and nationally, partnerships between schools and their community become key to each other's success. Examining the intersection of schools with their communities reveals the most effective strategies for supporting school populations that are traditionally marginalized or underserved in both rural and urban areas.

Cases on Strategic Partnerships for Resilient Communities and Schools is an essential publication that uncovers the problems and pitfalls of creating strategic partnerships between schools and other members of the community in which the schools are situated that include for-profit businesses, not-for-profit entities, and private organizations. The book reveals that schools that are thriving effectively do not do so in isolation but as vibrant members and centers of the communities in which they serve students and families. Moreover, it examines the difficulty in advocating for the schools and the leadership of the schools within these communities so that they can be better served. Highlighting a wide range of topics including leadership, community-based outreach, and school advocacy, this book is ideally designed for teachers, school administrators, principals, school boards and committees, non-profit administrators, educational advocates, leadership faculty, community engagement directors, community outreach personnel, entrepreneurs, researchers, academicians, and students.

Topics Covered:

- Clinical Outreach
- Community Building
- Community-Based Outreach
- Intervention
- Leadership
- Mentorship
- Nonprofit Partners
- School Advocacy
- Service Learning
- Strategy and Marketing

关于本书编辑:

Ursula Thomas is currently the Associate Chair of Cultural and Behavioral Science-Online and Associate Professor of Education at Georgia State University. Her research interests include early childhood, social justice, culturally relevant pedagogy, cultural mediation, gender issues in curriculum and teaching, service learning, technology and leadership. She has been in the field of education for 25 years. She has served GAEYC, NAEYC and NAECTE as well as local, statewide and national teams and advisory boards.

*"This book is **highly recommended** for colleges of education that offer teacher preparation, educational leadership, and education policy courses and degree programs...This book would be **an effective tool** for field placement and observation courses where students are gaining their first experiences examining the intricate process of planning curriculum and instruction for diverse learners in at-opportunity communities."*

- Dr. Katherine Perrotta, Mercer University, USA

本书章节示例:	
Chapter 2: Scouting as Community Support Opportunities for the Underserved to Exceed Prof. Ursula Thomas, Perimeter College, Georgia State University, USA	**Chapter 4: A Muddied Journey: An Early Childhood Educator's Path Into Building Successful Family Partnerships** Prof. Cherie Crosby, Manor College, USA
Chapter 6: Projecting Success: Reciprocal Relationships and Successful Partnerships Prof. Ursula Thomas, Perimeter College, Georgia State University, USA Prof. Frederick D. Parham, Clark Atlanta University, USA	**Chapter 7: Sports and Mentoring: Beneficial Partnerships for Black Males** Prof. Ursula Thomas, Perimeter College, Georgia State University, USA
Chapter 9: Replicating Success: Sankofa Partnerships of Black Males Prof. Kevin Bean, 100 Black Men of South Metro, USA	**Chapter 10: Streamlined Partnership Development: Transitioning to Inclusive PreKindergarten** Prof. Sandra C. Nichols, University of Southern Mississippi, USA Prof. Sunyoung Kim, University of Illinois at Chicago, USA
Chapter 13: Impact of Dynamic Community Partnerships on STEM Education of Students of Color: Science-Bound Model Prof. Constance P. Hargrave, Iowa State University, USA Prof. Anita D. Rollins, Iowa State University, USA	**Chapter 14: Advocacy From the Ground Up: An Examination of Black Education Advocacy for Equitable School Partnerships** Prof. Andrea N. Smith, University of West Georgia, USA

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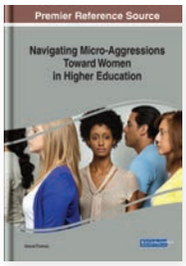

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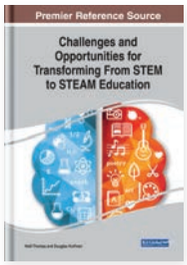
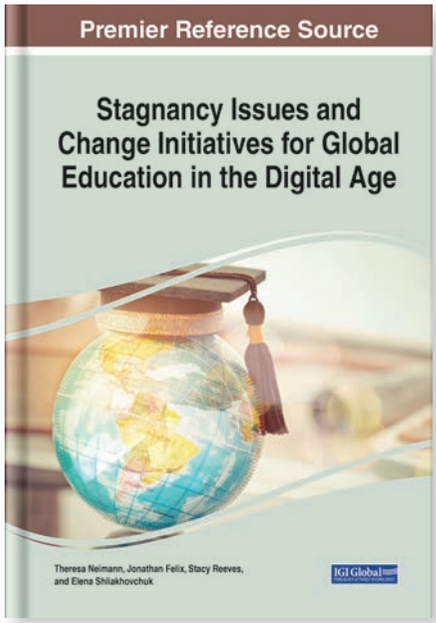


Challenges and Opportunities for Transforming From STEM to STEAM Education
© 2020; 326 pp.



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数字时代全球教育的停滞问题与变革举措

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Theresa Neimann (Oregon State University, USA), Jonathan J. Felix (RMIT University, Vietnam), Stacy Reeves (University of Southern Mississippi, USA), and Elena Shliakhovchuk (Universitat Politècnica de València (UPV), Spain)

Description:

At this juncture in the history and development of education in the digital age, constituents of education systems across the globe are challenged with revising or rediscovering the purpose of educational institutions within societies. Institutions need to retool to include digital games-based and problem-based learning, and education itself must adapt to serve the needs of a diverse student population.

Stagnancy Issues and Change Initiatives for Global Education in the Digital Age is a cutting-edge research publication that explores the complex discourse of trends, shifts, and changes happening in the field of education and to understand the implications for teaching, learning, and professional development. The book helps educators understand how to make their pedagogy and andragogy relevant in the framework of constant technological shifts and changes in order to help students thrive in a global economy. Featuring a wide range of topics such as gamification, pedagogy, and intercultural learning, this book is ideal for curriculum designers, academicians, education professionals, researchers, policymakers, and students.

Topics Covered:

- Academic Advising
- Artistic Engagement
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- Higher Education
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- Intercultural Learning
- Pedagogy
- Telecollaboration
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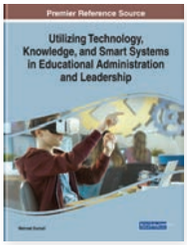
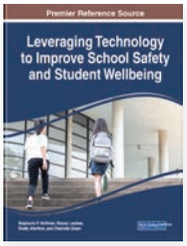


Utilizing Technology, Knowledge, and Smart Systems in Educational Administration and Leadership
© 2020; 371 pp.



Leveraging Technology to Improve School Safety and Student Wellbeing
© 2020; 329 pp.

指导博士后的职业安置、研究和专业化

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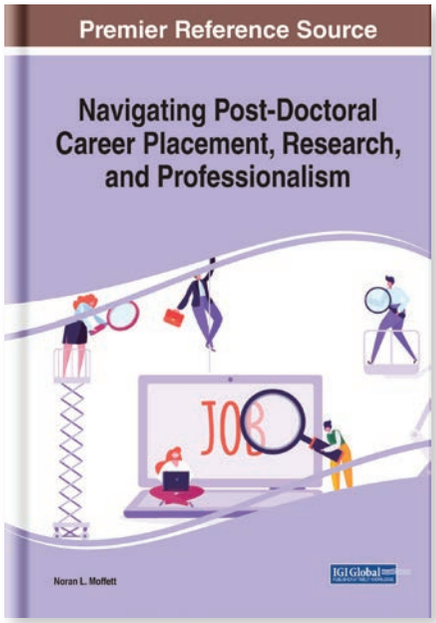
Prof. Noran L. Moffett (Fayetteville State University, USA)



Description:

Upon completion of a doctoral degree, how does the newly-minted doctoral completer move forward with their career? Without a plan, or even a mentor as a guide, the path forward may be filled with a variety of professional and personal challenges to overcome.

Navigating Post-Doctoral Career Placement, Research, and Professionalism is a collection of innovative research on the methods and applications of navigating the post-doc, professional environment while also handling the personal anxieties that accompany this navigation. While highlighting topics including self-care, graduate education, and professional planning, this book is ideally designed for doctoral candidates, program directors, recruitment officers, and postgraduate retention specialists.

Topics Covered:

- Burnout
- Career Identity
- Early Career Planning
- Evaluations
- Faculty Mentorship
- Graduate Education
- Intelligent Career Theory
- Professional Development
- Professional Planning
- Self-Care
- Student Advising

ISBN: 9781799850656
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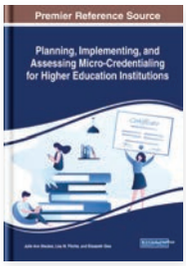
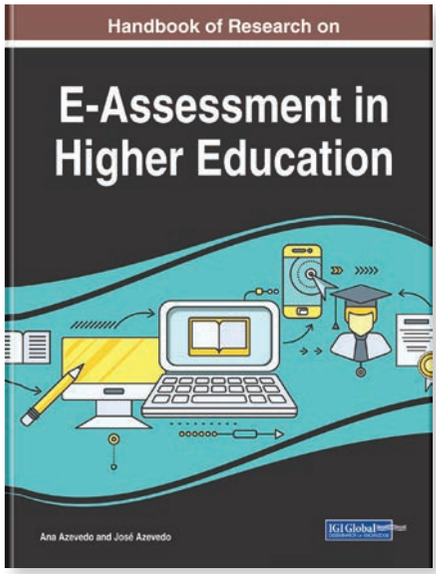


Planning, Implementing, and Assessing Micro-Credentialing for Higher Education Institutions
© 2021; 280 pp.



高等教育电子评估研究手册

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Ana Azevedo (Polytechnic of Porto, Portugal) and José Azevedo (Polytechnic of Porto, Portugal)

Description:

E-assessments of students profoundly influence their motivation and play a key role in the educational process. Adapting assessment techniques to current technological advancements allows for effective pedagogical practices, learning processes, and student engagement.

The **Handbook of Research on E-Assessment in Higher Education** provides emerging perspectives on the theoretical and practical aspects of digital assessment techniques and applications within educational settings. Featuring coverage on a broad range of topics such as competency assessment, adaptive courseware, and learning performance, this publication is ideally designed for educational administrators, educational professionals, teachers and professors, researchers, and graduate-level students seeking current research on comparative studies and the pedagogical issues of online assessment in academic institutions.

ISBN: 9781522559368
Release Date: September, 2018
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Pages: 514

Pricing:

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Topics Covered:

- Adaptive Courseware
- Competency Assessment
- Educational Games
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- Learning Outcomes
- Learning Performance
- Learning Styles
- Natural Language Processing
- Objective Assessment

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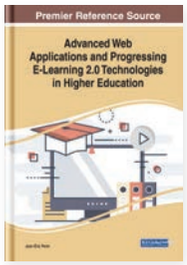

Advanced Web Applications and Progressing E-Learning 2.0 Technologies in Higher Education
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Educational Technology and Resources for Synchronous Learning in Higher Education
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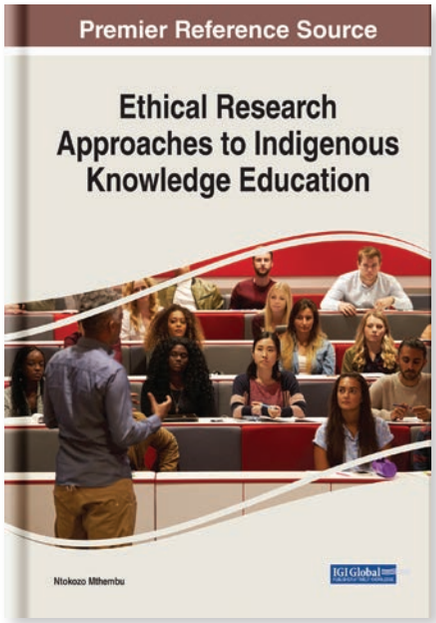
Prof. Ntokozo Mthembu (University of South Africa, South Africa)



Description:

South Africa's recent higher education protests around fees and decolonizing institutions have shone a spotlight on important issues and inspired global discussion. The educational space was the most affected by clashes between languages and ideas, the prioritizing of English and Afrikaans over indigenous African languages, and the prioritizing of Western medicine, literature, arts, culture, and science over African ones.

Ethical Research Approaches to Indigenous Knowledge Education is a cutting-edge scholarly resource that examines forthcoming methodologies and strategies on educational reform and the updating of curricula to accurately reflect cultural shifts. The book examines the bias and problems that bias creates in educational systems around the world that have been dominated by Western forms of knowledge and scientific processes. Featuring a range of topics such as andragogy, indigenous knowledge, and marginalized students, this book is ideal for education professionals, practitioners, curriculum designers, academicians, researchers, administrators, and students.

Topics Covered:

- Afrocentricity
- Andragogy
- Collectivism
- Competency-Based Education
- Curriculum
- Decolonial Curriculum
- Educational Environments
- Ethics
- Higher Education
- Indigenous Knowledge Systems
- Knowledge Production
- Marginalized Students
- Post-Colonial Curriculum

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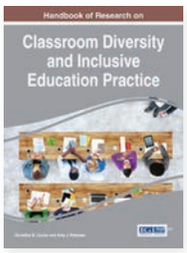

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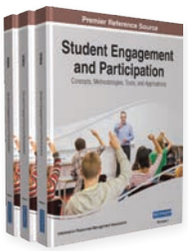

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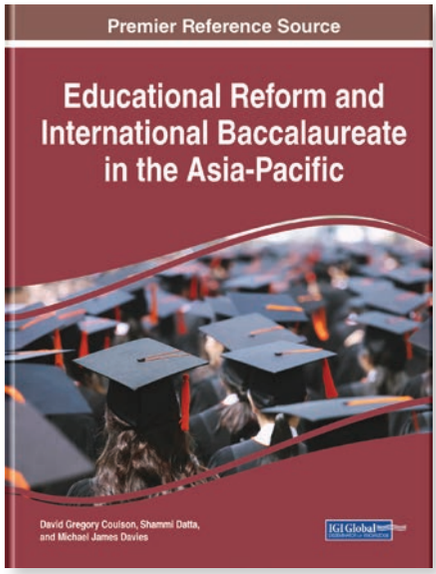

亚太地区的教育改革与国际文凭

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Profs. David Gregory Coulson (Ritsumeikan University, Japan), Shammi Datta (Tokyo Gakugei University, Japan), and Michael James Davies (Ritsumeikan University, Japan)

Description:

The need to reform secondary-level education to prepare young people for new economic realities has emerged. In an age of constant career changing, cognitive flexibility is a top-priority skill to develop in today's students. This shift requires methodological innovation that enhances children's natural abilities as well as updated, focused teacher education in order to prepare them adequately.

Educational Reform and International Baccalaureate in the Asia-Pacific is a collection of innovative research that examines the development and implementation of IB curricula. Highlighting a wide range of topics including critical thinking, student evaluation, and teacher training, this book is ideally designed for educators, curriculum developers, instructional designers, administrative officials, policymakers, researchers, academicians, and students.

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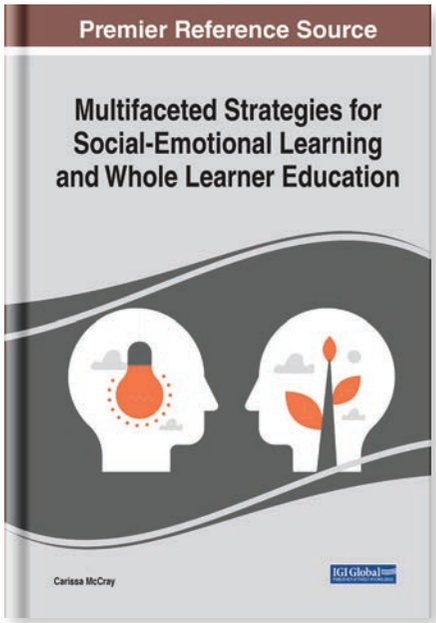
Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Carissa McCray (The Harley-Jackson Foundation, USA)



Description:

With the turmoil and conflict that has been present in recent times, it is imperative that new methods of teaching are explored in order to produce emotionally secure and connected individuals. Social-emotional learning and whole learner education has emerged as a strategy to ensure that students are actively engaged in learning, the school, and their community. It teaches them tactics that allow them to better manage their emotions, maintain positive relationships, and make responsible decisions. It is imperative that the whole learner is supported and encouraged to ensure proper mental health, academic achievement, and social responsibility of current and future generations.

Multifaceted Strategies for Social-Emotional Learning and Whole Learner Education is a critical research publication that supports teachers who wish to utilize these teaching theories to meet their students' needs academically, socially, and emotionally and to ensure that they become lifelong learners. Highlighting topics such as adult learners, professional development, and culturally responsive education, this book is ideal for teachers, guidance counselors, researchers, academicians, and students who want to improve their understanding of learners and their social-emotional growth at various stages of learning, to find strategies that will assist in the development of any learner, and to find strategic models that promote lifelong learning.

Topics Covered:

- Abolitionist Education
- Adult Learners
- Culturally Responsive Education
- Curriculum Development
- English Language Learners
- Gifted Students
- Learning Disabilities
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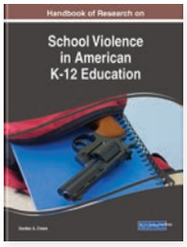

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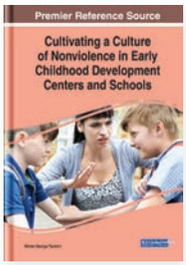

Cultivating a Culture of Nonviolence in Early Childhood Development Centers and Schools
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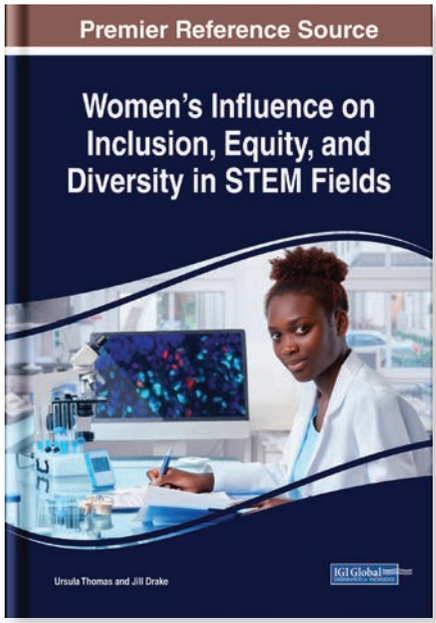

女性对STEM领域的包容性、公平性和多样性的影响

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Profs. Ursula Thomas (Perimeter College, Georgia State University, USA) and Jill Drake (University of West Georgia, USA)

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Description:
Women are typically not well represented in STEM fields. These same women experience difficulties in advocacy and leadership, as well as hiring and promotion. Women of color, regardless of discipline, face this narrative daily and often throughout their entire careers.

Women's Influence on Inclusion, Equity, and Diversity in STEM Fields seeks to critically examine the strategies that women across class and cultural groups use and the struggles they face in order to become successful in professional fields that include business, politics, science, technology, engineering, and mathematics. While highlighting topics that include higher education, workplace perceptions, and information literacy, this publication is ideal for public administrators, human resources professionals, sociologists, academicians, researchers, and students interested in gender studies, public administration, the biological sciences, psychology, computer science, and the STEM fields.

Topics Covered:

- Diversity
- Economics
- Engineering
- Equity
- Gender Bias
- Higher Education
- ICTs
- Immigrants
- Inclusiveness
- Information Literacy
- Knowledge Sharing
- Mathematics
- Nontraditional STEM Career Paths
- Professional Organizations
- Social Determinants
- Science
- Societal Factors
- STEM Careers
- Stereotypes
- Support Systems
- Technology
- Workplace Perceptions

关于本书编辑：

Ursula Thomas is currently the Associate Chair of Cultural and Behavioral Science-Online and Associate Professor of Education at Georgia State University. Her research interests include early childhood, social justice, culturally relevant pedagogy, cultural mediation, gender issues in curriculum and teaching, service learning, technology and leadership. She has been in the field of education for 25 years. She has served GAEYC, NAEYC and NAECTE as well as local, statewide and national teams and advisory boards.

Jill Drake is a mathematics education professor at the University of West Georgia in Carrollton, Georgia. Dr. Drake has served the mathematics education community as a teacher, professor, and consultant for the past 25 years.

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Chapter 5: Creating Support Systems for Black Women in Nontraditional STEM Career Paths Prof. Tokiwa T. Smith, Kemet Educational Services, USA Prof. Natasha N. Johnson, Georgia State University, USA	**Chapter 6: Afro-Caribbean Immigrants in STEM Careers: One Woman's Experience Teaching in a STEM Field** Prof. Beverley-Ann Scott, Independent Researcher, USA
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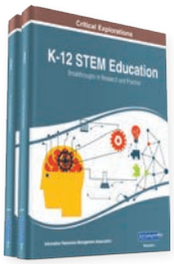

K-12 STEM Education: Breakthroughs in Research and Practice (2 Volumes)
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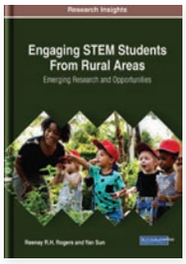

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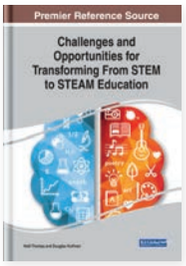

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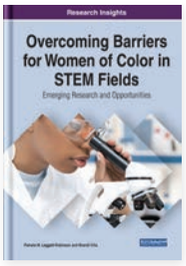

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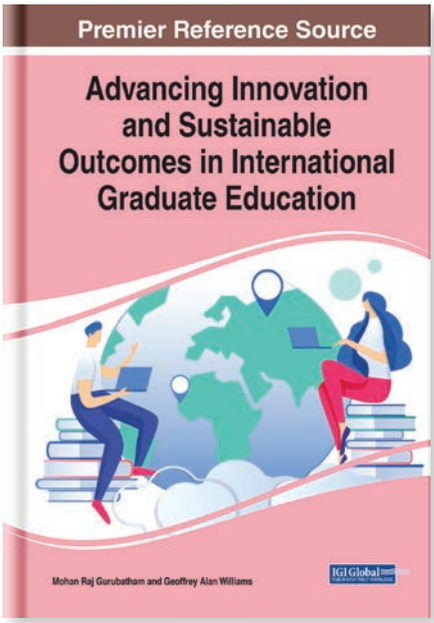

推进国际研究生教育的创新与可持续发展

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Profs. Mohan Raj Gurubatham (HELP University, Malaysia) and Geoffrey Alan Williams (HELP University, Malaysia)

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Description:

The allocation of resources in international universities to adopt and institutionalize solutions must be prioritized above obsolete or wasteful practices. Changing economic and social cultures necessitate new and advancing educational strategies for the promotion of graduate student success.

Advancing Innovation and Sustainable Outcomes in International Graduate Education is a critical scholarly resource that examines the impact of such drivers as technology and the Fourth Industrial Revolution and the need for a new approach to learning that directly impacts the teaching-learning process. Among the drivers that the book examines are the need for higher order and critical thinking, the need for developing cognitive and emotional intelligence with fluid intelligence enabling broad interdisciplinary thinking and wisdom, and the shifting values of millennials concerning the need for new approaches to education and attitudes to work. Underpinning the theme and chapters of this book is the need for ecosystemic thinking for sustainability framed from consciousness-based education. Featuring a wide range of topics such as data analytics, emotional intelligence, and workplace innovation, this book is ideal for educators, researchers, policymakers, curriculum designers, administrators, managers, academicians, and students.

Topics Covered:

- Big Data
- Blended Learning
- Brain Integration
- Consciousness-Based Education
- Cultural Intelligence
- Data Analytics
- Emotional Intelligence
- Graduate Education
- Management Education
- Online Learning
- Practical Intelligence
- Sustainable Development
- Workplace Innovation

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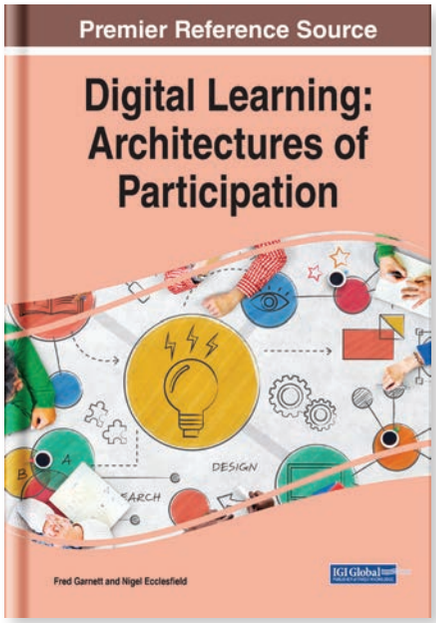

Description:

Educational institutions are ever-changing due to the recent adoption of technology into current educational practices. The application of digital technology into education has propelled this field significantly, as researchers attempt to keep pace with the vast array of technologically-induced learning methods that are being implemented. As education keeps transforming, it would be highly beneficial for instructors and administrators to have a compilation of research that helps predict where digital education is going.

Digital Learning: Architectures of Participation provides emerging research exploring the theoretical and practical aspects of current distance learning models as well as future methods of digital technology adoption within education. This book analyzes specific cases of digital learning models and works to establish future directions of e-learning adoption in institutions worldwide. Featuring coverage on a broad range of topics such as community development, digital practitioners, and educational policy, this book is ideally designed for researchers, administrators, practitioners, instructors, policymakers, theorists, analysts, academicians, and students seeking current research on the future of digital education.

Topics Covered:

- Community Development
- Digital Practitioners
- Digital Transformation Projects
- E-Learning
- E-Maturity
- Educational Policy
- Emergent Learning
- Open Learning
- Organizational Participation
- Teaching Technologies

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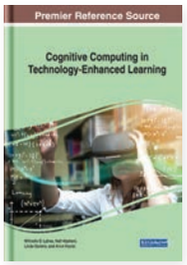

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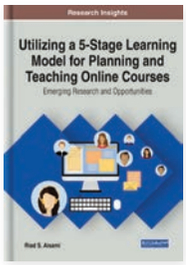

Utilizing a 5-Stage Learning Model for Planning and Teaching Online Courses: Emerging Research and Opportunities
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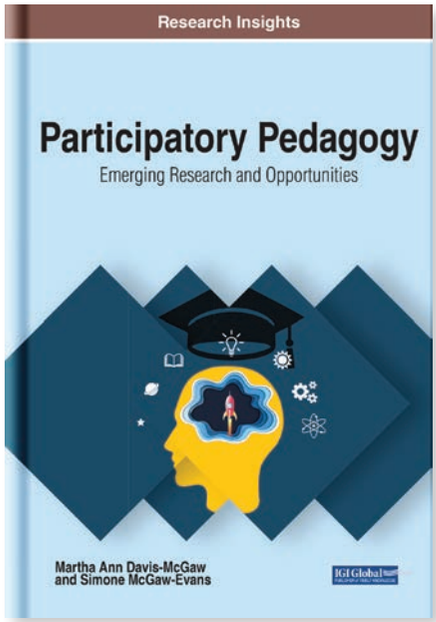

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Description:

The metrics presently being used to gauge student success have become outdated and irrelevant. Enrollment, persistence, and degree attainment are secondary measures, missing entirely the question of whether students are truly achieving an effective life skillset while attempting to complete degree or graduation fulfillment. Student success, and the success of the education system, will be based on collaborative and cooperative efforts by all stakeholders as well as those with vested interests in the future economic development of local communities as well as national development.

Participatory Pedagogy: Emerging Research and Opportunities is an academic research publication that explores educational change and methodologies for the promotion of lifelong learning. Highlighting a wide range of topics such as educational achievement, learning experience, and public education, this book is ideal for teachers, administrators, curriculum developers, education professionals, practitioners, researchers, and students.

Topics Covered:

- Curriculum
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- Education Development
- Educational Achievement
- Learning Environment
- Learning Experience
- Pedagogy
- Public Education
- Teaching Style
- Universal Education

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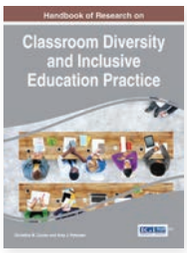

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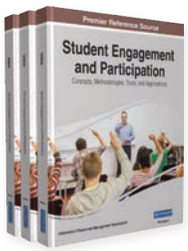

Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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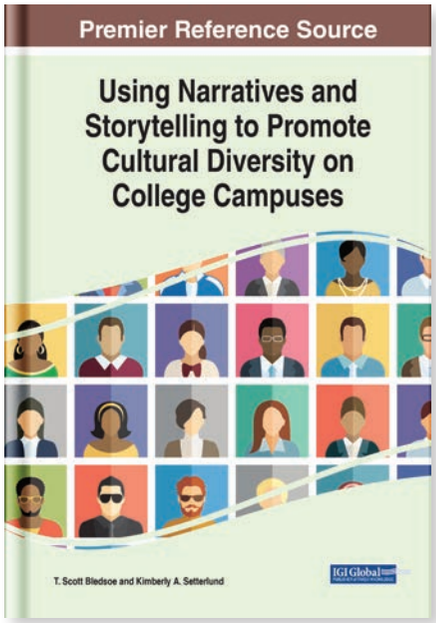

Description:

Stories offer opportunities for listeners to merge the storyteller's experiences with their own, resulting in connections that can turn into life-changing experiences. As listeners and storytellers, it is imperative that we look more closely at the stories and narratives that shape our lives.

Using Narratives and Storytelling to Promote Cultural Diversity on College Campuses is an essential research publication that offers a framework for identifying culture-based narratives. The book follows five college students through a vast array of divergent experiences and provides a comprehensive dialogue about diversity through personal narratives of college faculty, students, staff, and administrators. Highlighting a range of topics including microaggressions, ethnicity, and psychosocial development, this book is ideal for academicians, practitioners, psychologists, sociologists, education professionals, counselors, social work educators, researchers, and students.

Topics Covered:

- Classroom Engagement
- Cultural Diversity
- Ethnicity
- Feminism
- Gender Identity
- Globalization
- Identity
- International Students
- Microagression
- Psychosocial Development
- Religion
- Sexual Identity
- Social Justice

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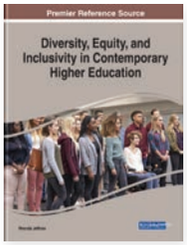

Diversity, Equity, and Inclusivity in Contemporary Higher Education
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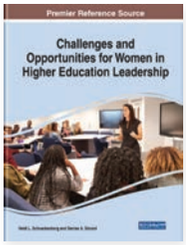

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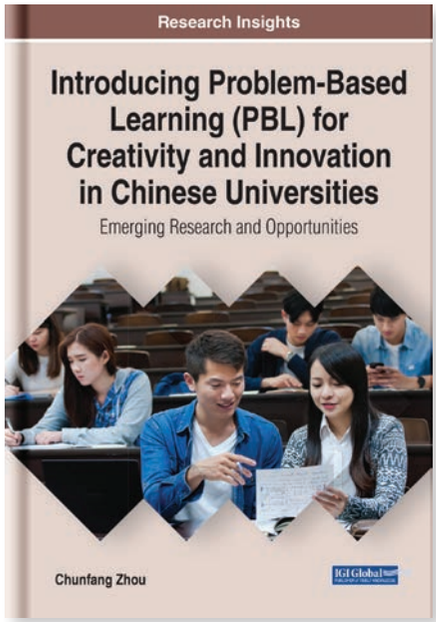

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Prof. Chunfang Zhou (Aalborg University, Denmark)

Description:

Chinese universities are striving to integrate new educational elements such as student-centered learning, group learning, active learning, and learning by doing into current traditional curriculum systems for creativity development among young generations. However, the concept of creativity by its very nature is a complex term of many perspectives. It is necessary to clarify what creativity is, how creativity can be fostered in learning environments, and what universities should do in order to foster creative young talents.

Introducing Problem-Based Learning (PBL) for Creativity and Innovation in Chinese Universities: Emerging Research and Opportunities is a critical scholarly resource that provides a multidimensional understanding on both challenges and opportunities of fostering creativity and PBL in Chinese universities and particularly discusses this implementation in a Chinese cultural context. Though related to a Chinese cultural context, the book can inspire other universities in other cultures, particularly in Asian areas, to learn why PBL is a potential strategy for creativity development and to rethink how to facilitate the innovation capability of universities in the future. Featuring a wide range of topics such as course design, educational technology, and curriculum development, this book is ideal for education professionals, academicians, teaching professors, researchers, administrators, and students.

Topics Covered:

- Administration
- Course Design
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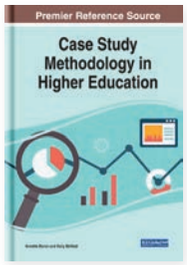

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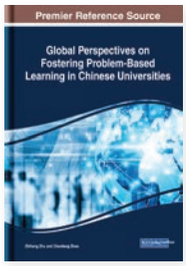

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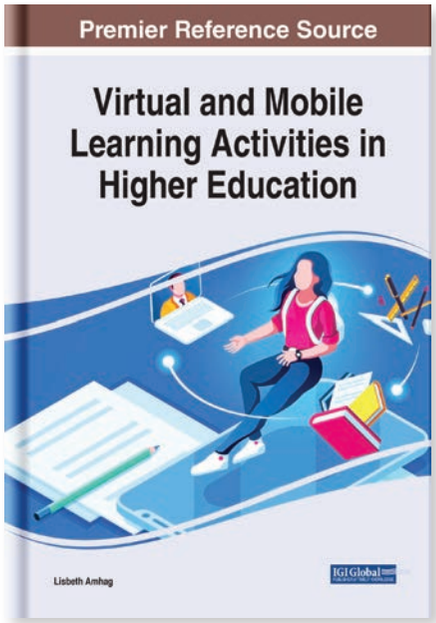
Prof. Lisbeth Amhag (Malmö University, Sweden)



Description:

Digitization has undergone a number of paradigm shifts where structures, processes, and behaviors have changed, including in education. Higher education faces major challenges both pedagogically and technically, but also provides great opportunities to design and teach for self-directed and motivated higher education with smart pedagogy. It is crucial that teachers identify the pedagogical and technological benefits to smart education in order to enhance student-centered learning.

Virtual and Mobile Learning Activities in Higher Education is a pivotal reference source that focuses on virtual and mobile learning activities in higher education for student-centered learning and the ways that teachers can design and use different learning activities, both blended and mobile, for self-directed and motivated "smart" education. Additionally, the book examines how students perceive these activities and how the outcomes can be analyzed in use with adaptive, resource-enriched, and technology-embedded tools. Highlighting a broad range of topics including feedback activities, mobile learning, and self-assessment, this book is ideally designed for educators, curriculum developers, instructional designers, programmers, software developers, administrators, policymakers, researchers, academicians, and students.

Topics Covered:

- Higher Education
- Learning Activities
- Learning Environment
- M-Learning
- Peer Feedback
- Peer Learning
- Self-Assessment
- Smart Education
- Student-Centered Learning
- Virtual Learning

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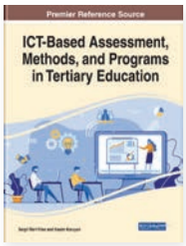

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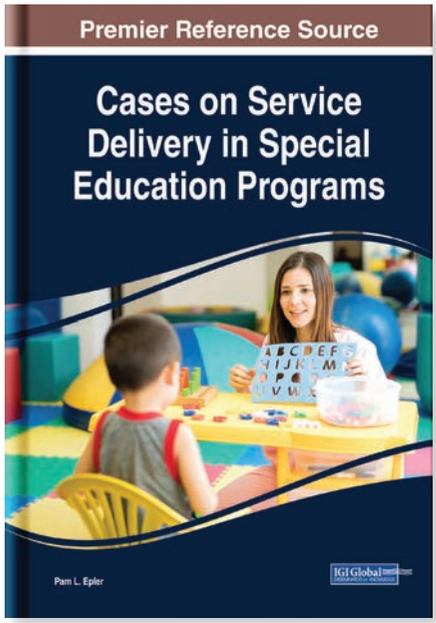

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特殊教育计划中的服务提供案例

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Pam L. Epler (Grand Canyon University, USA)

Description:
Educators are continually pressured to create interesting and educational lessons for students of varying learning abilities. While technology steadily improves classroom learning, education systems struggle to develop more innovative teaching methods for students with disabilities.

Cases on Service Delivery in Special Education Programs compiles real-world case studies on successful classroom models and practices to provide rewarding learning environments for students with disabilities. Addressing topics such as behavior modification, social development, and teacher collaboration, this publication is an essential reference source for special education teachers, supervisors, directors, administrators, principles, and policymakers, as well as academicians and researchers interested in developing special education programs within school districts and classrooms.

Topics Covered:

- Academic Support Services
- Autism Spectrum Disorders
- Behavior Modification
- Common Core Standards
- Diversity
- Emotionally Disturbed Students
- Free and Appropriate Public Education
- Inclusivity
- Individuals with Disabilities Education Act (IDEA)
- K-12 Learning Environments
- Learning Disabilities
- Model vs. Continuum
- Postsecondary Learning Environments
- Service Delivery Models
- Social Development
- Speech Language Pathology
- Students With Special Needs
- Teacher Collaboration
- Team/Collaborative Models

关于本书编辑:

Pam Epler earned her MEd in Special Education from McDaniel College and her PhD in Curriculum and Instruction from Capella University. She currently teaches special education courses at Grand Canyon University in the graduate and doctorate programs and is a dissertation chair. She has published and proffered internationally at the Canadian International Conference on Education and presented nationally at the Council for Exceptional Children (CEC) and on the state level at the Kentucky Association of Teacher Educators. She has been an administrator in both the public and private sectors from elementary through high school levels. Her research interests include Response To Intervention (RTI) strategies, special education teachers' roles in RTI, special education service delivery models, and pre-service teachers' perception of special education students.

To learn more about this publication and to hear from Dr. Pam Epler and other education experts, view the video K-12 Online Learning E-Book Collection: Experts Weigh in on Navigating the "New Norm" of Education.

View Video

本书章节示例:	
Chapter 1: Providing Services to Students With Special Needs Across Various Settings	Chapter 4: Creating a Vision for Special Education Programs
Chapter 7: Case Study Analysis of a Team/Collaborative Model With Specific Learning Disabled Students	Chapter 9: Case Study Analysis of a Behavior Intervention Service Delivery Model With Autism Spectrum Disorder Students
Chapter 11: Case Study Analysis of a Social Skills Service Delivery Model With Intellectually Disabled Students	Chapter 13: Case Study Analysis of a Junior/High School Service Delivery Model
Chapter 14: Postsecondary Service Delivery Models	Chapter 15: Special Education Service Delivery Models Around the Globe

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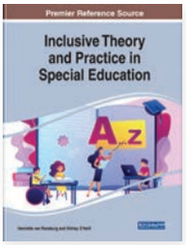

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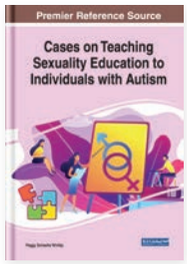

Cases on Teaching Sexuality Education to Individuals With Autism
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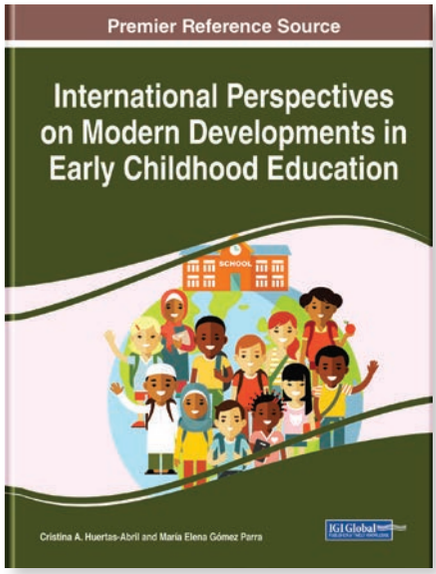

现代幼儿教育发展的国际展望

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Cristina A. Huertas-Abril (University of Córdoba, Spain) and María Elena Gómez-Parra (University of Córdoba, Spain)

Description:

Through different approaches like toys and play, children explore and know the rules and symbols of their communities and recreate roles and situations that reflect their sociocultural and 21st century plurilingual world. As a result, they learn how to subordinate desires to social rules, cooperate with others willingly, and engage in socially appropriate behavior. When they are evaluated together psychologically, there is a current need for action to increase the amount and quality of play provided to children. Since discrepancies are observed between urban and rural areas, as well as among different cultures, there is also a need for a research initiative where cultures can learn and take advantage of the experiences of each other.

International Perspectives on Modern Developments in Early Childhood Education is an essential scholarly publication that identifies ways of intertwining key areas of early childhood education, including international approaches, intercultural education, bilingual/plurilingual education, and the role of play and toys as means for meaningful intercultural and multilingual learning. By incorporating a view of different cultures, societies, languages, and educational experiences in early childhood education, this volume provides data for international and intercultural exchange for the benefit of children. Highlighting a range of topics such as educational systems, play therapy, and games, this book is ideal for early childhood teachers, educators, academicians, researchers, professionals, psychologists, sociologists, and students.

ISBN: 9781799825036
Release Date: June, 2020
Copyright: 2020
Pages: 343

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- Games
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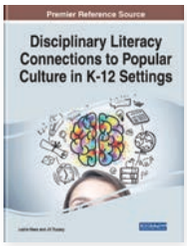
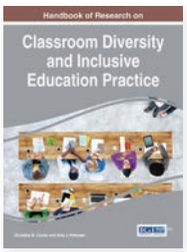


Disciplinary Literacy Connections to Popular Culture in K-12 Settings
© 2021; 300 pp.



Handbook of Research on Classroom Diversity and Inclusive Education Practice
© 2017; 552 pp.

促进移民社区语言平等实践研究手册

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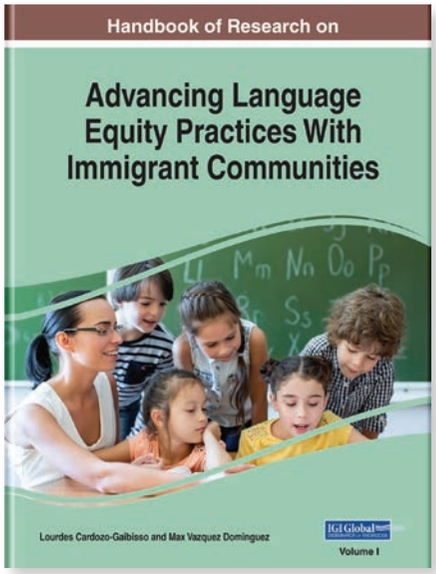
Profs. Lourdes Cardozo-Gaibisso (Universidad ORT Uruguay, Uruguay) and Max Vazquez Dominguez (University of North Georgia, USA)



Description:

Research on linguistically and culturally sustaining education has recently placed increased attention on the need to rethink the field by promoting more equitable linguistic pedagogical opportunities for all students, including immigrant and newcomer youth. It has been evident for some time that immigration patterns around the globe have been increasingly shifting, posing a new challenge to educators. As a result, there is a gap in the literature that is meant to address educational practices for immigrant communities comprehensively.

The **Handbook of Research on Advancing Language Equity Practices With Immigrant Communities** is a critical scholarly book that explores issues of linguistic and educational equity with immigrant communities around the globe in an effort to improve the teaching and learning of immigrant communities. Featuring a wide range of topics such as higher education, instructional design, and language learning, this book is ideal for academicians, teachers, administrators, instructional designers, curriculum developers, researchers, and students in the fields of linguistics, anthropology, sociology, educational policy, and discourse analysis.

ISBN: 9781799834489
Release Date: June, 2020
Copyright: 2020
Pages: 433

Pricing:

Hardcover: US $245.00
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Topics Covered:

- Bilingual Psychologists
- Higher Education
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- Multilingual Narrative
- Pedagogy

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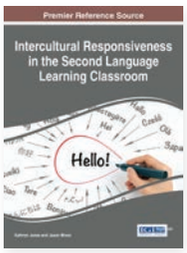

Intercultural Responsiveness in the Second Language Learning Classroom
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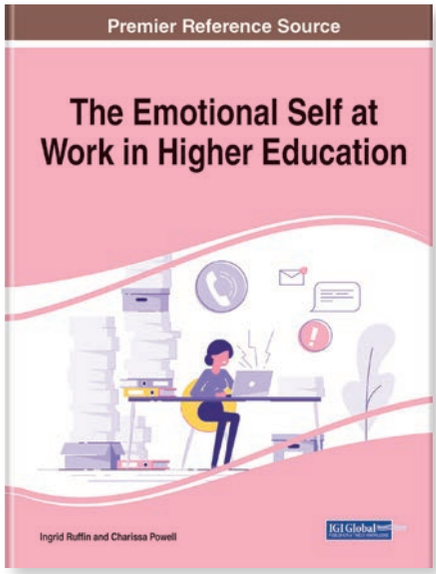

高校工作中的情感自我

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Profs. Ingrid Ruffin (University of Tennessee, Knoxville, USA) and Charissa Powell (University of Tennessee, Knoxville, USA)

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Description:

The many and varied challenges facing higher education include a culture of publish or perish, increased course loads without more pay or benefits, increased pressure on institutions to compete for students, budget cuts, a political atmosphere targeting higher education, and continued systemic inequities. Those who work in higher ed are under more stress today than ever before. It has never been more important to understand and address

The Emotional Self at Work in Higher Education is an essential research publication that generates conversations around the practical implementation of healthy emotional workspace practices in the sphere of higher education and investigates tools, frameworks, and case studies that can create a sustainable and healthy work environment. It moves beyond addressing emotional intelligence to addressing the awakening of a greater sense of the emotional self. Featuring a wide range of topics such as distance education, mindfulness, and artificial intelligence, this book is ideal for educators, researchers, academicians, administrators, and students.

Topics Covered:

- Artificial Intelligence
- Distance Education
- Emotional Intelligence
- Empathy
- Identity
- Mental Health
- Mentoring
- Mindfulness
- PTSD
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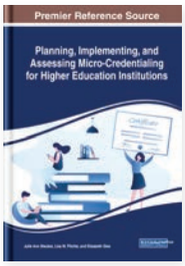
Related Books

Handbook of Research on Promoting Higher-Order Skills and Global Competencies in Life and Work
© 2019; 418 pp.



Planning, Implementing, and Assessing Micro-Credentialing for Higher Education Institutions
© 2021; 280 pp.

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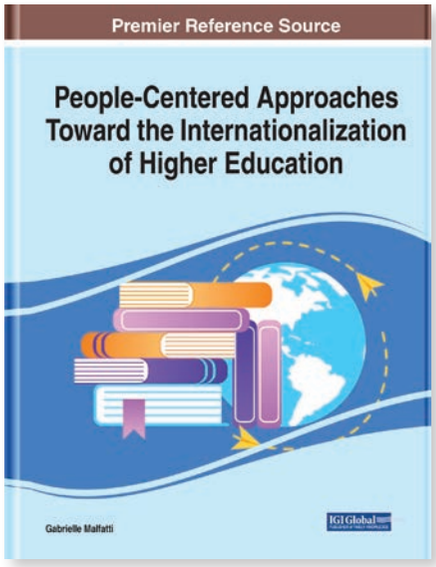
Prof. Gabrielle Malfatti (University of Missouri, USA)



Description:

Traditionally, internationalization efforts in higher education have been rooted in (neo)liberal transactional models that restrict or compromise the space for meaningful exchanges of socio-cultural capital. Recently, researchers and practitioners in the international education field have taken issue with programming and practices in education abroad; international student recruitment; and internationalization of the curricula that perpetuate systems of imbalance, fossilize prejudices, adversely impact host communities abroad, and limit student learning to the confines of the Western epistemological traditions. As a result, scholars and practitioners are creating new paradigms for engagement and exchange.

People-Centered Approaches Toward the Internationalization of Higher Education is an essential scholarly publication that examines the praxis of internationalization in higher education with empirical research and relevant models of practice that approach the topic critically and responsibly. The book innovates and (re)humanizes internationalization efforts, including education abroad, international recruitment, international scholar and student services, and internationalization of curriculum, by focusing on the people and communities touched, intentionally and unintentionally, by said efforts. It is ideal for higher education faculty, education professionals, academic advisors, academicians, administrators, curriculum designers, researchers, and students.

ISBN: 9781799837961
Release Date: August, 2020
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Pages: 323

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Topics Covered:

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- Culturally Relevant Curricula
- Diversity
- Education Leadership
- Equity
- Higher Education
- International Politics
- Internationalization
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- Service Learning
- Study Abroad
- Sustainability
- Transformative Learning

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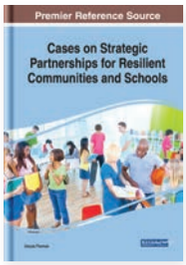

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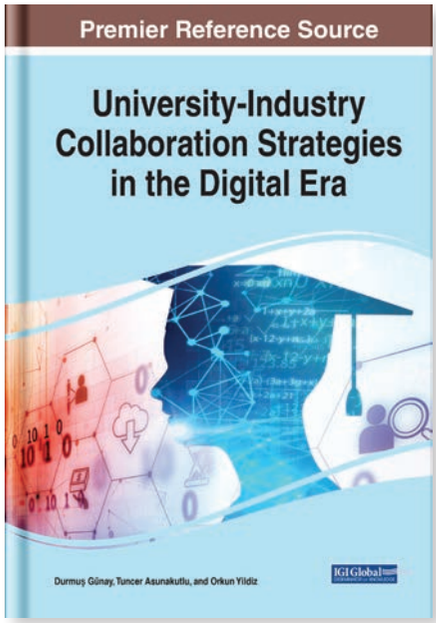

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Profs. Durmuş Günay (Maltepe University, Turkey), Tuncer Asunakutlu (İzmir Bakircay University, Turkey), and Orkun Yildiz (Izmir Democracy University, Turkey)

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Release Date: September, 2020
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Description:

Competitive strategies and higher education-industry collaboration policies are playing a vital role in fostering the reputation and international rankings of higher education institutions. The positive impact of these policies may best be observed in the economic and social outputs of many countries such as the USA, Singapore, South Korea, and European Union (EU) countries such as Belgium, Germany, France, and the Netherlands. However, the number of academic publications that specifically concentrate on the impact of these policies on higher education institutions and authorities remains relatively limited.

University-Industry Collaboration Strategies in the Digital Era is an essential research publication that provides comprehensive research on competitive strategies for higher education institutions that will allow them to forge beneficial partnerships with industries that will have a significant impact on their success. Highlighting a wide range of topics such as human resource management, network planning, and institutional structure, this book is ideal for administrators, education professionals, academicians, researchers, policymakers, and students.

Topics Covered:

- Cluster Strategies
- Educational Technology
- Higher Education
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- Institutional Structure
- Knowledge Management
- Network Planning
- Policy
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- Venture Capital

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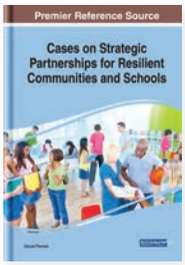

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评估个性化学习中的原则和最佳实践

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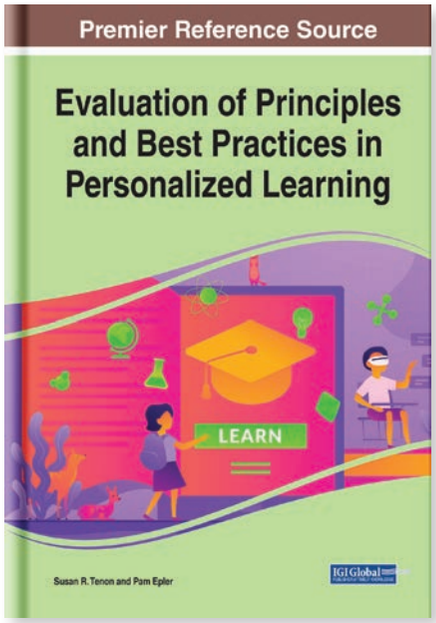

Description:

A tremendous amount of money is being steered toward personalized learning (PL) initiatives at the federal, state, and local levels, and it is important to understand the return on the investment in students' futures. It is only through rigorous discussions that educators and policymakers will be able to determine if PL is a passing fad or if it possesses the staying power necessary to show a positive impact on student achievement.

Evaluation of Principles and Best Practices in Personalized Learning is a critical scholarly publication that explores the modern push for schools to implement PL environments and the continuing research to understand the best strategies and implementation methods for personalizing education. It seeks to begin creating a standardized language and standardized approach to the PL initiative and to investigate the implications it has on the educational system. Additionally, this book adds to the professional discussion of PL by looking at both the advantages and disadvantages of PL, the teacher's role in PL, creating a PL program to scale, the role of technology and PL, the special education population and PL, emerging research on PL, and case studies involving PL. Featuring research on a wide range of topics such as blended learning, preservice teachers, and special education, this book is ideal for teachers, administrators, academicians, policymakers, researchers, and students.

ISBN: 9781799842378
Release Date: June, 2020
Copyright: 2020
Pages: 240

Pricing:

Hardcover: US $165.00
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Topics Covered:

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- Educational Technology
- Pedagogy
- Personalized Learning
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- Professional Development
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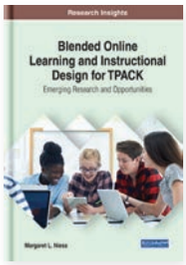

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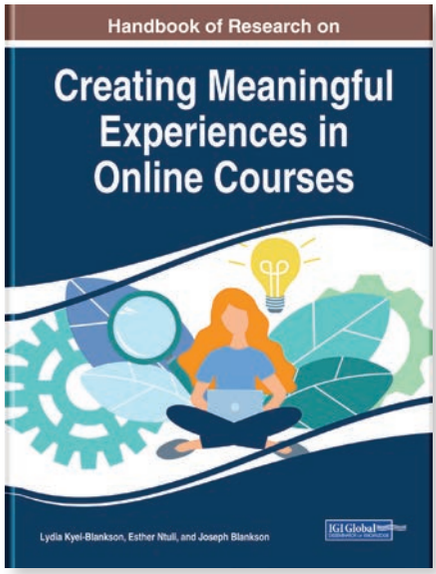

在网络课程创造有意义经验的研究手册

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Profs. Lydia Kyei-Blankson (Illinois State University, USA), Esther Ntuli (Idaho State University, USA), and Joseph Blankson (Ohio Northern University, USA)

ISBN: 9781799801153
Release Date: November, 2019
Copyright: 2020
Pages: 355

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

While online courses are said to be beneficial and many reputable brick and mortar higher education institutions are now offering undergraduate and graduate programs online, there is still ongoing debate on issues related to credibility and acceptability. There is some reluctance to teach online and to admit and hire students who have enrolled in online programs. Given these concerns, it is essential that educators in online communities continue to share the significant learning experiences and outcomes that occur in online classrooms and highlight pedagogical practices used by online instructors to make their courses and programs comparable to those offered face-to-face.

The **Handbook of Research on Creating Meaningful Experiences in Online Courses** is a comprehensive research book that examines the quality of courses in higher education that are offered exclusively online and details strategies and practices used by online instructors to create meaningful teaching and learning experiences in online courses. Featuring a range of topics such as gamification, professional development, and learning outcomes, this book is ideal for academicians, researchers, educators, administrators, instructional designers, curriculum developers, higher education faculty, and students.

Topics Covered:

- Curriculum Design
- Digital Courses
- Distance Education
- Faith-Based Education
- Gamification
- Higher Education
- Learning Outcomes
- Online Education
- Professional Development
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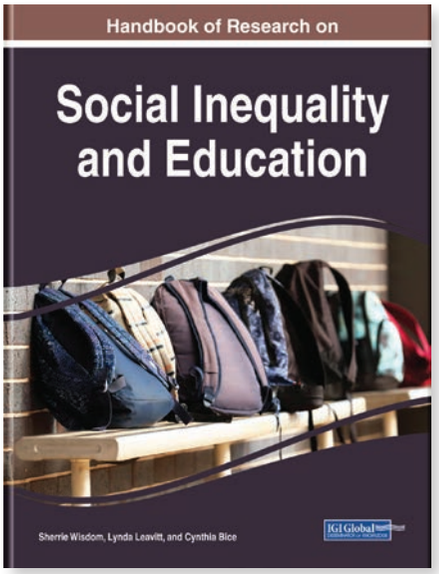
Profs. Sherrie Wisdom (Lindenwood University, USA), Lynda Leavitt (Lindenwood University, USA), and Cynthia Bice (Miami Dade College, USA)



Description:

In comparing one public school to another, discussions frequently include talk concerning the socioeconomics of a school or district, which then leads to talk about the advantages that one socioeconomic setting has over another. Educators tend to agree that low academic achievement frequently associated with a low socioeconomic status is a characteristic difficult to resolve for a population of school children.

The **Handbook of Research on Social Inequality and Education** is a critical reference source that provides insights into social influences on school and educational settings. Featuring an array of topics including online learning, social mobility, and teacher preparation, this book is excellent for educational leaders, educational researchers, teachers, academicians, administrators, instructional designers, and teacher preparation programs.

Topics Covered:

- Curriculum Design
- Higher Education
- Online Learning
- School Reform
- Social Inequalities
- Social Mobility
- Socioeconomics
- Student Achievement
- Teacher Preparation
- Virtual Learning

"This book presents the reader with the identification of problems related to education and inequality, but more importantly, ***relays the research toward the resolutions of this global injustice.****"*

- Prof. Carla Mueller (Lindenwood University, USA)

ISBN: 9781522591085
Release Date: June, 2019
Copyright: 2019
Pages: 556

Pricing:

Hardcover: US $245.00
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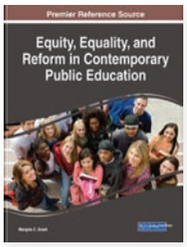

Equity, Equality, and Reform in Contemporary Public Education
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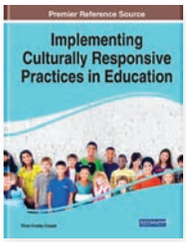

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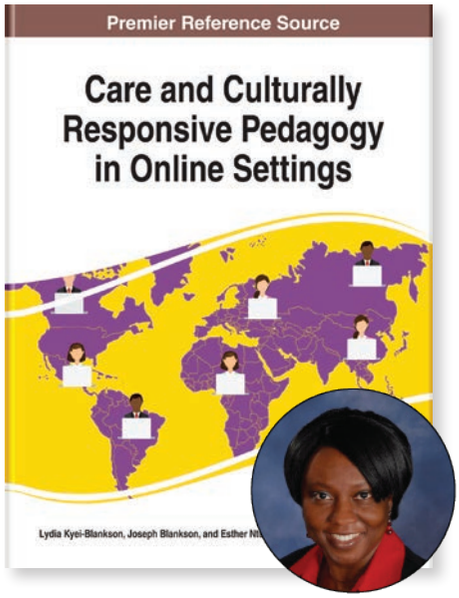

网络环境中的关怀与文化响应教育学

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Lydia Kyei-Blankson (Illinois State University, USA), Joseph Blankson (Ohio Northern University, USA), and Esther Ntuli (Idaho State University, USA)

Description:

Due to the recent increase in digital education technologies, online education classes have been experiencing a popularity increase among students worldwide. As classroom diversity continues to expand, instructors grapple with strategies to create caring and culturally responsive educational environments to increase student engagement irrespective of their demographic composition.

Care and Culturally Responsive Pedagogy in Online Settings is a collection of innovative research on the incorporation of culturally sensitive teaching practices in online classrooms and how these methods have had an impact on student learning. Contributed by education experts from the USA, UK, and more, this publication provides comprehensive coverage on topics including faculty teaching, restorative justice, nontraditional students, and more, making it a valuable resource for instructors, researchers, instructional designers, administrators, policymakers, and students seeking current research on online educators incorporating care and culturally responsive pedagogy.

ISBN: 9781522578024
Release Date: April, 2019
Copyright: 2019
Pages: 423

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
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Topics Covered:

- Culturally Responsive Teaching
- Educator Preparation
- Faculty Teaching
- Higher Education
- Instructional Disengagement
- Nontraditional Students
- Psychological Distress
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- Training Stratagems

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© 2016; 611 pp.

User-Centered Design Strategies for Massive Open Online Courses (MOOCs)
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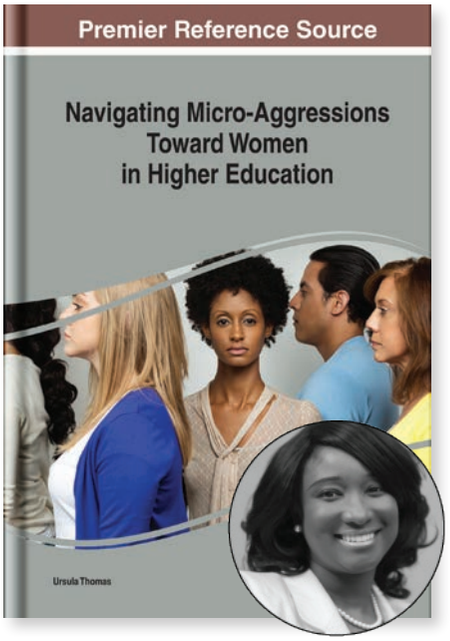
在高等教育中引导女性微观侵略

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Ursula Thomas (Georgia Perimeter College, USA)



Description:

Gender and diversity are crucial areas that require more attention in multiple academic settings. As more women progress into leadership positions in academia, it becomes necessary to develop solutions geared specifically toward success for females in such environments.

Navigating Micro-Aggressions Toward Women in Higher Education provides innovative insights into the institutionalized racism against women of color in higher education institutions. The content within this publication offers information on the historical vestiges of racist and sexist ideologies and why women of color are underrepresented in various levels of higher education leadership. It is a vital reference source for educational administrators, professors, higher education professionals, academicians, and researchers seeking information on gender studies and women's roles in higher education.

Topics Covered:

- Academic Leadership
- Collective Movement Activism
- Cultural Taxation
- Discrimination
- Oppression
- Race and Gender
- Racial Disparity
- Racial Microaggressions
- Social Isolation

ISBN: 9781522559429
Release Date: September, 2018
Copyright: 2019
Pages: 304

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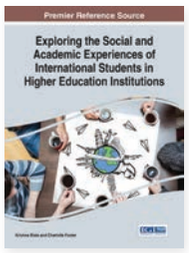

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
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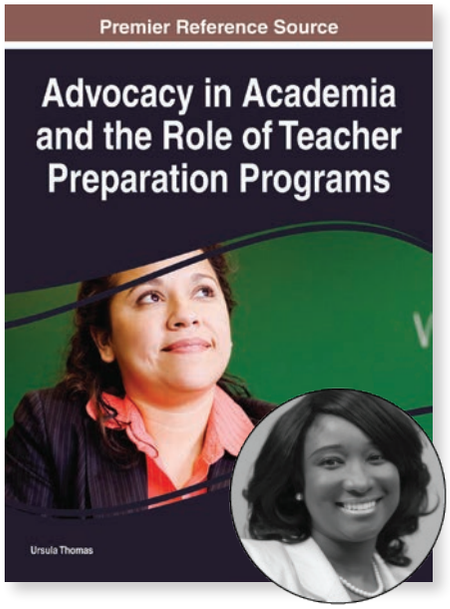

ISBN: 9781522529064
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在学术界的倡导和教师准备课程的作用

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Ursula Thomas (Perimeter College, Georgia State University, USA)

Description:

Due to changes in funding and legislation, educating as a career has become unstable. It is imperative to establish a culture that values education in order to encourage pursuing and preserving the profession of teaching.

Advocacy in Academia and the Role of Teacher Preparation Programs is an essential reference source for the latest scholarly research on the need of support for students and faculty by examining policy, student engagement, professorial activism, and integrated allied services. Featuring extensive coverage on a broad range of topics such as student success, specialty programs, and service learning, this publication is ideally designed for academicians, researchers, and practitioners seeking current research on issues of advocacy in education.

Topics Covered:

- Cultural Sensitivity
- Experiential Learning
- Informal Learning
- Professional Organizations
- Racial Inclusion
- Service Learning
- Specialty Programs
- Student Success

*"**The timing could not be more crucial** for preparation programs to reassess how they prepare preservice teachers leaders to become **advocates for social justice** as pressure to raise test scores takes more and more of the teachers' time."*
- Prof. Noelle W. Arnold (The Ohio State University, USA)

Related Books

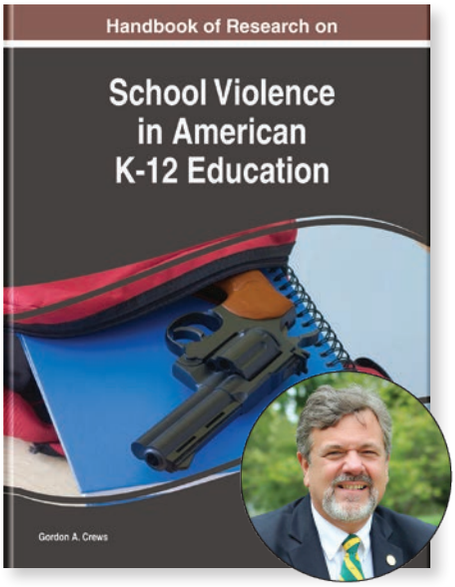
Handbook of Research on Global Issues in Next-Generation Teacher Education
© 2016; 418 pp.

Preparing Foreign Language Teachers for Next-Generation Education
© 2017; 313 pp.

美国K-12教育中学校暴力研究手册

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Gordon A. Crews (The University of Texas Rio Grande Valley, USA)



Description:

In recent years, the United States has seen a vast increase in bloodshed stemming from violence within the education system. Understanding the underlying factors behind these atrocities may be the first step in preventing more brutality in the future.

The **Handbook of Research on School Violence in American K-12 Education** provides emerging research exploring the theoretical and practical aspects of the phenomena of school violence through the lens of social science and humanities perspectives. Featuring coverage on a broad range of topics such as preventative measures, cyberbullying, minority issues, risk factors, and dealing with the traumatic aftermath of such events, this book is ideally designed for researchers, students, psychologists, sociologists, teachers, law enforcement, school counselors, policymakers, and administrators seeking current research on the interconnectedness between families, schools, bullying, and subsequent violence.

ISBN: 9781522562467
Release Date: October, 2018
Copyright: 2019
Pages: 610

Pricing:

Hardcover: US $275.00
E-Book: US $275.00

Topics Covered:

- Counseling
- Crime Prevention Through Environmental Design (CPTED)
- Criminal Justice
- Cyberbullying
- Emergency Management
- Family Dynamics
- Impacted Groups
- Juvenile Theories
- Labeling Theory
- Law Enforcement
- Mass Incarceration
- Mass Violence
- Minority Issues
- Perpetrator Characteristics
- Prevention Strategies
- Psychology
- Racial and Ethnic Minority Students
- Risk Factors
- Stereotyping and Misconceptions
- Threat Assessment
- Victim-Offender Overlap
- Youth Prison Schools
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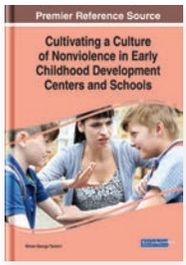

Cultivating a Culture of Nonviolence in Early Childhood Development Centers and Schools
© 2019; 322 pp.

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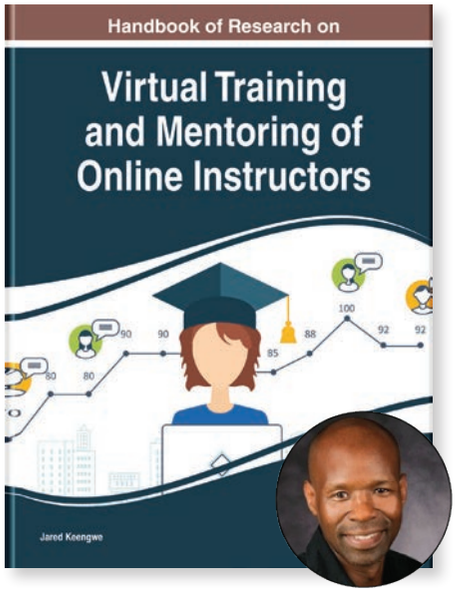

在线教师的虚拟培训和指导研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Jared Keengwe (University of North Dakota, USA)

ISBN: 9781522563228
Release Date: July, 2018
Copyright: 2019
Pages: 511

Pricing:

Hardcover: US $225.00
E-Book: US $225.00

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Description:

To meet the dynamic academic demands of twenty-first century digital learners, many institutions of higher learning are offering more online classes than ever before that are accessible to both traditional and non-traditional learners. As such, a growing demand for online courses implies that participating institutions provide faculty with appropriate professional development programs to ensure the design and delivery of quality online courses.

The **Handbook of Research on Virtual Training and Mentoring of Online Instructors** is a critical scholarly resource that highlights the issues, challenges, and online engagement experiences to enhance effective teaching and learning in this learning environment. Featuring coverage on a broad range of topics such as media literacy, professional development, and virtual learning environments, this book is geared towards educational administrators, educators, and instructional designers interested in quality online instruction.

Topics Covered:

- Blended Mentoring
- Individualized Education Program
- Media Literacy
- Online Teaching and Learning
- Professional Development
- Synchronous Learning
- Transformative Learning
- Virtual Learning Environments

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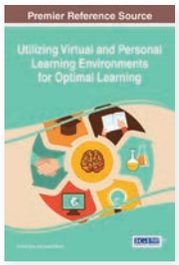


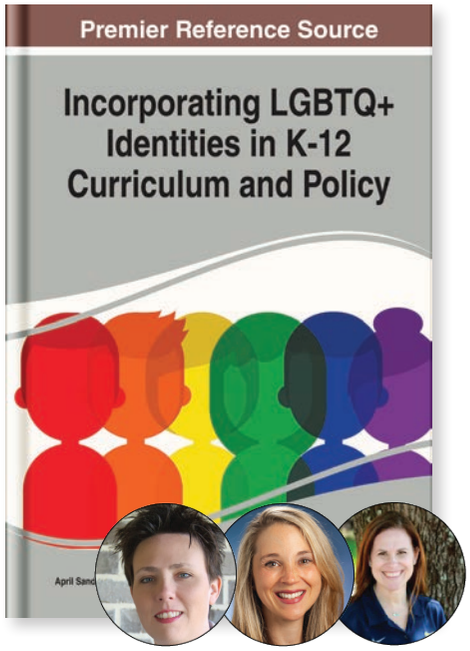
Utilizing Virtual and Personal Learning Environments for Optimal Learning
© 2016; 375 pp.

Cases on Smart Learning Environments
© 2019; 421 pp.

将LGBTQ+身份纳入K-12年级课程与政策

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. April Sanders (Spring Hill College, USA), Laura Isbell (Texas A&M University, Commerce, USA), and Kathryn Dixon (Texas A&M University, Commerce, USA)



Description:

Educators in the K-12 school environment work diligently to help at-risk students find success in the classroom. One particular group of at-risk students is the LGBTQ+ population. K-12 students who identify as lesbian, gay, bisexual, transgender, or queer often fear the repercussions of disclosing this information in the classroom environment. Homophobia from fellow students, faculty, and/or administrators can be in the form of bullying, lack of acknowledgement of identity, absence in curriculum, etc. There is a strong need for this group of students to be included in the landscape of curriculum design and policymaking.

Incorporating LGBTQ+ Identities in K-12 Curriculum and Policy is a critical research publication that provides comprehensive research on inclusive curriculum design and education policy that specifically impacts LGBTQ+ students. Featuring an array of topics such as gender diversity, mental health services, and preservice teachers, this book is essential for teachers, counsellors, school psychologists, therapists, curriculum developers, instructional designers, principals, school boards, academicians, researchers, administrators, policymakers, and students.

ISBN: 9781799814047
Release Date: December, 2019
Copyright: 2020
Pages: 381

Pricing:

Hardcover: US $185.00
Softcover: US $140.00
E-Book: US $185.00

Topics Covered:

- Censorship
- Curriculum Design
- Education Policy
- Gender Diversity
- Homophobia
- K-12 Education
- LGBTQ+
- Mental Health Services
- Preservice Teachers
- School Librarians

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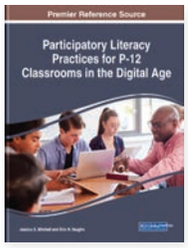

Participatory Literacy Practices for P-12 Classrooms in the Digital Age
© 2020; 286 pp.

Handbook of Research on Global Issues in Next-Generation Teacher Education
© 2016; 418 pp.

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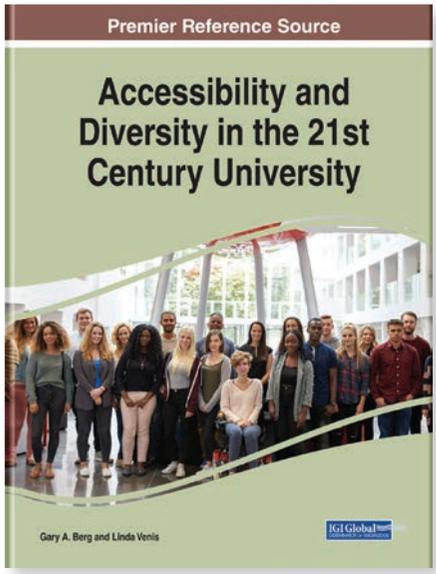

21世纪大学的可达性与多样性

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Gary A. Berg (California State University Channel Islands (Retired), USA) and Linda Venis (UCLA (Retired), USA)

Description:

In higher education institutions across the world, rapid changes are occurring as the socio-economic composition of these universities is shifting. The participation of females, ethnic minority groups, and low-income students has increased exponentially, leading to major changes in student activities, curriculum, and overall campus culture. Significant research is a necessity for understanding the need of broader educational access and promoting a newly empowered diverse population of students in today's universities.

Accessibility and Diversity in the 21st Century University is a pivotal reference source that provides vital research on the provision of higher educational access to a more diverse population with a specific focus on the growing population of women in the university, key intersections with race and sexual preference, and the experiences of low-income students, mid-career and reentry students, and special needs populations. While highlighting topics such as adult learning, race-based achievement gaps, and women's studies, this publication is ideally designed for educators, higher education faculty, deans, provosts, chancellors, policymakers, sociologists, anthropologists, researchers, scholars, and students seeking current research on modern advancements of diversity in higher education systems.

ISBN: 9781799827832
Release Date: May, 2020
Copyright: 2020
Pages: 331

Pricing:

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Softcover: US $150.00
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Topics Covered:

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- DACA-Mexico Origin Students
- Low-Income Students
- Minority STEM Students
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- Students With Disabilities
- Under Representation of Latina Faculty
- Women in Executive Leadership

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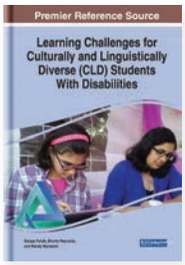
© 2020; 320 pp.



Learning Challenges for Culturally and Linguistically Diverse (CLD) Students With Disabilities
© 2020; 337 pp.

领导学生成功的学术指导经验研究手册

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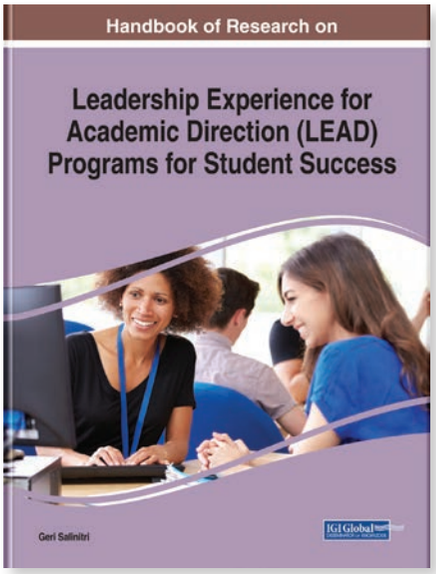

Description:

Leadership Experience for Academic Directions (LEAD) is a program that was developed as a service learning program for teacher candidates in preparation for the teaching career. As youth populations continue to diversify and as the issues impacting youth continue to surface, it is the responsibility of educators, administrators, and the governments to provide all the opportunities for youth to succeed academically, socially, and personally. Teachers especially are instrumental in making this happen; therefore, it is imperative that teachers come into the profession with the cognitive and non-cognitive skills to motivate youth to succeed.

The **Handbook of Research on Leadership Experience for Academic Direction (LEAD) Programs for Student Success** s a critical scholarly book that explores the many facets of the teaching profession as they relate to working with at-risk youth and helping them reach their full potential. This book provides the groundwork for programs that will succeed at the K-12 education level and at the teacher education level. Featuring a range of topics such as human capital, mental health, and social learning theory, this book is essential for academicians, teaching professionals, administrators, professional development educators, policymakers, researchers, and students.

ISBN: 9781799824305
Release Date: February, 2020
Copyright: 2020
Pages: 474

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Career Education
- Dialogic Teaching
- Human Capital
- K-12 Education
- Leadership Styles
- Mental Health
- Outdoor and Experiential Education (OEE)
- School Counselors
- Service Learning
- Social Learning Theory
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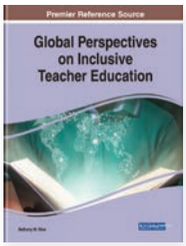
© 2019; 2,262 pp.



Global Perspectives on Inclusive Teacher Education
© 2019; 340 pp.

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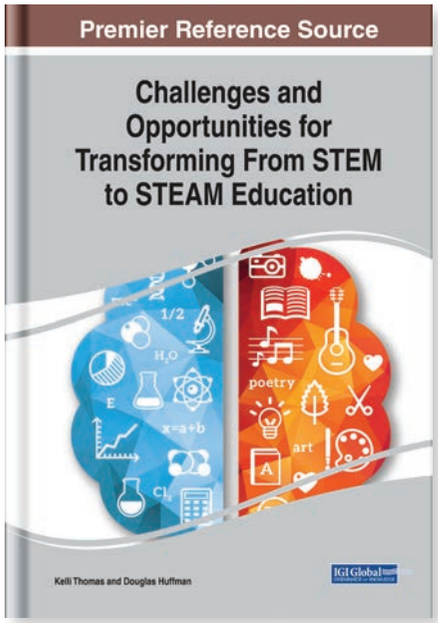

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Pages: 326

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从STEM教育向STEAM教育转变的挑战与机遇

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Kelli Thomas (University of Kansas, USA) and Douglas Huffman (University of Kansas, USA)

Description:
The addition of the arts to STEM education, now known as STEAM, adds a new dimension to problem-solving within those fields, offering students tools such as imagination and resourcefulness to incorporate into their designs. However, the shift from STEM to STEAM has changed what it means for students to learn within and across these disciplines. Redesigning curricula to include the arts is the next step in preparing students throughout all levels of education.

Challenges and Opportunities for Transforming From STEM to STEAM Education is a pivotal reference source that examines the challenges and opportunities presented in redesigning STEM education to include creativity, innovation, and design from the arts including new approaches to STEAM and their practical applications in the classroom. While highlighting topics including curriculum design, teacher preparation, and PreK-20 education, this book is ideally designed for teachers, curriculum developers, instructional designers, deans, museum educators, policymakers, administrators, researchers, academicians, and students.

Topics Covered:

- Arts Education
- Curriculum Design
- Engineering Education
- In-Service Teacher Preparation
- Mathematics Education
- Pre-Service Teacher Preparation
- PreK-20 Education
- Science Education
- STEAM Education Programs
- Technology Education

关于本书编辑：

Kelli Thomas, Ph.D., is Associate Dean for Teacher Education and Undergraduate Programs in the School of Education and Human Sciences at the University of Kansas and Associate Professor of Mathematics Education in the Department of Curriculum and Teaching. Dr. Thomas's professional work has focused on mathematics teaching, learning, and assessment in schools for more than 25 years. She has been involved in educator preparation and professional development of educators in university and K-12 settings. Her work is published in journals such as *Journal of Educational Research, School Science and Mathematics, Teaching Children Mathematics, Action in Teacher Education, American Journal of Evaluation, New Directions for Evaluation, and Teacher Education & Practice*.

Dr. Douglas Huffman teaches courses in elementary education and has expertise in assessment and program evaluation. Dr. Huffman previously served as the associate editor for the *Journal of Research in Science Teaching*. Additionally, he has publications in numerous journals, such as the *American Journal of Evaluation, Journal of Research in Science Teaching School Science & Mathematics*, and the *Journal of Science Teacher Education*.

本书章节示例：

Chapter 1: Designing STEAM Learning Environments Prof. Haidee A. Jackson, University of Kansas, USA, et al.	**Chapter 2: Tools to Mediate Learning and Self-Assessment in a STEAM Unit of Work** Prof. Kate Thompson, Queensland University of Technology, Australia, et al.
Chapter 4: Science Cartoons (SciToons): A Model for Integrating Arts With STEM Prof. Oludurotimi Adetunji, Brown University, USA Prof. Roger Levine, Independent Researcher, USA	**Chapter 5: Becoming STEAM: Perspectives From School Leaders** Prof. Kelli Thomas, University of Kansas, USA Prof. Douglas Huffman, University of Kansas, USA
Chapter 7: A Laboratory for Creativity: How Youth Thrive With Design Thinking and STEAM Education Prof. Neal Barbour, Lawrence Arts Center, USA Prof. Becky Eason, Wordcraft LLC, USA	**Chapter 9: The Transdisciplinary Nature of STEAM Education: Integrating STEAM in Pre-Service Teacher Education** Prof. Douglas Huffman, University of Kansas, USA Prof. Kelli Thomas, University of Kansas, USA Prof. James D. Basham, University of Kansas, USA
Chapter 10: Using Arts Education in STEM With the Science and Engineering Practice of Developing and Using Models Prof. Lizette A. Burks, University of Arkansas, USA	**Chapter 11: Learning From Place: Developing a Relationship With the Land and Our Partners** Prof. Kevin O'Connor, Mount Royal University, Canada, et al.

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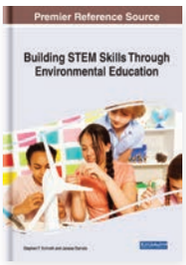

Building STEM Skills Through Environmental Education
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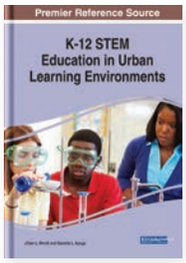

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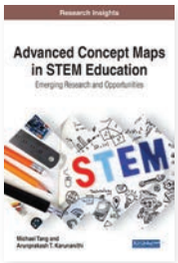

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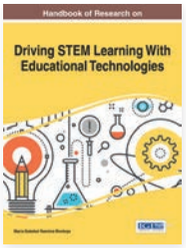

Handbook of Research on Driving STEM Learning With Educational Technologies
© 2017; 590 pp.

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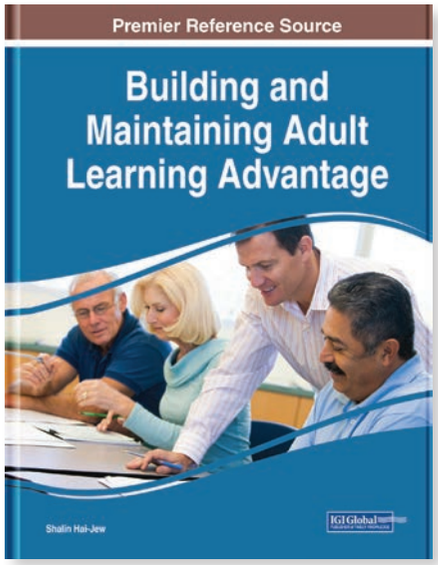

建立和保持成人学习优势

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Shalin Hai-Jew (Kansas State University, USA)

Description:

Adult learning ability is by and large considered a “net good” and is established through extra resources, the cultivation of experiences, and services like tutoring and test-taking. However, even with the proliferation of such tools, there is no single solution that can address the needs of a broad population of students. To address each learner’s individual needs, educators must equip themselves with as many methods as they can to ensure learners’ success.

Building and Maintaining Adult Learning Advantage is an essential publication that covers the varied facets of adult learning as well as how to keep learners on the cutting edge of their education. While covering a broad range of topics including collaborative learning, development motivation, and learning advantage constraints, this book introduces new, innovative strategies and methods for creating adult learner advantage. This book is ideally designed for educators, curriculum developers, instructional designers, digital content developers, analysts, administrators, researchers, academicians, and students.

ISBN: 9781799845164
Release Date: June, 2020
Copyright: 2020
Pages: 311

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Topics Covered:

- Adult Learner Readiness
- Applied Contexts
- Applied Skills
- Blended Learning
- Collaborative Learning
- Comparative Advantage
- Creative Thinking
- Curriculum Development
- Development Motivation
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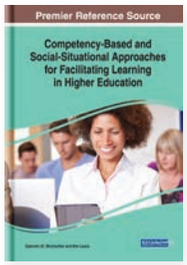

Competency-Based and Social-Situational Approaches for Facilitating Learning in Higher Education
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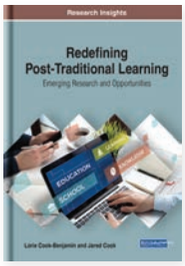

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P-12教育计算思维教学工具研究手册

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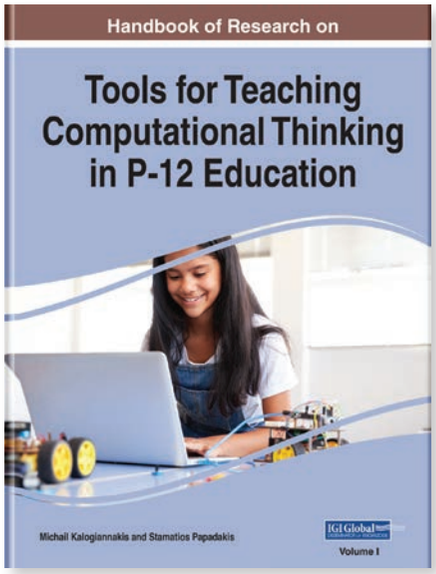
Profs. Michail Kalogiannakis (University of Crete, Greece) and Stamatios Papadakis (University of Crete, Greece)



Description:

While the growth of computational thinking has brought new awareness to the importance of computing education, it has also created new challenges. Many educational initiatives focus solely on the programming aspects, such as variables, loops, conditionals, parallelism, operators, and data handling, divorcing computing from real-world contexts and applications. This decontextualization threatens to make learners believe that they do not need to learn computing, as they cannot envision a future in which they will need to use it, just as many see math and physics education as unnecessary.

The **Handbook of Research on Tools for Teaching Computational Thinking in P-12 Education** is a cutting-edge research publication that examines the implementation of computational thinking into school curriculum in order to develop creative problem-solving skills and to build a computational identity which will allow for future STEM growth. Moreover, the book advocates for a new approach to computing education that argues that while learning about computing, young people should also have opportunities to create with computing, which will have a direct impact on their lives and their communities. Featuring a wide range of topics such as assessment, digital teaching, and educational robotics, this book is ideal for academicians, instructional designers, teachers, education professionals, administrators, researchers, and students.

ISBN: 9781799845768
Release Date: June, 2020
Copyright: 2020
Pages: 568

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Academic Success
- Assessment
- Computational Thinking
- Computer Education
- Demographics
- Digital Teaching
- Educational Robotics
- Folk Culture
- Non-Formal Learning
- P-12 Education
- STEM Education

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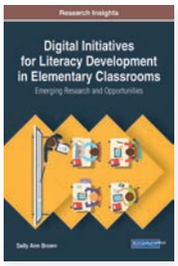

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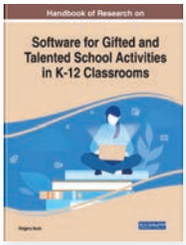

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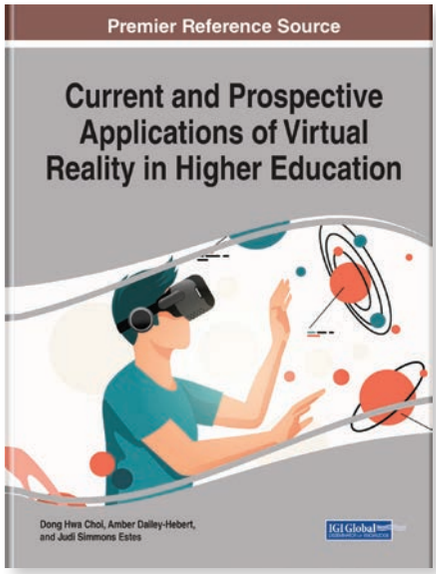

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Profs. Dong Hwa Choi (Park University, USA), Amber Dailey-Hebert (Park University, USA), and Judi Simmons Estes (Park University, USA)

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Description:

For the last decade, virtual reality has been utilized in diverse fields such as entertainment, medicine, and industry. Recently, virtual reality has been applied in educational settings in order to transform student learning and experiences through such methods as building prototypes using digital devices or exploring new cultures through immersive interactions. Teachers who can incorporate virtual reality into their classrooms can provide their students with more meaningful learning experiences and can witness higher engagement.

Current and Prospective Applications of Virtual Reality in Higher Education is a cutting-edge academic research book that provides comprehensive research on the integration of virtual reality in education programs and establishes foundations for course design, program development, and institutional strategic planning. The book covers an overall understanding and approach to virtual reality in education, specific applications of using virtual reality in higher education, and prospects and issues of virtual reality in the future. Highlighting a wide range of topics such as gamification, teacher training, and virtual reality, this book is ideal for teachers, instructional designers, curriculum developers, academicians, program developers, administrators, educational software developers, policymakers, researchers, education professionals, and students.

Topics Covered:

- Diversity
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- K-12 Education
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- Teacher Training
- Virtual Classroom
- Virtual Learning
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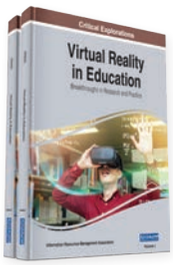

Virtual Reality in Education: Breakthroughs in Research and Practice (2 Vols.)
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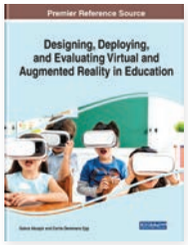

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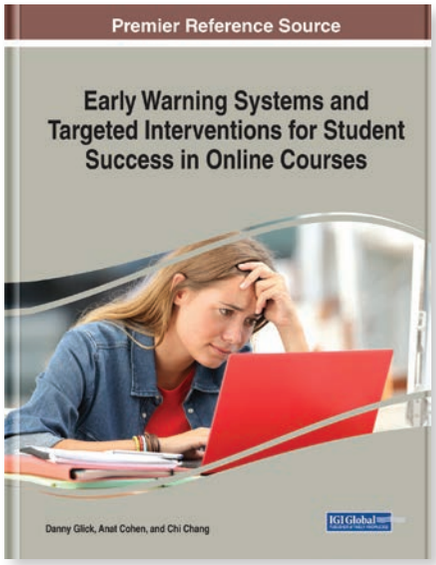
Profs. Danny Glick (University of California, Irvine, USA), Anat Cohen (Tel Aviv University, Israel), and Chi Chang (Michigan State University, USA)



Description:

Early Warning Systems and Targeted Interventions for Student Success in Online Courses is a cutting-edge research publication that examines current theoretical frameworks, research projects, and empirical studies related to the design, implementation, and evaluation of early warning systems and targeted interventions and discusses their implications for policy and practice. Moreover, this book will review common challenges of early warning systems and dashboard design and will explore design principles and data visualization tools to make data more understandable and, therefore, more actionable. Highlighting a range of topics such as curriculum design, game-based learning, and learning support, it is ideal for academicians, policymakers, administrators, researchers, education professionals, instructional designers, data analysts, and students.

Topics Covered:

- Apps
- Curriculum Design
- Early Warning System
- Game-Based Learning
- Higher Education
- Instructional Strategies
- Learning Analytics
- Learning Environment
- Learning Support
- Online Learner Engagement

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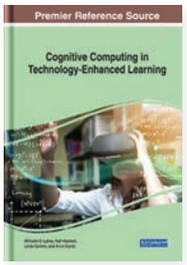
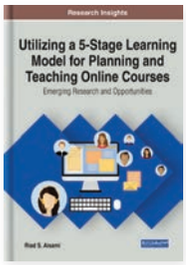


Cognitive Computing in Technology-Enhanced Learning
© 2019; 345 pp.



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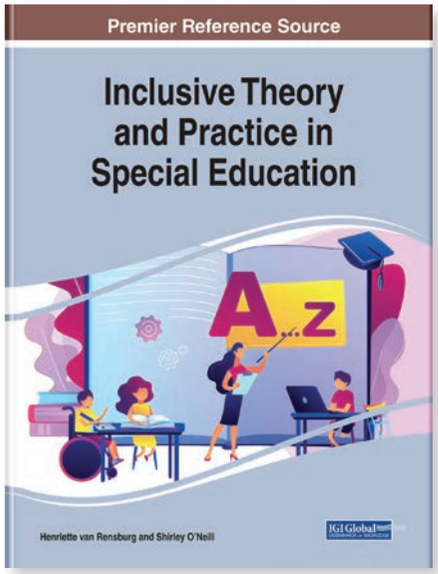

特殊教育中的包容性理论与实践

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Henriette van Rensburg (University of Southern Queensland, Australia) and Shirley O'Neill (University of Southern Queensland, Australia)

ISBN: 9781799829010
Release Date: January, 2020
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Pages: 425

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Description:
Inclusive education retains significant complexity associated with creating a definition, and there is significant importance within the surrounding narratives reflecting the broader definitions. Due to the flexibility within the definition, investigating current practices across an array of definitions becomes essential to developing best practices in special education.

Inclusive Theory and Practice in Special Education is an essential research book that examines current shifts in the field within the overarching philosophy of inclusion and inclusive education. It reports recent research that focuses on the experiences of teachers and students in classrooms and ways of enhancing the practices of inservice teachers and early career teachers, as well as the preparation of preservice teachers. Besides presenting research from these perspectives, it also addresses a selection of broader issues that impact on policy and curriculum, thus identifying related concerns, including those of the wider community. Highlighting a wide range of topics such as learning disabilities, student mobility, and early childhood education, this publication is ideal for researchers, professionals, administrators, curriculum designers, academicians, policymakers, and students.

Topics Covered:

- Autism
- Community Engagement
- Curriculum
- Early Childhood Education
- Learning Disabilities
- Lifelong Learning
- Literacy
- Pedagogy
- Policy
- Student Mobility
- Teacher Education

关于本书编辑:

Henriette van Rensburg, PhD, is an Associate Professor of Digital Literacies and Inclusion, in the School of Education in the Faculty of Faculty of Business, Education, Law and Arts at the Toowoomba campus of the University of Southern Queensland, Australia. Her research interests include linguistics, international and specialist education, as well as postgraduate education. Henriette has published research on Computer Assisted Language Learning (CALL), and the postgraduate and higher degrees journey. Her PhD research was in the specific field of computer-aided education for milieu-deprived learners in mathematics in the senior primary phase.

Shirley O'Neill is Professor of Language and Literacies in the School of Linguistics, Adult and Specialist Education, and the Coordinator of the Applied Linguistics Discipline at the University of Southern Queensland. Her research and teaching includes learning and assessment, school improvement, GAMMA pedagogy, ESL/EFL learners, and service learning. She has extensive experience in research and evaluation, assessment and teaching/teacher professional development and has worked in schools in Australia and the UK, and in school review, curriculum and policy development, and student assessment state-wide. Dr O'Neill is founder and co-president of the International Society for Leadership in Pedagogies and Learning, and founder and Editor-in-Chief of the peer reviewed cross-disciplinary *International Journal of Pedagogies and Learning*.

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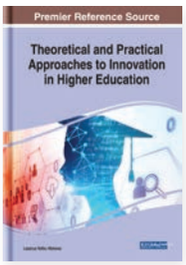

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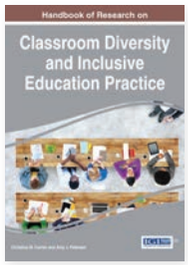

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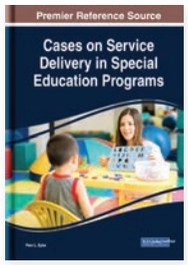

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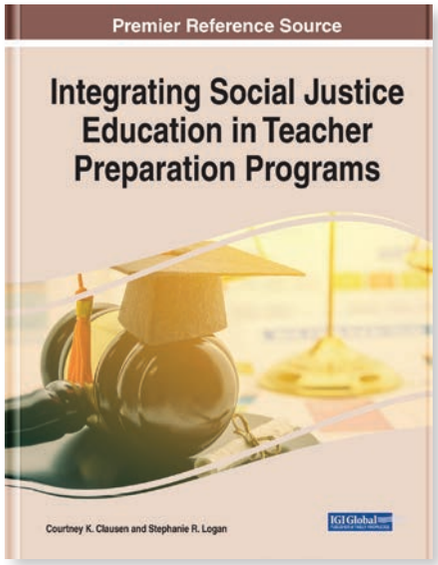

教师预备课程整合社会公平教育研究手册

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Courtney K. Clausen (Utah State University, USA) and Stephanie R. Logan (Springfield College, USA)

Description:

Due to the increasingly diverse populations found in Pre-K-12 education, it is imperative that teacher educators prepare preservice teachers to meet the shifting needs of changing student populations. Through the integration of social justice education, teacher educators can challenge the mainstream curriculum with a lens of equity and collaborative equality. Handbook of Research on

Integrating Social Justice Education in Teacher Preparation Programs is a critical research book that explores the preparation and teaching methods of educators for including social justice curriculum. Highlighting a wide range of topics such as ethics, language-based learning, and feminism, this book is ideal for academicians, curriculum designers, social scientists, teacher educators, researchers, and students.

ISBN: 9781799850984
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Pages: 340

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Topics Covered:

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Professional and Ethical Consideration for Early Childhood Leaders

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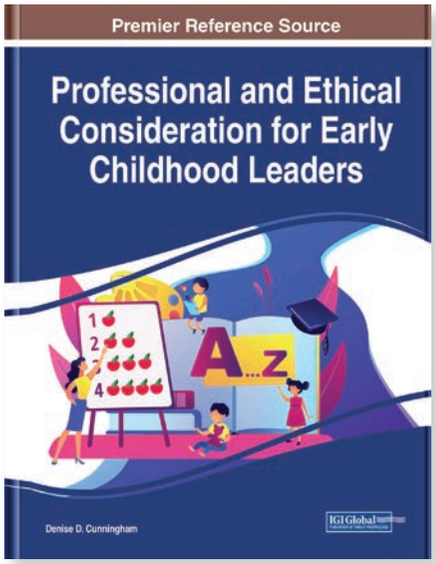
Prof. Denise D. Cunningham (Missouri State University, USA)



Description:

Professional and Ethical Consideration for Early Childhood Leaders is a collection of innovative research that crafts an overall understanding of the importance of early childhood leadership in today's schools. The book employs strategies to improve support for children in early childhood years, examines the different roles of early childhood leadership, analyzes best practices for implementation in early childhood contexts, and explores improvements for leadership preparation for schools with pre-k through third-grade children. While highlighting a wide range of topics including advocacy, cultural responses, and professional development, this publication is ideally designed for educators, administrators, principals, early childhood development teachers, daycare instructors, curriculum developers, advocates, researchers, academicians, and students.

Topics Covered:

- Advocacy
- Alternative Certification
- Cultural Responses
- Early Childhood Testing
- Leadership
- Networking and Collaboration
- Pedagogy
- Policy Design
- Professional Development
- Quality Improvement
- Socio-Emotional Support
- Stress and Trauma

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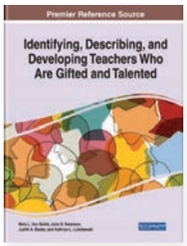

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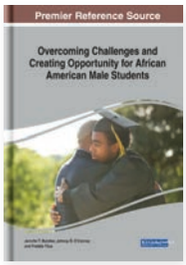
© 2019; 302 pp.



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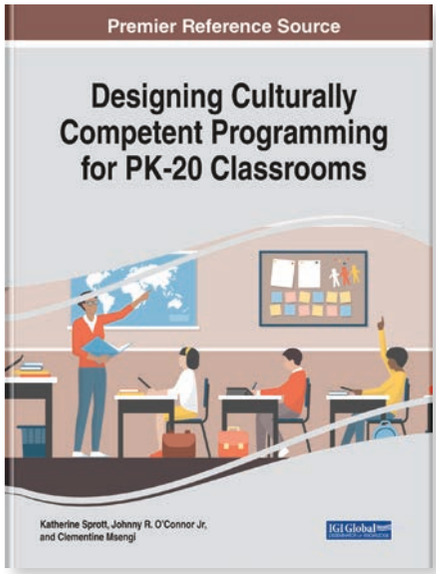

为PK-20课堂设计具有文化能力的程序规划

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Katherine Sprott (Lamar University, USA), Johnny R. O'Connor Jr. (Lamar University, USA), and Clementine Msengi (Lamar University, USA)

Description:

In order to promote effective learning, individuals must feel fully appreciated within their own unique identities (i.e., ethnicities, language differences, socioeconomic status, gender, religions). Culturally competent educators employ practices that acknowledge and build on cultural diversity and that identify students themselves as resources and honors assets possessed within the context of the school community.

Designing Culturally Competent Programming for PK-20 Classrooms is a comprehensive research publication that explores strategies and best practices for designing culturally competent curricula and serves as a courier for stakeholders fostering inclusive and forward-thinking opportunities in PK-20 classrooms. Highlighting a wide range of topics such as ethics, leadership, and organizational development, this book is ideal for educators, administrators, academicians, curriculum developers, instructional designers, researchers, and students.

ISBN: 9781799836520
Release Date: August, 2020
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Pages: 300

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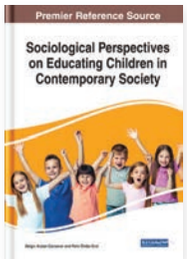


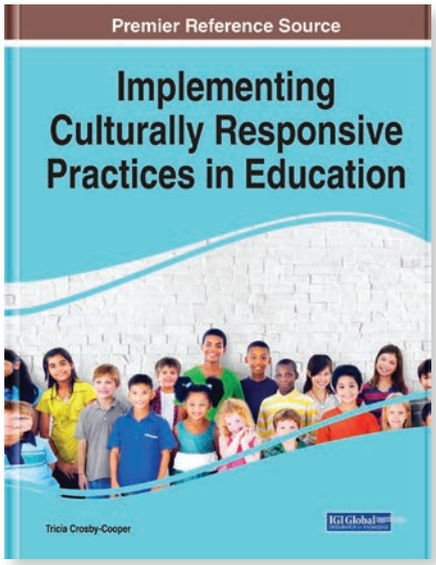
Sociological Perspectives on Educating Children in Contemporary Society
© 2020; 343 pp.

Handbook of Research on Organizational Justice and Culture in Higher Education Institutions
© 2016; 571 pp.

在教育中实施文化响应实践

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Prof. Tricia Crosby-Cooper (National University, USA)



Description:

With the recent increase of student diversity in the educational system, there is a need for cultural responsiveness. Cultural responsiveness, or culturally responsive practices, help to break down barriers that may cause or contribute to academic, behavioral, social emotional, and/or mental health difficulties demonstrated by students. Implementing culturally responsive practices increases equitable education opportunities for all students.

Implementing Culturally Responsive Practices in Education is an essential research publication that looks to increase educators' knowledge and skillsets to obtain a better understanding of working with students from different cultural, linguistic, and economic backgrounds. Moreover, the book allows educators to obtain a deeper understanding of the current issues with proposed interventions regarding cultural responsiveness and how to best support the students with whom they work. Featuring a wide range of topics including social justice, equality, and special education, this book is ideal for professionals, educators, administrators, curriculum designers, academicians, researchers, and students.

ISBN: 9781799833314
Release Date: June, 2020
Copyright: 2020
Pages: 310

Pricing:

Hardcover: US $195.00
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Topics Covered:

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- Counseling
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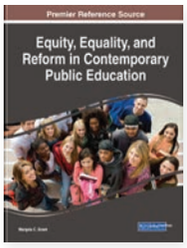
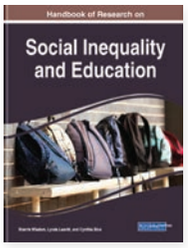


Equity, Equality, and Reform in Contemporary Public Education
© 2018; 329 pp.



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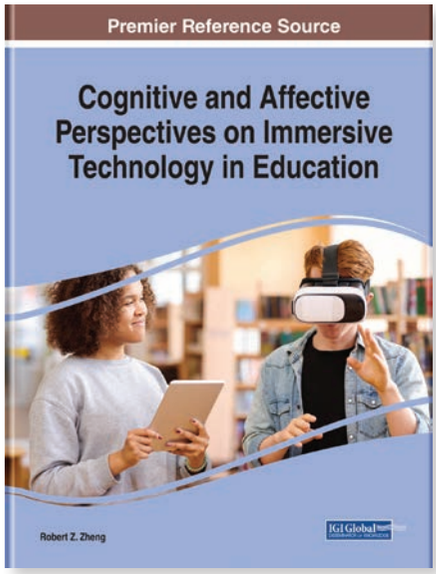

沉浸式技术在教育中的认知与情感透视

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Prof. Robert Z. Zheng (The University of Utah, USA)

Description:
Immersive technology as an umbrella concept consists of multiple emerging technologies including augmented reality (AR), virtual reality (VR), gaming, simulation, and 3D printing. Research has shown immersive technology provides unique learning opportunities for experiential learning, multiple perspectives, and knowledge transfer. Due to its role in influencing learners' cognitive and affective processes, it is shown to have great potential in changing the educational landscape in the decades to come. However, there is a lack of general cognitive and affective theoretical framework to guide the diverse aspects of immersive technology research. In fact, lacking the cognitive and affective theoretical framework has begun to hamper the design and application of immersive technology in schools and related professional training.

Cognitive and Affective Perspectives on Immersive Technology in Education is an essential research book that explores methods and implications for the design and implementation of upcoming immersive technologies in pedagogical and professional development settings. The book includes case studies that highlight the cognitive and affective processes in immersive technology as well as the successful applications of immersive technology in education. Featuring a wide range of topics such as curriculum design, K-12 education, and mobile learning, this book is ideal for academicians, educators, policymakers, curriculum developers, instructional designers, administrators, researchers, and students.

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Release Date: May, 2020
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Pages: 337

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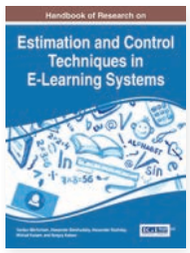
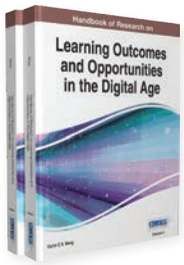


Handbook of Research on Estimation and Control Techniques in E-Learning Systems
© 2016; 679 pp.

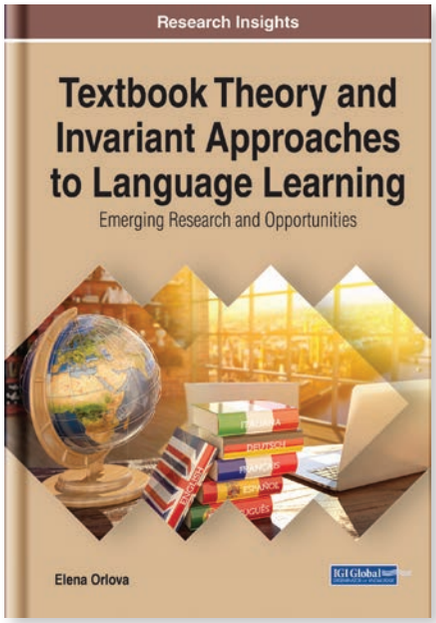


Handbook of Research on Learning Outcomes and Opportunities in the Digital Age (2 Vols.)
© 2016; 851 pp.

语言学习的教科书理论与不变方法：新兴研究与机遇

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Elena Orlova (Lobachevsky State University of Nizhny Novgorod, Russia)



Description:

The structure and content of a contemporary second language textbook are intended to encourage the initiative learner activity and create proper conditions for its manifestation in the curriculum. This premise unreservedly accepted by the teaching community proposes a flexible approach to second language acquisition encouraging individual self-learning experience.

Textbook Theory and Invariant Approaches to Language Learning: Emerging Research and Opportunities is a critical scholarly publication that examines the structure and function of current second language learning curricula and classrooms. The book pursues three main objectives, which include (1) reconstruction of the general conceptual framework of textbook theory; (2) systematization of the invariant approach applications; and (3) production of a set of concepts, principles, rules, and regularities underlying the invariant-based text development. Featuring a wide range of topics such as learning patterns, proficiency, and communication, this book is ideal for education professionals, academicians, professionals, researchers, curriculum designers, and students.

ISBN: 9781799826729
Release Date: May, 2020
Copyright: 2020
Pages: 158

Pricing:

Hardcover: US $145.00
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E-Book: US $145.00

Topics Covered:

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- Communication
- Error Taxonomy
- Foreign Language Learning
- Invariant Theory
- Language Acquisition
- Learning Patterns
- Proficiency
- Text Design
- Text Development

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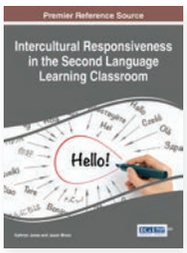

Intercultural Responsiveness in the Second Language Learning Classroom
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Study Abroad Contexts for Enhanced Foreign Language Learning
© 2018; 342 pp.

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Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Hiller A. Spires (North Carolina State University, USA)

ISBN: 9781522529248
Release Date: August, 2017
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Pages: 362

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Description:

Technology use has become increasingly popular in education. Due to cultural influences and access issues, advances in digital teaching and learning in Chinese education have been slow; however, certain regions have been able to successfully integrate technology into their curriculum and instruction techniques.

Digital Transformation and Innovation in Chinese Education is an essential reference source featuring the latest scholarly research on utilizing technology in Chinese learning and instruction, and it provides insights to classroom transformations within the context of Chinese culture. Including coverage on a broad range of topics and perspectives such as MOOCs, blended learning, and e-learning, this publication is ideally designed for academicians, researchers, and students seeking current research on technological innovation in Chinese education.

Topics Covered:

- Blended Learning
- Cosmopolitanism
- E-Learning
- Flipped Classrooms
- Foreign Language Classroom
- Globalization and Economics
- International Academic Mobility
- Mobile Learning
- MOOCs
- Multimodal Semiotics
- Professional Community
- QQ Groups
- Rural Education
- Technology and Innovation

*"Digital Transformation and Innovation in Chinese Education is a**n excellent collection of studies about grassroots innovations in Chinese education**. These innovations represent the wishes, desires, and aspirations of Chinese educators, parents, and students for a better education."*
- Prof. Yong Zhao University of Kansas, USA

关于本书编辑:

Hiller Spires, who has been on the NC State faculty since 1986, is a Professor of Literacy and Technology in the Department of Teacher Education and Learning Sciences. She received her Ph.D. in literacy education with a cognate in English from the University of South Carolina. She served as the founding director of The William and Ida Friday Institute for Educational Innovation from 2002-2006 and currently serves as FI Senior Research Fellow. Dr. Spires received NC State's Outstanding Alumni Award in Outreach and Service for providing professional development seminars for K-12 teachers in NC. In 2011 she received NC State's Jackson A. Rigney International Service Award for her work with Chinese teachers and students. In 2012, she received NC State's Alumni Graduate Professor Award. Dr. Spires studies the integration of emerging technologies in order to illustrate research-based, best practices for digital literacy learning. She co-directs the Friday Institute's New Literacies Collaborative (newlit.org). She helped create a state-of-the-art high school in Suzhou, China. See the documentary.

"I've been working in China and with Chinese educators for the past decade, and I realized that there was a need to ***highlight innovation that is happening in K-12 education****."*
- Prof. Hiller A. Spires (North Carolina State University, USA)

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Chapter 7: Flipped Classroom in China: Design, Practice, and Implications Prof. Chang Yuan, North Carolina State University, USA Prof. Clarice Moran, Kennesaw State University, USA	**Chapter 9: Technology and Innovation in China's English as a Foreign Language (EFL) Classrooms** Prof. Casey Medlock Paul, North Carolina State University, USA Prof. Hong Juan Liu, Beijing Royal School, China
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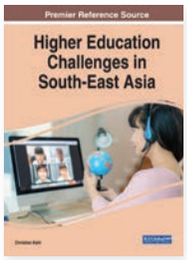

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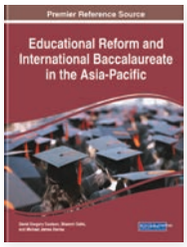

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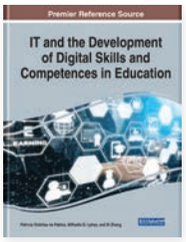

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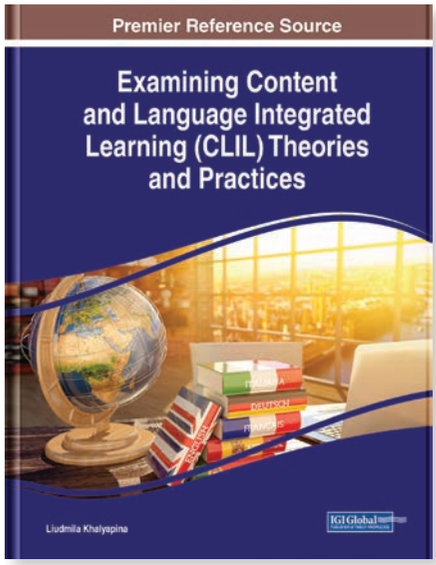

审视内容与语言综合学习理论与实践

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Liudmila Khalyapina (Peter the Great St. Petersburg Polytechnic University, Russia)

Description:

The growing interest in the problems of integrated foreign language teaching and professional disciplines is manifested in the formulation of new concepts and approaches, which at the moment are controversial. The lack of a common conceptual framework of integrated education in the system of higher professional education in different countries manifests itself in the attempts of researchers to either completely eliminate the achievements of their colleagues in this area or, without any scientific and practical justification, mechanically transfer foreign experiences in their conditions.

Examining Content and Language Integrated Learning (CLIL) Theories and Practices is a cutting-edge research publication that investigates the different approaches and models of progressive technology within linguodidactics and the methodologies for teaching foreign languages. Highlighting a range of topics such as blended learning, cognition, and professional discourse, this book is essential for language teachers, linguists, curriculum developers, instructional designers, deans, researchers, practitioners, administrators, educators, academicians, and students.

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Pages: 325

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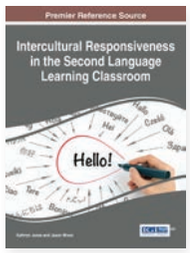

Intercultural Responsiveness in the Second Language Learning Classroom
© 2017; 327 pp.

Study Abroad Contexts for Enhanced Foreign Language Learning
© 2018; 342 pp.

多语种课堂教学实践与语言意识

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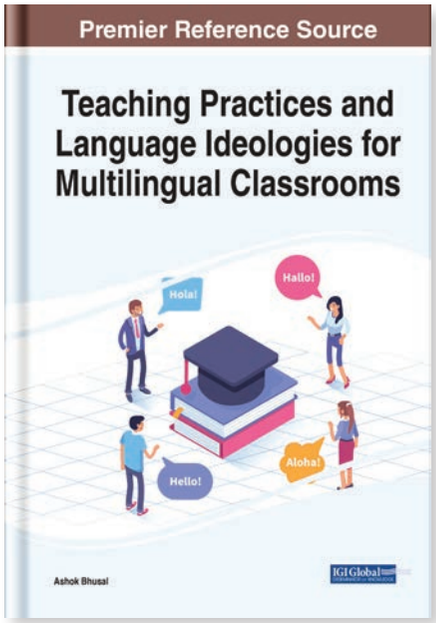
Prof. Ashok Bhusal (The University of Texas at El Paso, USA)



Description:

While standard language ideology (SLI) is harmful in its exclusion of minorities through expression of language and race, translingualism provides a positive scaffolding characterized by the disposition of openness. Translingualism suggests that each utterance creates meaning and is a direct rebellion against SLI. It privileges unprivileged varieties of English over so-called Standard English. In order to combat SLI, scholars have emphasized the need for congenial multicultural spaces where students can use their cultural and linguistic resources as an asset and which supports the idea of students learning from each other through their diversity.

Teaching Practices and Language Ideologies for Multilingual Classrooms is an essential scholarly publication that examines the educational necessities for diverse student populations and multilingual students and provides rich teaching resources for guiding the creation of classroom environments that engages multilingual students and supports their writing and problem-solving skill development. Featuring a range of topics such as ethics, code-switching, and language education, this book is ideal for teachers, instructional designers, academicians, sociologists, administrators, language professionals, researchers, and students.

Topics Covered:

- Code-Switching
- ESL Students
- Ethics
- Language Education
- Literacy
- Monolingualism
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- Translingualism

ISBN: 9781799833390
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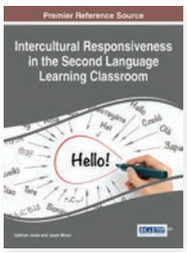

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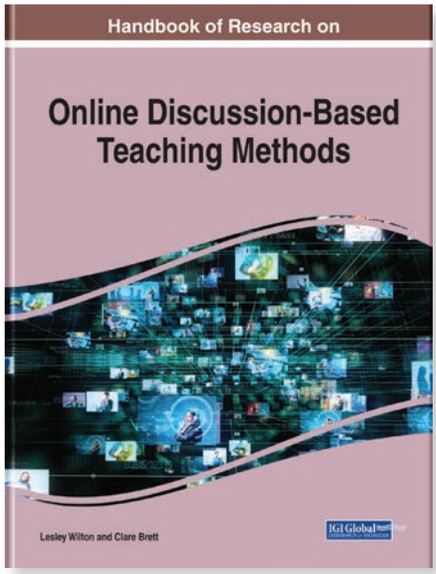

在线讨论式教学方法研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Lesley Wilton (University of Toronto, Canada) and Clare Brett (University of Toronto, Canada)

ISBN: 9781799832928
Release Date: May, 2020
Copyright: 2020
Pages: 536

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Description:

In this digital age, faculty, teachers, and teacher educators are increasingly expected to adopt and adapt pedagogical perspectives to support student learning in instructional environments featuring online or blended learning. One highly adopted element of online and blended learning involves the use of online learning discussions. Discussion-based learning offers a rich pedagogical context for creating learning opportunities as well as a great deal of flexibility for a wide variety of learning and learner contexts. As post-secondary and, increasingly, K-12 institutions cope with the rapid growth of online learning, and an increase in the cultural diversity of learners, it is critical to understand, at a detailed level, the relationship between online interaction and learning and how educationally-effective interactions might be nurtured, in an inclusive way, by instructors.

The **Handbook of Research on Online Discussion-Based Teaching Methods** is a cutting-edge research publication that seeks to identify promising designs, pedagogical and assessment strategies, conceptual models, and theoretical frameworks that support discussion-based learning in online and blended learning environments. This book provides a better understanding of the effects and both commonalities and differences of new tools that support interaction, such as video, audio, and real-time interaction in discussion-based learning. Featuring a wide range of topics such as gamification, intercultural learning, and digital agency, this book is ideal for teachers, educational software developers, instructional designers, IT consultants, academicians, curriculum designers, researchers, and students.

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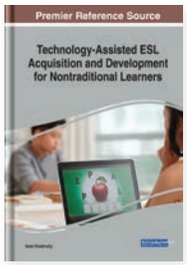

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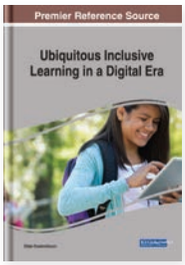
© 2019; 304 pp.



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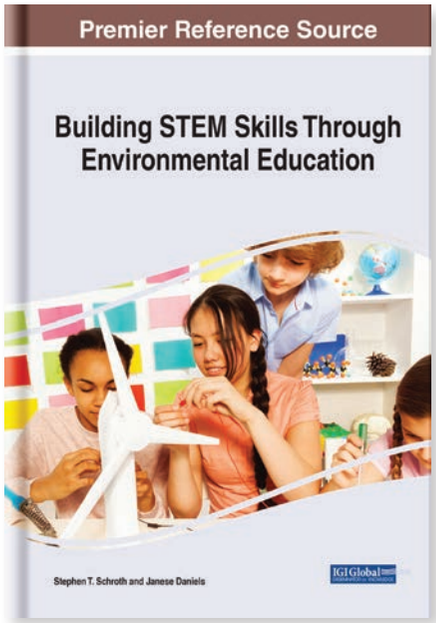

Description:

Environmental studies provide an ideal opportunity for children of any age to build critical and creative thinking skills while also building skills in science, technology, engineering, and mathematics (STEM). Exploring issues related to sustainability and environmental concerns permits learners to identify problems, develop research questions, gather and analyze data, develop possible solutions, and disseminate this information to others. Despite the advantages of green education and its ability to improve student achievement, there is a gap in understanding the interplay between curriculum and instruction and how this affects teaching and learning.

Building STEM Skills Through Environmental Education is an essential publication that addresses gaps in the understanding of green education and offers educators meaningful and comprehensive examples of environmental and sustainability education in the Pre-K through secondary grade levels. The book offers a unique combination of foundational understanding of green education and chapters that illustrate the principles and impact of green education across grade levels, content areas, assessment systems, instructional strategies, technology, and other related topics. It is ideally designed for educators, curriculum developers, instructional designers, advocates, policymakers, researchers, academicians, and students.

Topics Covered:

- Administration
- Early Childhood Education
- Gifted and Talented Education
- In-Service Teacher Support
- Instructional Coaching
- Multiculturalism
- Pre-Service Teacher Support
- Professional Development
- Secondary Education
- Special Education
- TESOL

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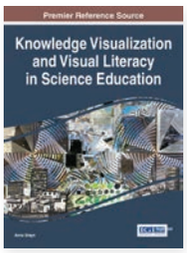
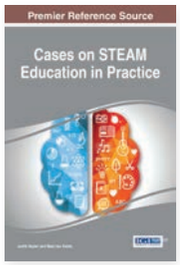


Knowledge Visualization and Visual Literacy in Science Education
© 2016; 431 pp.



Cases on STEAM Education in Practice
© 2017; 375 pp.

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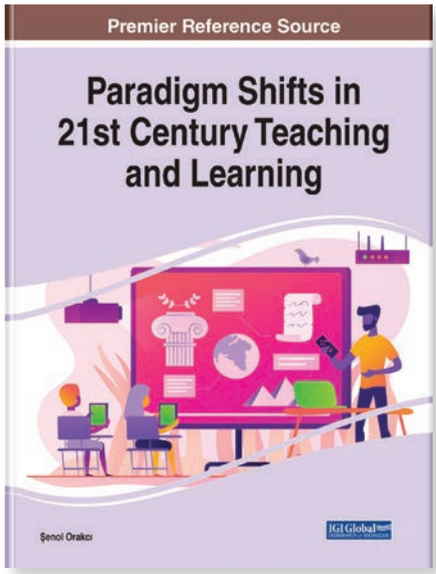

21世纪教与学的范式转换

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Prof. Şenol Orakcı (Aksaray University, Turkey)

Description:

One of the most important transformations in the world today is the adaptation to education and teaching methods that must be made to enhance the learning experience for Millennial and Generation Z students. The system in which the student is passive and the teacher is active is no longer the most effective form of education. Additionally, with the increased availability to information, knowledge transfer is no longer done solely by the teacher. Educators need to become moderators in order to promote effective teaching practices.

Paradigm Shifts in 21st Century Teaching and Learning is an essential scholarly publication that examines new approaches to learning and their application in the teaching-learning process. Featuring a wide range of topics such as game-based learning, curriculum design, and sustainability, this book is ideal for teachers, curriculum developers, instructional designers, researchers, education professionals, administrators, academicians, educational policymakers, and students.

ISBN: 9781799831464
Release Date: April, 2020
Copyright: 2020
Pages: 344

Pricing:

Hardcover: US $200.00
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Topics Covered:

- Adaptive Learning
- Classroom Management
- Curriculum Design
- Educational Technology
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- Game-Based Learning
- Language Learning
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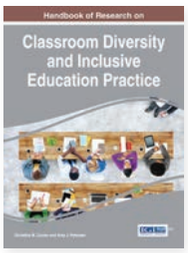

Handbook of Research on Classroom Diversity and Inclusive Education Practice
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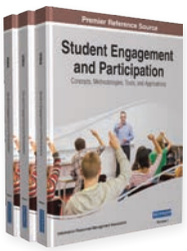

Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,595 pp.

高等学校微资格认证的规划、实施和评估

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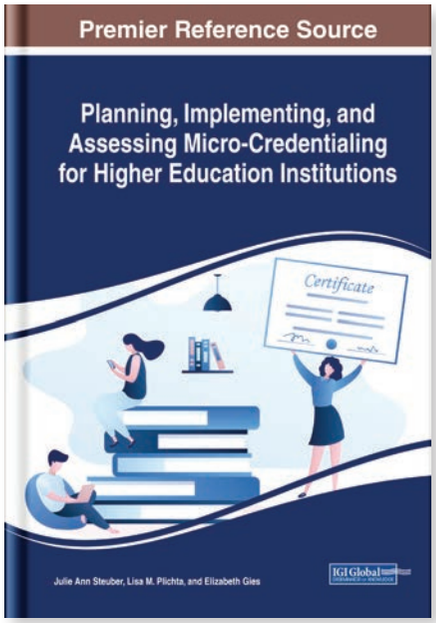

Description:

Businesses and universities alike have been searching for modern methods of development for their employees and students that benefit both the participant and the organization. Micro-credentialing is a practice that rewards employees and students in mastering a specific topic that strengthens their professional credibility. Understanding how to implement and assess the effectiveness of micro-credentials in professional and educational environments is vital for managers and academicians.

Planning, Implementing, and Assessing Micro-Credentialing for Higher Education Institutions is an essential reference source that discusses modern applications of micro-credentials within universities and organizations and provides current professional development practices with real-world examples. Featuring research on topics such as personalization, e-learning, and professional development, this book is ideally designed for educators, managers, business leaders, researchers, academicians, and students.

Topics Covered:

- Credential Assessment
- Credential Validation
- E-Learning
- Marketing Strategies
- Online Teaching Practices
- Organizational Value
- Personalization
- Professional Development
- Recruitment
- Systematic Approaches

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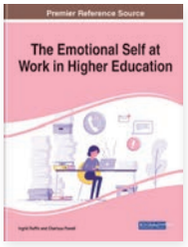
© 2019; 418 pp.



The Emotional Self at Work in Higher Education
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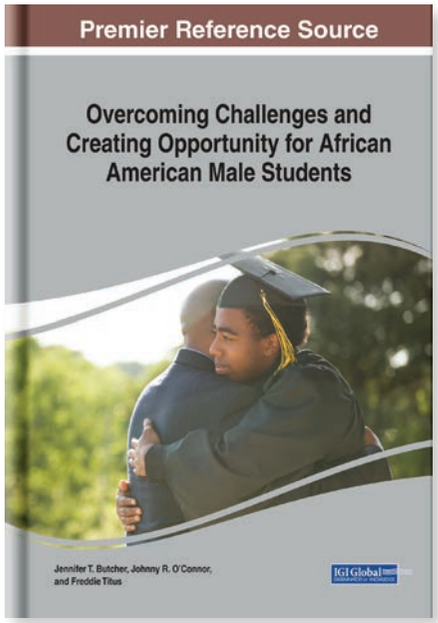

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Profs. Jennifer T. Butcher (Houston Baptist University, USA), Johnny R. O'Connor Jr. (Lamar University, USA), and Freddie Titus (Lamar University, USA)

Description:

This title provides solution-oriented approaches to confronting, confirming, and mitigating perpetual disparities within the educational system. Containing research from researchers across the U.S., this publication covers comprehensive research on access to education, racial battle fatigue, and mentoring programs.

Overcoming Challenges and Creating Opportunity for African American Male Students is an essential reference source that supports the development of more widespread solution-oriented approaches to confronting, confirming, and mitigating any perpetual disparities that may exist among these students. Featuring research on topics such as access to education, racial battle fatigue, and mentoring programs, this book is ideally designed for administrators, policymakers, educators, scholars, researchers, students, and academicians seeking coverage on the many factors that influence African American male success in various educational contexts.

Topics Covered:

- Academic Performance
- Access to Education
- Barriers to Education
- Community and Connectedness
- Community Development
- Creativity
- Developing Competencies
- Educational Past
- Leadership Learning
- Mentoring Programs
- Motivation
- Race Theory
- Racial Battle Fatigue
- Self-Determination Theory
- Sports Participation
- Study Abroad Programs

"As the conversation of African American males in education continues to develop, it is crucial that both educators and scholars continue to ***offer their unique perspectives****. Having such perspective available will* ***extend the knowledge base****, as well as* ***offer additional solutions*** *to many of the issues, which exist. As we recognize that this book will serve to* ***offer the ideologies of a variety of vantage points****, we hope it will be of value in extending productive discourse for the success of African American males, as well as society as a whole."*

- Prof. Jennifer T. Butcher (Houston Baptist University, USA), Prof. Johnny R. O'Connor Jr. (Lamar University, USA), and Prof. Freddie Titus (Lamar University, USA)

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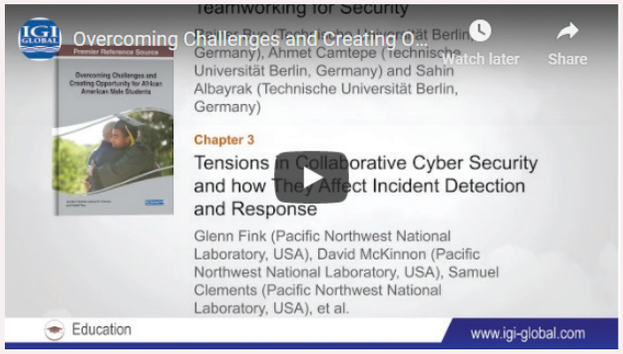

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Chapter 4: The Influence of Self-Determination Theory on African American Males' Motivation Prof. Dina Flores-Mejorado, Houston Baptist University, USA Prof. Dianne Reed, Houston Baptist University, USA	**Chapter 6: Impact of Mentoring and Support Programs on Academic Performance of African American Males: Analysis Through a Critical Race Theory Lens** Prof. Andrew S. Herridge, Texas Tech University, USA Prof. Montelleo DeLeon Hobley Jr., Mississippi State University, USA
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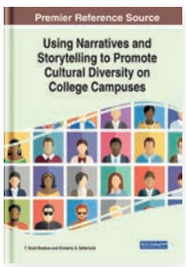

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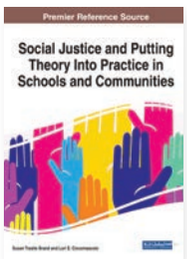

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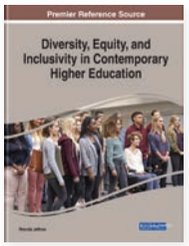

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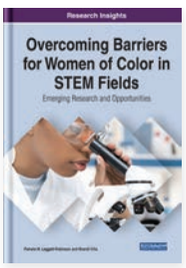

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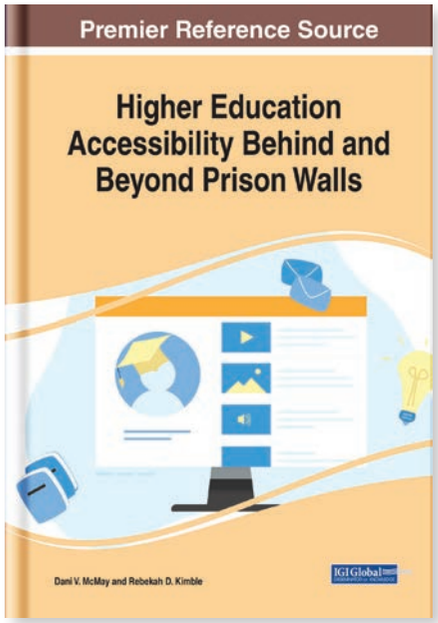

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Profs. Dani V. McMay (State University of New York at Fredonia, USA) and Rebekah D. Kimble (Via Evaluation, USA)

Description:

Numerous studies indicate that completing a college degree reduces an individual's likelihood of recidivating. However, there is little research available to inform best practices for running college programs inside jails or prisons or supporting returning citizens who want to complete a college degree.

Higher Education Accessibility Behind and Beyond Prison Walls examines program development and pedagogical techniques in the area of higher education for students who are currently incarcerated or completing a degree post-incarceration. Drawing on the experiences of program administrators and professors from across the country, it offers best practices for (1) developing, running, and teaching in college programs offered inside jails and prisons and (2) providing adequate support to returning citizens who wish to complete a college degree. This book is intended to be a resource for college administrators, staff, and professors running or teaching in programs inside jails or prisons or supporting returning citizens on traditional college campuses.

Topics Covered:

- College Classes in Jails
- College-In-Prison Programs
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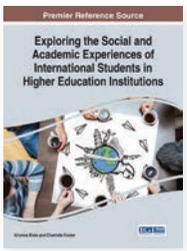

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
© 2016; 363 pp.

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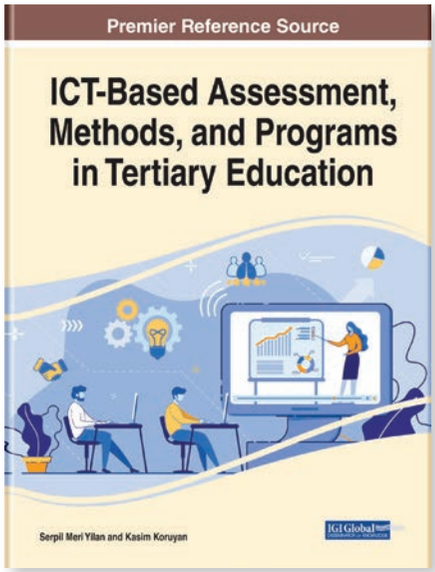
Profs. Serpil Meri Yilan (Agri Ibrahim Cecen University, Turkey) and Kasim Koruyan (King Saud University, Saudi Arabia)



Description:

The use of information and communication technologies (ICTs) in education has revolutionized learning. Shifting beyond traditional mode of education, the integration of ICTs has become an advantage for students at tertiary education when used for the right purpose to enhance learning. The use of technology brings forth a flexible and accessible mode of education and bridges the gap of learning across borders. This enables students at tertiary level to have access to other universities and academic resource materials globally, thereby expanding their knowledge. Thus, it is crucial to consider the development of technology in education as part of a comprehensive pedagogical framework and take into account new developments in ICTs.

ICT-Based Assessment, Methods, and Programs in Tertiary Education is an essential research publication that provides relevant theoretical frameworks and recent empirical research findings on integrating ICTs in tertiary education to enhance learning and allow students to take more control of their learning. Highlighting topics such as assessment, language learning, and e-learning, this book is ideal for teachers, professionals, academicians, researchers, administrators, curriculum designers, instructional designers, and students.

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Topics Covered:

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- Language Learning
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- Technology-Enhanced Environments
- Tertiary Education

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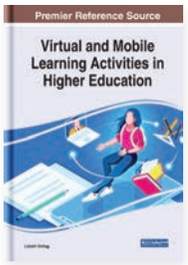
© 2019; 266 pp.



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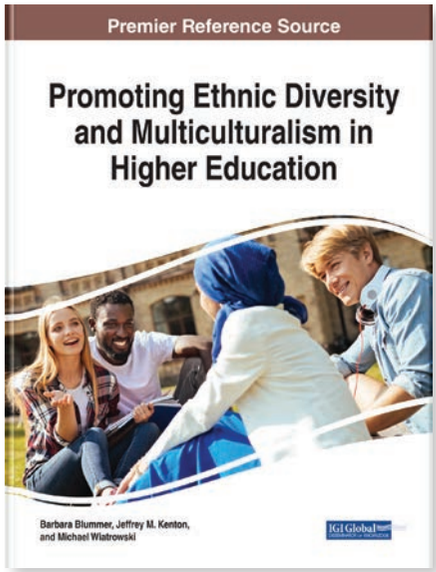

促进高等教育中的民族多元化与多元文化主义

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Barbara Blummer (Center for Computing Sciences, USA), Jeffrey M. Kenton (Towson University, USA), and Michael Wiatrowski (Independent Researcher, USA)

Description:
This title is an IGI Global Core Reference for 2019 as it provides the timeliest research on increasing cultural diversity and multiculturalism within institutions of higher learning. Featuring comprehensive coverage on classroom diversity, this publication is an innovative reference source for educators seeking to promote multiculturalism.

Promoting Ethnic Diversity and Multiculturalism in Higher Education is an essential scholarly publication that examines the interaction between culture and learning in academic environments and the efforts to mediate it through various educational venues. Featuring coverage on a wide range of topics including intercultural competence, microaggressions, and student diversity, this book is geared towards educators, professionals, school administrators, researchers, and practitioners in the field of education.

ISBN: 9781522540977
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Hardcover: US $185.00
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关于本书编辑：

Barbara Blummer is the reference librarian for the Center for Computing Sciences in Bowie, Maryland, USA. She received a MLS from the University of Maryland in 1995, a master's degree in Communications/Digital Library from Johns Hopkins University in 2005, and an EdD from Towson University in Instructional Technology in 2012. She had published numerous articles in the library literature and presented at various information literacy conferences.

Jeffrey M. Kenton is the assistant dean for the College of Education at Towson University, USA. Among his research interests are: instructional technology, technology literacy, problem-solving, assessment and metacognition. His present work revolves around studying the intersections between classroom technology use and pre-service preparation, content knowledge and metacognition.

Michael Wiatrowski received his Ph.D. in 1978 from Portland State University. His research has concentrated in the areas of juvenile justice, criminal justice reform, evaluation research, democratic policing and most recently in democratic theory and development. He worked 20 years in higher education as a tenured faculty member. Dr. Wiatrowski worked in the U.S. Department of Education and the U.S. Department of Justice for 9 years. Dr. Wiatrowski is a Vietnam Veteran and retired from the U.S. Army as a Lieutenant Colonel. He continues to publish in refereed journals in a wide variety of areas.

*"[This book] examines **the relationship between culture and learning** in academic institutions and the efforts to mediate it through state mandates, pedagogical approaches, use of technologies, collaborative partnerships, cultural awareness training, and participation in social groups. The book provides **valuable information** to academic administrators, librarians, and faculty **eager to promote and sustain multiculturalism and diversity** in their organization."*
- Profs. Barbara Blummer (Center for Computing Sciences, USA), Jeffrey M. Kenton (Towson University, USA) and Michael Wiatrowski (Independent Researcher, USA)

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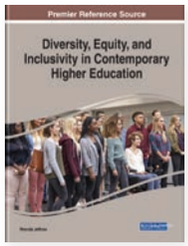
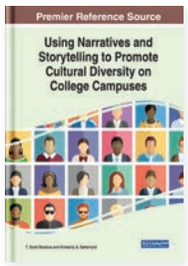


Diversity, Equity, and Inclusivity in Contemporary Higher Education
© 2019; 334 pp.



Using Narratives and Storytelling to Promote Cultural Diversity on College Campuses
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Gender Issues in Technical and Vocational Education Programs
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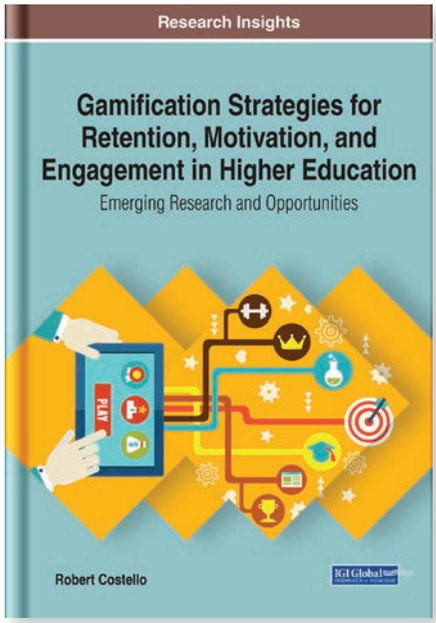
教育



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Pages: 205

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保持、激励和参与高等教育的游戏化策略：新兴研究和机遇

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Robert Costello (Newcastle College University Centre, UK)

Description:

A key challenge facing higher education institutions is that of retaining students. Though gaming technologies are increasingly being used in support of learning initiatives, gamification can also assist with attendance by increasing engagement. By using gaming technology to map educational content, teachers can engage and motivate learners through adaptive infrastructures and game thinking challenges.

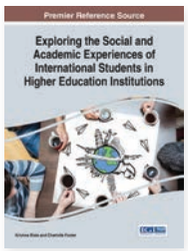
Gamification Strategies for Retention, Motivation, and Engagement in Higher Education: Emerging Research and Opportunities is a critical scholarly resource that examines gaming technologies as effectively utilized learning tools to improve retention, engagement, motivation, and problem solving. Featuring a wide range of topics such as higher education, augmented reality, and socialization, this book is ideal for academicians, administrators, researchers, IT specialists, education professionals, and students.

Topics Covered:

- Augmented Reality
- Educational Environment
- Educator Model (EM)
- Gamification
- Higher Education
- Learning Technologies
- Socialization
- Student Engagement
- Student Motivation
- Virtual Reality

Related Books

Global Perspectives and Local Challenges Surrounding International Student Mobility
© 2016; 354 pp.

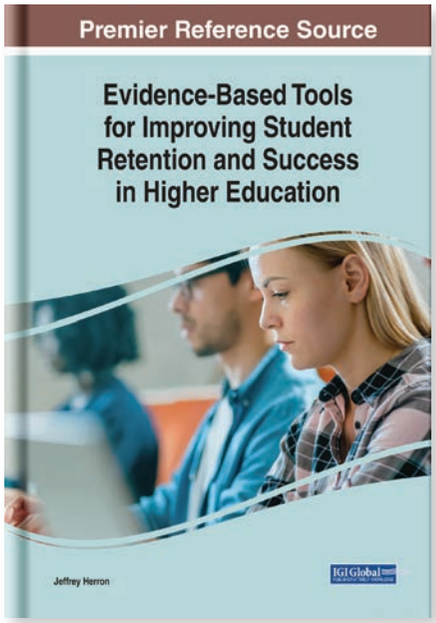


Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
© 2016; 363 pp.

提高学生在高等教育中的保留率和成功率的循证工具

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Jeffrey Herron (Campbellsville University, USA)



Description:

Student retention is an essential factor in the success of universities and university programs and is contributed to through positive student experiences. These experiences can be created and influenced through the availability and accessibility of quality student support services.

Evidence-Based Tools for Improving Student Retention and Success in Higher Education is a critical scholarly publication that provides comprehensive research on coordinated student support services aimed at increasing student retention. Featuring a range of topics such as academic advisement, service learning, and professional development, this book is ideal for college advisors, academicians, curriculum designers, provosts, chancellors, governing boards, administrators, researchers, and students.

Topics Covered:

- Academic Advisement
- Career Development
- Higher Education
- Mentoring Programs
- Pedagogy
- Professional Development
- Service Learning
- Student Retention
- Student Support Service
- Tutoring Service

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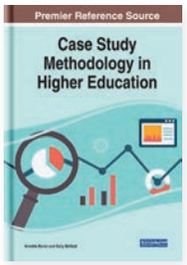

Case Study Methodology in Higher Education
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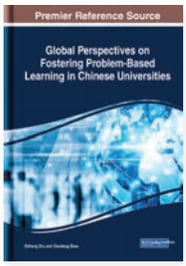

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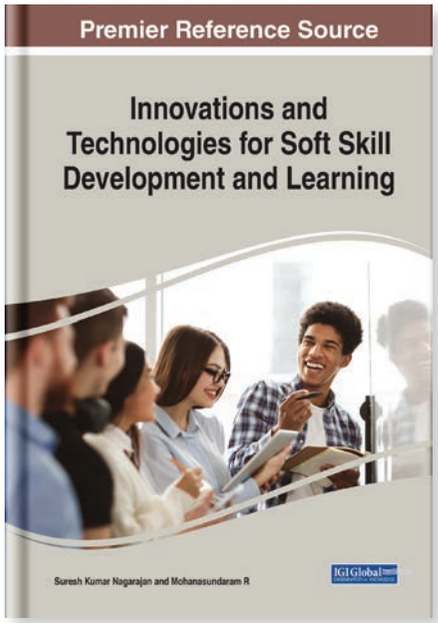

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Profs. Suresh Kumar Nagarajan (VIT University, India) and Mohanasundaram R. (VIT University, India)

Description:

Traditional education revolves around the teaching of technical skills, especially within STEM fields. However, soft skills—broadly, communication and intrapersonal skills—are essential within all fields, especially those frequently involving research and collaboration. However, the focus on teaching students to be adept communicators and team members remains woefully underdeveloped.

Innovations and Technologies for Soft Skill Development and Learning is a pivotal reference source that explores the mental and psychological growth of individual learners at different stages of education concerning soft skills and the need for innovation and creativity to lead a successful career. Highlighting topics including higher education, emotional intelligence, and student behavior, this book is ideally designed for educators, curriculum developers, instructional designers, administrators, policymakers, academicians, researchers, and students.

Topics Covered:

- Activity-Centered Learning
- E-Learning
- Emotional Intelligence
- Higher Education
- Language Teaching
- Narrow Reading
- Panoramic Education
- Pedagogy
- Secondary Education
- Social Media
- Soft Skills
- Student Behavior

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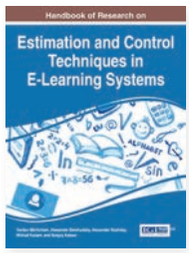
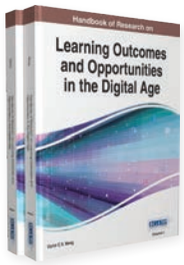


Handbook of Research on Estimation and Control Techniques in E-Learning Systems
© 2016; 679 pp.



Handbook of Research on Learning Outcomes and Opportunities in the Digital Age (2 Vols.)
© 2016; 851 pp.

教育实习专业发展

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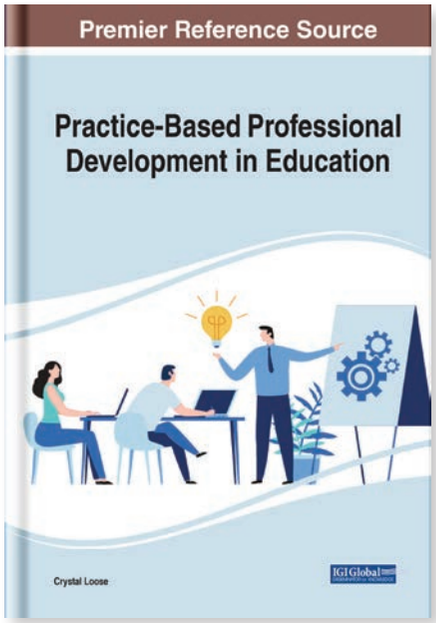
Prof. Crystal Loose (West Chester University, USA)



Description:

Teachers, as life-long learners, engage in professional development to deepen their understanding of content and instructional methods. Teacher professional development is a form of adult education, and adults learn best if they are actively involved in their own learning and see it relative to their own needs. Grounding professional development in actual classroom practice is a highly powerful means of fostering effective teachers. Research has shown that, for professional development to be effective, several components of instruction should be considered: reflection on practice, problems arising in practice, subject matter content, and principles of adult learning.

Practice-Based Professional Development in Education is a cutting-edge research publication that explores both effective and ineffective professional development practices and presents arguments for why adult learning theory should be considered when designing a professional development session. Highlighting a range of topics including social media, education reform, and teacher learning, this book is essential for teachers, academicians, education professionals, policymakers, curriculum designers, researchers, and students.

Topics Covered:

- Adult Learners
- Curriculum Development
- Education Reform
- K-12 Education
- Learning Networks
- Professional Development
- Professional Learning
- Social Media
- Teacher Learning
- Teacher Training

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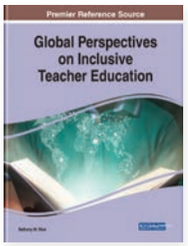
Pre-Service and In-Service Teacher Education: Concepts, Methodologies, Tools, and Applications (4 Vols.)
© 2019; 2,262 pp.



Global Perspectives on Inclusive Teacher Education
© 2019; 340 pp.

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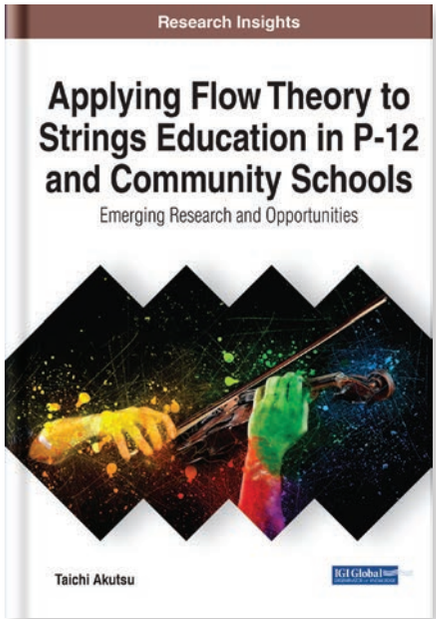

流动理论在P-12和社区学校弦乐教育中的应用：新兴研究与机遇

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Taichi Akutsu (Okayama Prefectural University, Japan & Seisa University, Japan)

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Description:

Strings teaching and learning has tended to emphasize performance rather than the quality of experience for the children. School instruction has become rigid and focused on technical accuracy. Alternative teaching strategies must be pursued in order to provide a challenging yet enjoyable experience of playing and learning the bowed string instruments for students.

Applying Flow Theory to Strings Education in P-12 and Community Schools: Emerging Research and Opportunities offers a comprehensive reference for string teachers and learners of the instruments in P-12 and community schools to understand the conceptual framework of flow theory-based strings pedagogy. This book addresses critical issues to facilitate children's musical flow and the elements required to construct the pedagogy. Featuring a range of topics such as alternative assessment, musical pedagogy, and teacher training, this book is essential for music teachers, band directors, instructional designers, academicians, educational professionals, administrators, researchers, and students.

Topics Covered:

- Alternative Assessment
- Community Music
- Flow Indicators in Musical Activities (FIMA)
- Flow Theory
- Mixed Instrumental Ensemble
- Music Education
- Musical Pedagogy
- Orchestra
- P-12 Education
- Teacher Training

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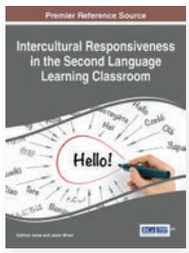
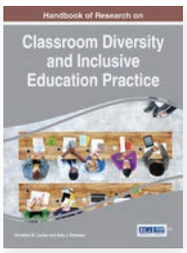


Intercultural Responsiveness in the Second Language Learning Classroom
© 2017; 327 pp.

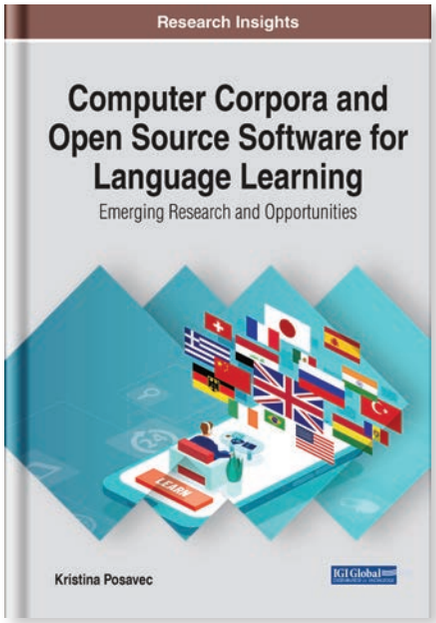


Handbook of Research on Classroom Diversity and Inclusive Education Practice
© 2017; 552 pp.

用于语言学习的计算机语料库和开源软件：新兴研究和机遇

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Kristina Posavec (University of Zagreb, Croatia)



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Description:

During the last four decades, a corpus-based approach to language teaching has become very significant. Direct use of corpora in language pedagogy is limited by certain factors: time, the lecturer's knowledge and skills needed to analyze the corpus, access to sources such as computers and appropriate computer tools, or a combination of these factors. The key to a successful corpus-based approach is in the appropriate level of the lecturer's guidance or pedagogical mediation, which depends on student age, experience, and prior knowledge. It is therefore very important that lecturers be equipped with the necessary knowledge and education for using and analyzing corpora on a daily basis.

Computer Corpora and Open Source Software for Language Learning: Emerging Research and Opportunities is a cutting-edge research publication that analyzes teacher experiences in implementing computer corpora into their language learning classrooms in order to formulate additional insights as to best strategies for integrating such tools that maximizes language learning efficiency in primary and secondary education. Highlighting topics such as ICT tools, language education, and linguistics, this book is ideal for academicians, educators, computer science teachers, IT professionals, researchers, and students.

Topics Covered:

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- Corpus Tools
- ICT Tools
- Language Education
- Linguistics
- NoSketch Engine
- Second Language Learning
- Secondary Education

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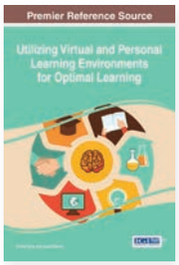

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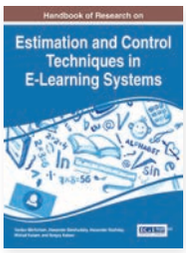

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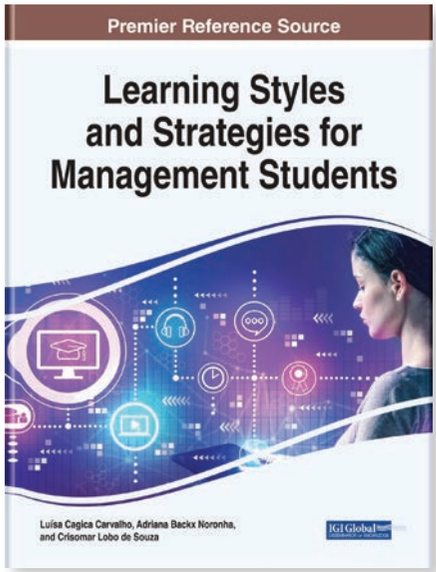

管理学学生的学习方式和策略

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Prof. Luísa Cagica Carvalho (Polytechnic Institute of Setubal, Portugal & CEFAGE, University of Évora, Portugal), et al.

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Description:

Today, globalization, advances in technology, greater access to information, and communication via social networks generate an explosion of knowledge and cause the working world to experience rapid change based on knowledge and continuous learning. The challenge for universities is to have a curriculum that prepares students for this digital world, but many characteristics of the school curriculum have been unchanged for decades. Consequently, student experiences can be very different from the experiences required by the labor market. In a learning environment, the desired results will not be achieved if several essential elements are not considered in the instructional teaching process, including learning style, age, and maturity level.

Learning Styles and Strategies for Management Students is a critical scholarly resource that provides essential research on the growing recognition of the critical role of education through concepts and principles of styles and strategies of learning. Additionally, it explores key developments in the methodologies, strategies, and learning styles of students, mainly in management studies. Featuring an array of topics such as digital education, sustainability, and management, this book is ideal for academicians, researchers, administrators, curriculum designers, policymakers, practitioners, and students.

Topics Covered:

- Blended Learning
- Digital Education
- E-Learning
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- Management
- Sustainability
- Teaching Management
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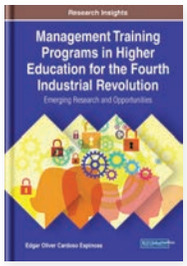

Management Training Programs in Higher Education for the Fourth Industrial Revolution: Emerging Research and Opportunities
© 2020; 127 pp.

Developing Workforce Diversity Programs, Curriculum, and Degrees in Higher Education
© 2016; 398 pp.

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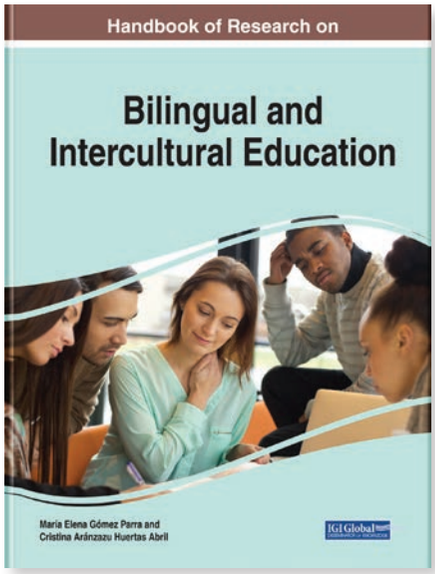
Profs. María Elena Gómez-Parra (University of Córdoba, Spain) and Cristina Aránzazu Huertas Abril (Universidad de Córdoba, Spain)



Description:

As education becomes more globally accessible, the need increases for comprehensive education options with a special focus on bilingual and intercultural education. The normalization of diversity and the acclimation of the students to various cultures and types of people are essential for success in the current world.

The **Handbook of Research on Bilingual and Intercultural Education** is an essential scholarly publication that provides comprehensive empirical research on bilingual and intercultural processes in an educational context. Featuring a range of topics such as education policy, language resources, and teacher education, this book is ideal for teachers, instructional designers, curriculum developers, language learning professionals, principals, administrators, academicians, policymakers, researchers, and students.

Topics Covered:

- Assessment
- Computer-Assisted Language Learning (CALL)
- Education Policy
- Educational Norms
- Immigrants
- Intercultural Education
- Language Resources
- Second Language Acquisition
- Teacher Education
- Technology-Enhanced Language Learning (TELL)

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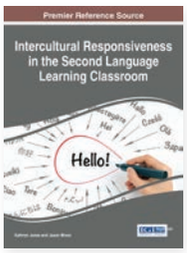

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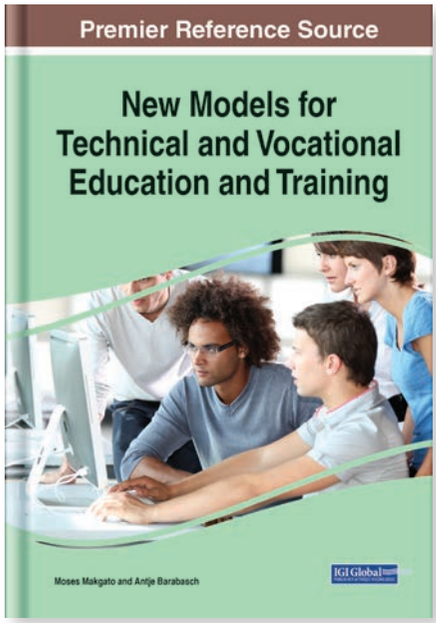

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职业技术教育培训新模式

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Moses Makgato (Tshwane University of Technology, South Africa) and George Afeti (Ministry of Education, Ghana)

Description:

Technical and vocational education and training at technical schools are major contributing factors in combating poverty, unemployment, and inequality. The primary purpose of technical and vocational education and training is to prepare students and learners for the world of work and for a smooth transition from education institutions into the workplace. As the Fourth Industrial Revolution continues to create more radical changes in the labor market, experts are calling for a reform of education, including vocational education and training and adult and professional education.

New Models for Technical and Vocational Education and Training is an essential scholarly research book that examines TVET and CET colleges and programs that provide intermediate skills to enhance students' chances of employability and entrepreneurship in Industry 4.0. The book explores knowledge in respect to workforce preparation, digital skills development, teaching and learning of TVET, flexibility and articulation of TVET to respond to work-integrated learning, and reskilling and upskilling to avoid skill mismatches. It is ideal for TVET schools, academicians, curriculum designers, managers, training officers, administrators, vocational professionals, researchers, and students.

Topics Covered:

- Civil Technology
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- Didactics
- Digital Technology
- Flexible Learning
- Marketing
- Online Learning
- TVET
- Virtual Reality
- Vocational Pedagogy

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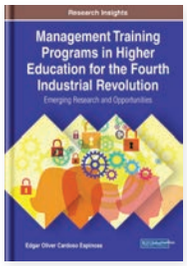

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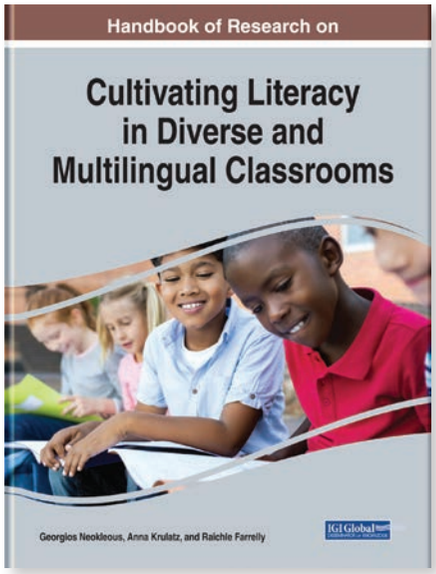
多元化多语种课堂扫盲研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Georgios Neokleous (Norwegian University of Science and Technology, Norway), et al.



Description:

Literacy has traditionally been associated with the linguistic and functional ability to read and write. Although literacy, as a fundamental issue in education, has received abundant attention in the last few decades, most publications to date have focused on monolingual classrooms. Language teacher educators have a responsibility to prepare teachers to be culturally responsive and flexible so they can adapt to the range of settings and variety of learners they will encounter in their careers while also bravely questioning the assumptions they are encountering about multilingual literacy development and instruction.

The **Handbook of Research on Cultivating Literacy in Diverse and Multilingual Classrooms** is an essential scholarly publication that explores the multifaceted nature of literacy development across the lifespan in a range of multilingual contexts. Recognizing that literacy instruction in contemporary language classrooms serving diverse student populations must go beyond developing reading and writing abilities, this book sets out to explore a wide range of literacy dimensions. It offers unique perspectives through a critical reflection on issues related to power, ownership, identity, and the social construction of literacy in multilingual societies. As a resource for use in language teacher preparation programs globally, this book will provide a range of theoretical and practical perspectives while creating space for pre- and in-service teachers to grapple with the ideas in light of their respective contexts.

ISBN: 9781799827221
Release Date: March, 2020
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Pages: 767

Pricing:

Hardcover: US $255.00
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Topics Covered:

- Activism
- Civic Engagement
- Cultural Responsiveness
- Empowerment
- Global Engagement
- Heritage Language Use
- Literacy
- Multilingual Literacy
- Pedagogy
- Teacher Education

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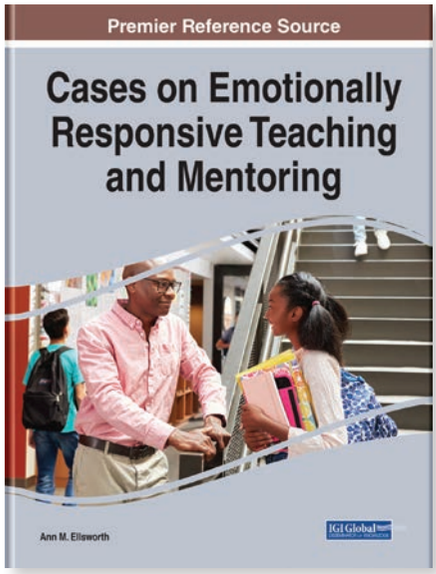

情感反应教学与辅导案例

Part of the Advances in Early Childhood and K-12 Education Book Series

Prof. Ann M. Ellsworth (Montana State University, USA)

ISBN: 9781799829713
Release Date: March, 2020
Copyright: 2020
Pages: 296

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Description:

Educators who work with pre-service teachers understand the significant role they play in mentoring the next generation of teachers. Those who have "walked the talk" and been classroom teachers themselves, working with students daily over the course of a school year, can share powerful stories on transformative teaching. To fully prepare tomorrow's teachers, educators need to mix theory about best practice with the reality of teaching in classrooms.

Cases on Emotionally Responsive Teaching and Mentoring provides a collection of case studies from former classroom teachers who now work with pre-service teachers to provide an understanding of the expectations and outcomes of teaching through actual K-12 teaching experiences. Featuring coverage on a broad range of topics such as cultural identity, teacher development, and learner diversity, this book is ideally designed for pre-service teachers, mentors, educators, administrators, professors, academicians, and students seeking current research on the diverse nature of schools, children, and learning and applying concepts to best suit the profession.

Topics Covered:

- Adverse Experiences
- Childhood Trauma
- Cultural Identity
- Emotional Growth
- Learner Diversity
- Nonviolence Education
- Rural Education
- Student-Teacher Relationships
- Teacher Development
- Urban Education

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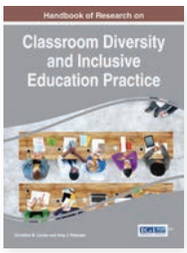
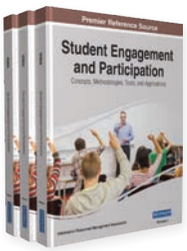


Handbook of Research on Classroom Diversity and Inclusive Education Practice
© 2017; 552 pp.



Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,595 pp.

外语和第二语言学习与教学中的新技术应用

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Mariusz Kruk (University of Zielona Góra, Poland) and Mark Peterson (Kyoto University, Japan)

Description:

Population diversity is becoming more prevalent globally with increasing immigration, emigration, and refugee placement. These circumstances increase the likelihood that a child will be raised speaking a different language in the home than the common language used in each country. This necessitates the development of comprehensive strategies that promote second language learning through the adoption of new technological advancements.

New Technological Applications for Foreign and Second Language Learning and Teaching is a scholarly publication that explores how the latest technologies have the potential to engage foreign and second language learners both within and outside the language classroom and to facilitate language learning and teaching in the target language. Highlighting a range of topics such as learning analytics, digital games, and telecollaboration, this book is ideal for teachers, instructional designers, curriculum developers, IT consultants, educational software developers, language learning specialists, academicians, administrators, professionals, researchers, and students.

ISBN: 9781799825913
Release Date: March, 2020
Copyright: 2020
Pages: 388

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Course Design
- Digital Environments
- Digital Games
- Evaluation
- Immersive Virtual Reality
- Language Learning Systems
- Learning Analytics
- Online Learning
- Special Education
- Telecollaboration

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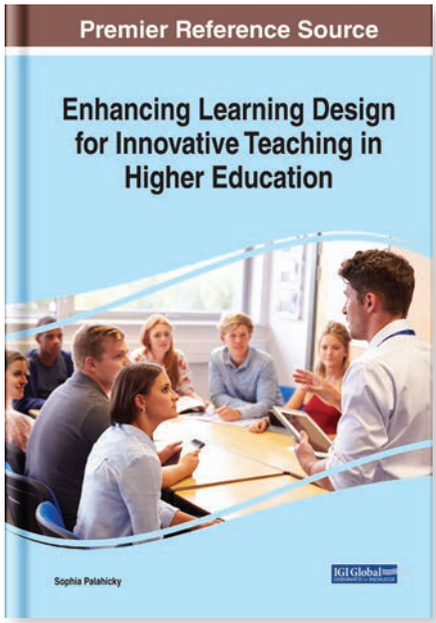

ISBN: 9781799829430
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Pages: 400

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加强学习设计促进高等教育创新教学

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Sophia Palahicky (Royal Roads University, Canada)

Description:

The higher education landscape is embracing the call to be innovative, yet scholars have not clearly defined what it means to innovate. Innovation is not limited to the use and adoption of educational technologies, and it encompasses a broad array of elements that must be considered if we are to truly aspire toward innovative teaching in higher education.

Enhancing Learning Design for Innovative Teaching in Higher Education is a critical scholarly publication that examines how instructional systems design, instructional design, educational technologies, curriculum design, and program design impact innovation and innovative teaching in higher education. The book offers definitions of innovative teaching and examines critical intersections to achieve innovation and innovative teaching in post-secondary environments. Highlighting a wide range of topics such as program mapping and learning design, this book is essential for academicians, administrators, professionals, curriculum developers, instructional designers, K-12 teachers, educational technologists, researchers, and students.

Topics Covered:

- Curriculum Development
- Educational Technologies
- Higher Education
- Innovative Instructor
- Innovative Teaching
- Instructional Design
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- Learning Design
- Program Design
- Program Mapping

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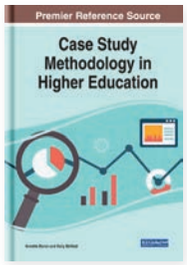

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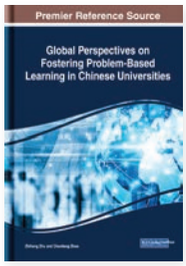

Global Perspectives on Fostering Problem-Based Learning in Chinese Universities
© 2019; 350 pp.

增强学校的多元文化与和平建设能力

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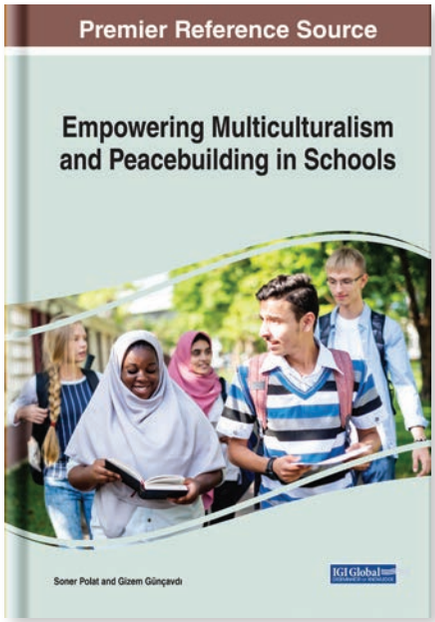
Profs. Soner Polat (Kocaeli University, Turkey) and Gizem Günçavdı (Kocaeli University, Turkey)



Description:

With modern globalization and technological improvements, people from different cultural backgrounds have more opportunity to interact. These differences can be seen across various communities, from familial to organizational, so peacekeeping strategies become essential when navigating global communities. Since these various cultures collect in schools, teaching students to become peacemakers by encouraging skills that include intercultural communication, intercultural sensitivity, and intercultural competence are essential for structuring a peaceful and harmonious society.

Empowering Multiculturalism and Peacebuilding in Schools is an essential research publication that provides comprehensive research on peacebuilding and multiculturalism in terms of educational organizations as well as the skills that need to be taught to students in order to promote peaceful interaction and inclusivity. Featuring a wide range of topics such as cyberbullying, restorative instruction, and intercultural education, this book is ideal for teachers, academicians, administrators, principals, professional development experts, curriculum designers, researchers, managers, and students.

Topics Covered:

- Cyberbullying
- Discrimination
- Educational Environment
- Higher Education
- Intercultural Education
- Peace Building Leadership
- Peace Education
- Prejudice
- Restorative Instruction
- School Conflict

ISBN: 9781799828273
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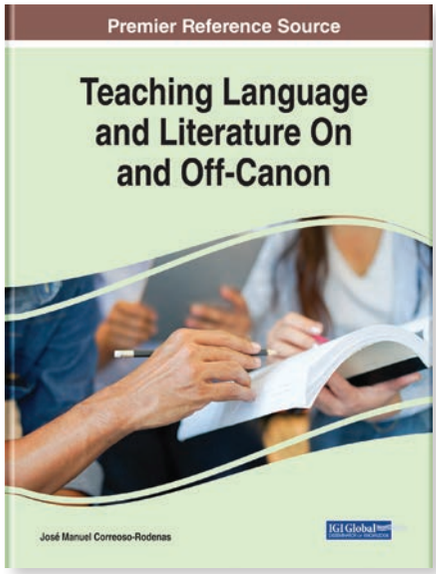

论正典内外的语言文学教学

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Prof. José Manuel Correoso-Rodenas (Universidad Complutense de Madrid, Spain)

Description:

Language and literature teaching are a keystone in the age of STEM, especially when dealing with minority communities. Practical methodologies for language learning are essential for bridging the cultural gap.

Teaching Language and Literature On and Off-Canon is a critical research publication that provides a multidisciplinary, multimodal, and heterogenous perspectives on the applications of language learning and teaching practices for commonly studied languages, such as Spanish, English, and French, and less-studied languages, such as Latin, Gaelic, and ancient Semitic languages. Highlighting topics such as language acquisition, artistic literature, and minority languages, this book is essential for language teachers, linguists, academicians, curriculum designers, policymakers, administrators, researchers, and students.

ISBN: 9781799833796
Release Date: June, 2020
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Pages: 370

Pricing:

Hardcover: US $195.00
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Topics Covered:

- Artistic Literature
- Celtic Languages
- Cultural Community
- Language
- Language Acquisition
- Literature
- Minority Languages
- Multidisciplinary Learning
- Second Language Learning
- Semitic Language

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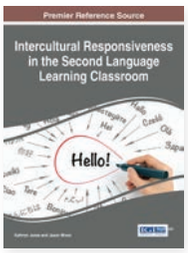


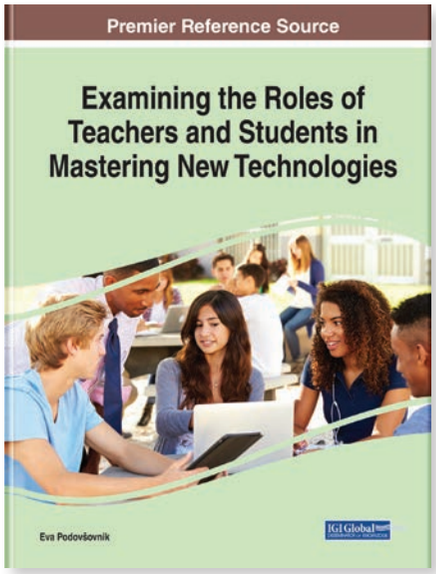
Intercultural Responsiveness in the Second Language Learning Classroom
© 2017; 327 pp.

Study Abroad Contexts for Enhanced Foreign Language Learning
© 2018; 342 pp.

审视教师和学生在掌握新技术中的职责

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Eva Podovšovnik (University of Primorska, Slovenia)



Description:

The development of technologies, education, and economy play an important role in modern society. Digital literacy is important for personal development and for the economic growth of society. Technological learning provides students with specific knowledge and capabilities for using new technologies in their everyday lives and in their careers.

Examining the Roles of Teachers and Students in Mastering New Technologies is a critical scholarly resource that examines computer literacy knowledge levels in students and the perception of computer use in the classroom from various teacher perspectives. Featuring a wide range of topics such as higher education, special education, and blended learning, this book is ideal for teachers, instructional designers, curriculum developers, academicians, policymakers, administrators, researchers, and students.

Topics Covered:

- Blended Learning
- Curriculum Design
- Digital Education
- Digital Literacy
- Educational Technologies
- Higher Education
- ICT Adoption
- Mediation
- Pedagogy
- Special Education

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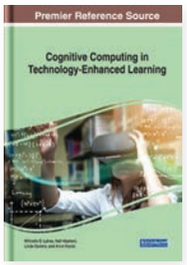

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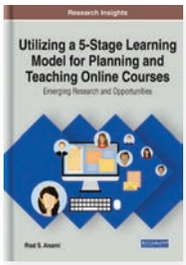

Utilizing a 5-Stage Learning Model for Planning and Teaching Online Courses: Emerging Research and Opportunities
© 2020; 168 pp.

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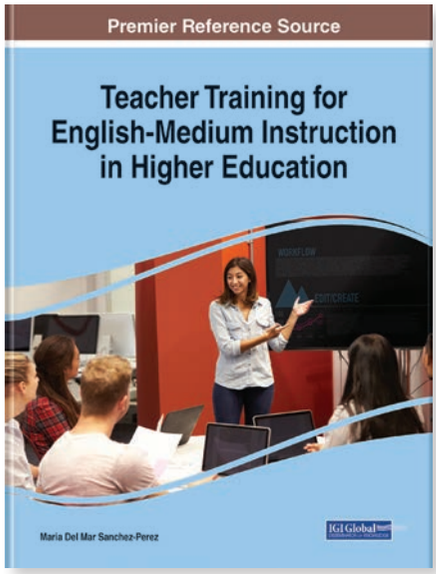

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高等教育教师英语教学培训

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Maria del Mar Sánchez-Pérez (University of Almeria, Spain)

Description:

English-medium instruction (EMI) has become a pervasive teaching model in recent higher education. The implementation of EMI programs requires changes in university teaching methods since most lecturers need to adapt their contents and the way they teach them to successfully work in foreign language environments. The rapid proliferation of such programs has resulted in concern among teaching staff, who have felt pushed towards teaching their subject content through a non-native language with little or no previous training. As a result, many recent studies have highlighted the importance and urgency to train teaching staff in terms of language proficiency and the appropriate teaching methods, techniques, and strategies to be applied in EMI lessons.

Teacher Training for English-Medium Instruction in Higher Education is an academic research publication that provides comprehensive research on effective approaches and experiences in teacher training for EMI at universities both in terms of language skills and teaching methodologies and that analyzes the design and development of comprehensive teacher training programs that successfully engage these EMI programs. It has profound implications for the development of the international profile of higher education institutions as it provides information on how to train highly-qualified lecturers to successfully teach students from different nationalities. Featuring a wide range of topics such as assessment, curriculum design, and learning styles, this book is ideal for pre- and in-service teachers, language specialists, content specialists, administrators, deans, higher education faculty, researchers, practitioners, curriculum designers, policymakers, academicians, and students.

Topics Covered:

- Assessment
- Classroom Management
- Curriculum Design
- English-Medium Instruction (EMI)
- Higher Education
- Language Acquisition
- Learning Styles
- Lesson Planning
- Pedagogy
- Policy
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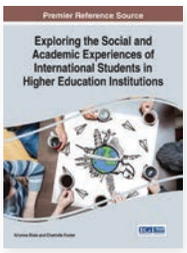

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
© 2016; 363 pp.

用现代技术丰富教学环境

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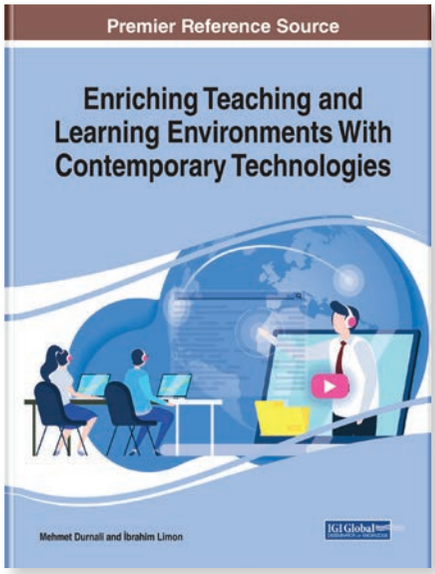
Profs. Mehmet Durnali (Ereğli Faculty of Education, Zonguldak Bülent Ecevit University, Turkey) and İbrahim Limon (Ministry of National Education, Turkey)



Description:

Educational technologies have revolutionized the learning and teaching environments. Offline/online applications and social media have changed the conventional learning and teaching habits and competencies. In terms of learners, it has been empirically proven that the use of educational technologies in the classroom make learning easier and more enjoyable. On the other hand, it also poses threats to students such as cyberbullying and online addiction. While exploiting the opportunities of technological use in the classroom, educators must also remain vigilant and formulate ways to overcome the challenges and risks brought by technology.

Enriching Teaching and Learning Environments With Contemporary Technologies is an essential research publication that aims to present exemplary practices of technology use and their management in pedagogical purposes in learning and teaching environments. The book also analyzes problems that may arise and develops policies on educational technologies and the exploitation of technology with pedagogical purposes as part of the discussion to solve these challenges. Featuring a wide range of topics such as augmented reality, mass media, and religious education, this book is ideal for educators who want to use technology in class, educational administrators who have responsibilities for developing policies on educational technologies and managing the use of them, and researchers who want to carry out a deep investigation into the subject.

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Release Date: February, 2020
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Pages: 329

Pricing:

Hardcover: US $195.00
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Topics Covered:

- Augmented Reality
- Distance Education
- English Language Teachers
- Language Learning
- Mass Media
- Physical Education
- Professional Development
- Religious Education
- Social Studies Education
- Sports Education
- Student Engagement

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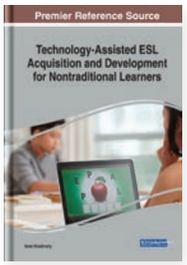

Technology-Assisted ESL Acquisition and Development for Nontraditional Learners
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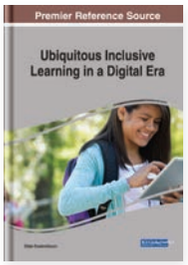

Ubiquitous Inclusive Learning in a Digital Era
© 2019; 300 pp.

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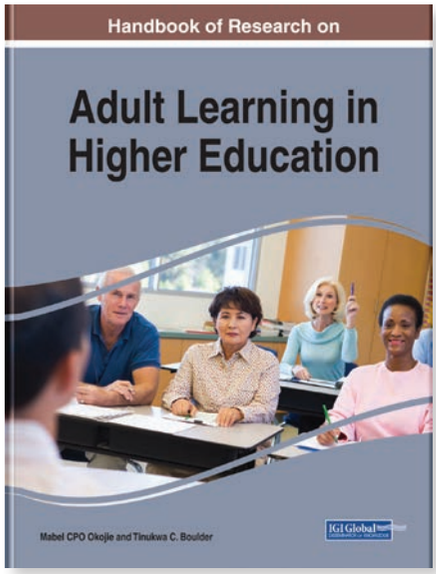

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Profs. Mabel C.P.O. Okojie (Mississippi State University, USA) and Tinukwa C. Boulder (University of Pittsburgh, USA)

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Description:

In today's globalized world, professional fields are continually transforming to keep pace with advancing methods of practice. The theory of adult learning, specifically, is a subject that has seen new innovations and insights with the advancement of online and blended learning. Examining new principles and characteristics in adult learning is imperative, as emerging technologies are rapidly shifting the standards of higher education.

The **Handbook of Research on Adult Learning in Higher Education** is a collection of innovative research on the methods and applications of adult education in residential, online, and blended course delivery formats. This book will focus on the impact that culture, globalization, and emerging technology currently has on adult education. While highlighting topics including andragogical principles, professional development, and artificial intelligence, this book is ideally designed for teachers, program developers, instructional designers, technologists, educational practitioners, deans, researchers, higher education faculty, and students seeking current research on new methodologies in adult education.

Topics Covered:

- Adult Education
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- Artificial Intelligence
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- Instruction Design
- Netnegraphic Research
- Online Learning
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- Simulation
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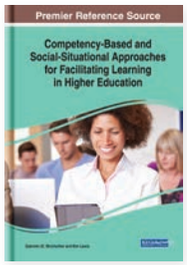

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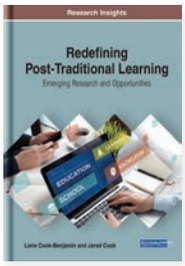

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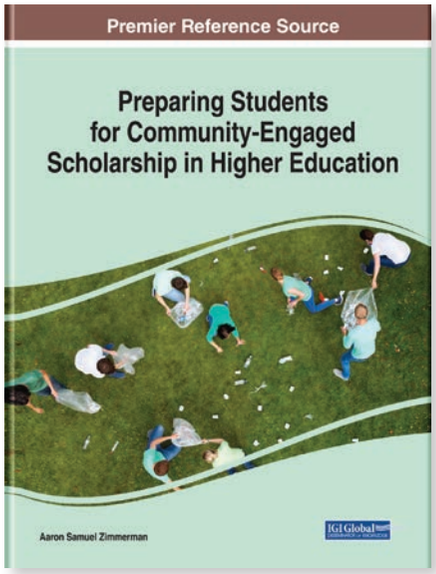

Description:

Community-engaged scholarship is an equitable and democratic approach to scholarship that seeks to identify and solve community-based problems. Community-engaged scholars aim to serve the public good by developing and sustaining community-campus partnerships built on trust, reciprocity, and mutual benefit. As universities orient themselves towards serving the public good, they face a number of challenges: faculty and students may not possess the competencies or commitment to build fruitful community partnerships, graduate and undergraduate students may lack the necessary training and mentorship required to develop their identity as community-engaged scholars, and institutional leaders may not know how to motivate faculty and students for this ambitious and challenging endeavor. Unless these challenges are addressed, universities will fail to prepare the next generation of community-engaged scholars.

Preparing Students for Community-Engaged Scholarship in Higher Education is an essential research book that explores how faculty and academic leaders can create learning opportunities and intellectual cultures that support the development of community-engaged scholars. Additionally, it will examine how university coursework can help undergraduate and graduate students to develop the knowledge, skills, and commitments necessary for productive and responsible community-engaged scholarship. Featuring a range of topics such as mentorship, higher education, and service learning, this book is ideal for higher education faculty, university leaders, deans, chairs, educators, administrators, policymakers, curriculum designers, academicians, researchers, and students.

ISBN: 9781799822080
Release Date: February, 2020
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Topics Covered:

- Civic Engagement
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- Community-Campus Partnerships
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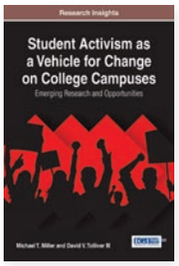

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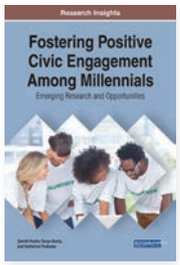

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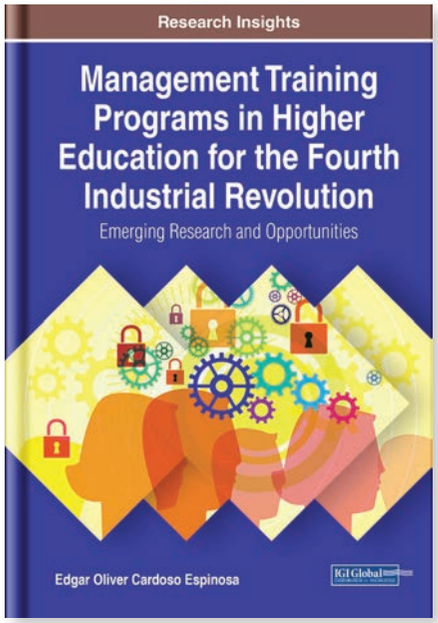

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Part of the Advances in Higher Education and Professional Development Book Series

Prof. Edgar Oliver Cardoso Espinosa (Instituto Politécnico Nacional, Mexico)

Description:

Management Training Programs in Higher Education for the Fourth Industrial Revolution: Emerging Research and Opportunities delivers emerging research investigating empirical studies on the formation of management competences in higher education in the context of the Fourth Industrial Revolution in regards to its development and linkage with the business sector in order to offer educational strategies at the national and international level. Featuring coverage on a broad range of topics such as sustainable development, circular economics, and big data analysis, this book is ideally designed for academicians, educators, executives, managers, entrepreneurs, organizational development specialists, consultants, policymakers, researchers, administration professionals, and high-level students.

Topics Covered:

- Big Data
- Circular Economics
- Digital Technology
- Educational Management
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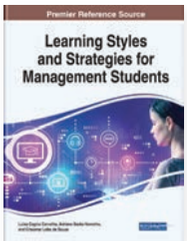

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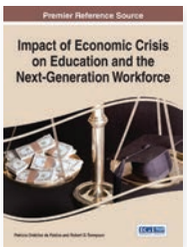

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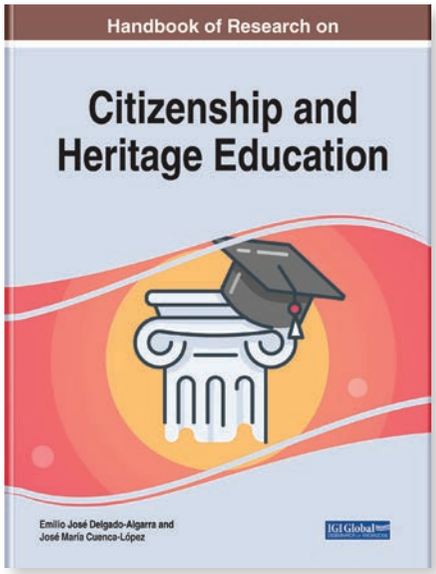

Description:

Cultural competence in education promotes civic engagement among students. Providing students with educational opportunities to understand various cultural and political perspectives allows for higher cultural competence and a greater understanding of civic engagement for those students.

The **Handbook of Research on Citizenship and Heritage Education** is a critical scholarly book that provides relevant and current research on citizenship and heritage education aimed at promoting active participation and the transformation of society. Readers will come to understand the role of heritage as a symbolic identity source that facilitates the understanding of the present and the past, highlighting the value of teaching. Additionally, it offers a source for the design of didactic proposals that promote active participation and the critical conservation of heritage. Featuring a range of topics such as educational policy, curriculum design, and political science, this book is ideal for educators, academicians, administrators, political scientists, policymakers, researchers, and students.

Topics Covered:

- Citizenship Education
- Curriculum Design
- Educational Policy
- Heritage Conservation
- Heritage Education
- Identity
- Pedagogy
- Political Science
- Social Sciences
- Student Engagement

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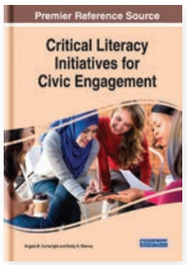

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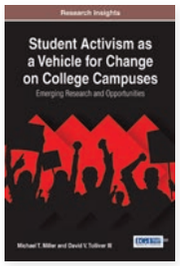

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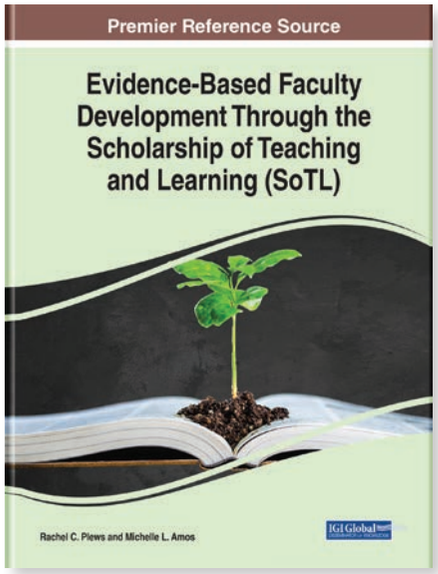

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Profs. Rachel C. Plews (Haute école pédagogique du canton de Vaud, Switzerland) and Michelle L. Amos (University of Central Missouri, USA)

Description:

Educational developers play a central role in supporting faculty members and informing their ongoing professional development programming through the scholarship of teaching and learning (SoTL). SoTL presents an opportunity for faculty professional development that is action-oriented, evidence-based, and engaging for faculty members at any stage in their academic career.

Evidence-Based Faculty Development Through the Scholarship of Teaching and Learning (SoTL) is a critical scholarly publication that examines SoTL research as a method of professional development for educational developers and higher education faculty members. Highlighting topics such as professional development, research ethics, and faculty engagement, this book is ideal for deans, professors, department chairs, academicians, administrators, educational developers, curriculum designers, researchers, and students.

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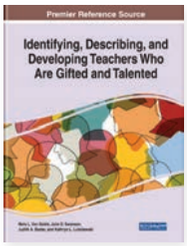

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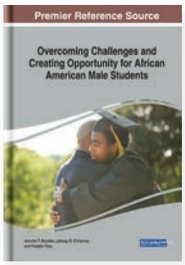
© 2019; 302 pp.



Overcoming Challenges and Creating Opportunity for African American Male Students
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利用五阶段学习模式规划和教授在线课程：新兴研究和机遇

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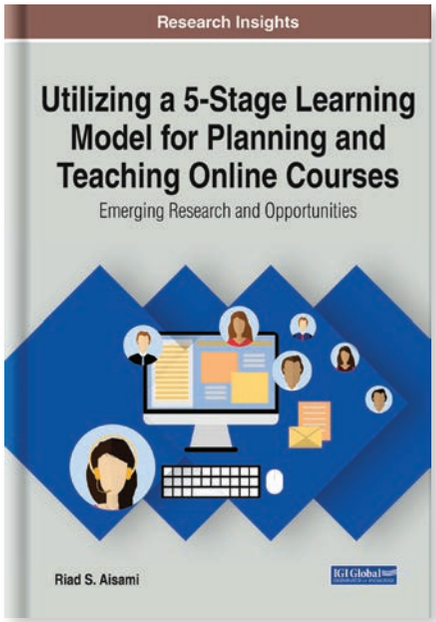

Description:

When the internet became a viable instructional delivery medium, online learning began to rapidly expand. Shortly thereafter, the need for online teaching approaches promptly emerged. As web-based technologies evolve rapidly, online planning and teaching skills are becoming even more necessary prerequisites for online teaching.

Utilizing a 5-Stage Learning Model for Planning and Teaching Online Courses: Emerging Research and Opportunities is a cutting-edge scholarly publication that combines the instructional system design approach (ISD) with the current and emerging instructional technologies for planning and teaching effective and successful online courses. It also offers recommendations that focus on best practice experiences for engaging online students and motivating them to be active participants in an online class. Highlighting a range of topics such as data analysis, educational collaboration, and student engagement, this book is essential for instructional designers, curriculum developers, educational software developers, academicians, teachers, administrators, researchers, and students. It can also be used by training specialists who are employed by universities, cooperation, or government agencies and charged to develop and teach online classes of professional development or web-based military trai

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Topics Covered:

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- Curriculum Design
- Data Analysis
- Educational Collaboration
- Instructional Design
- Instructional Materials
- Learning Community
- Online Assessment
- Online Education
- Student Engagement

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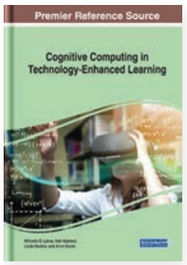

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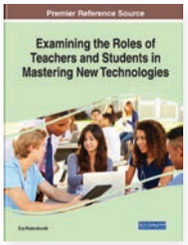

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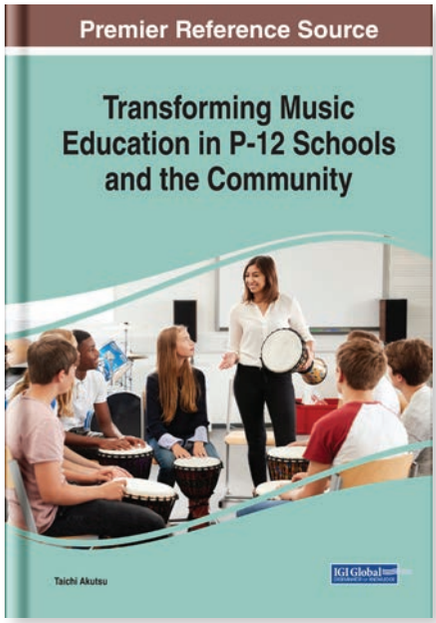

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转变P-12学校和社区的音乐教育

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Taichi Akutsu (Okayama Prefectural University, Japan & Seisa University, Japan)

Description:

Though culture can affect different countries' preferences for musical style, musicking is a worldwide trend that produces enjoyment for all. However, there is a divide between professional music performance and music education. In order to better engage students, a musicking approach must be implemented into educational curricula and used to promote a platform for inclusivity and community enrichment.

Transforming Music Education in P-12 Schools and the Community is a critical scholarly publication that traces the theoretical foundation of current beliefs and practices surrounding music performance and education and discusses how to transform teaching and learning by implementing musicking. The book covers musical engagement for young children and families, universal design in music education in special and inclusive education settings, critical approaches of music teaching and learning in P-12 schools, and reaching communities. It is essential for music teachers, conductors, music directors, instructional designers, academicians, educational professionals, administrators, researchers, and students.

Topics Covered:

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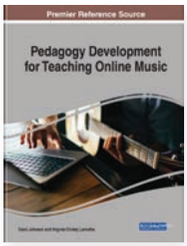

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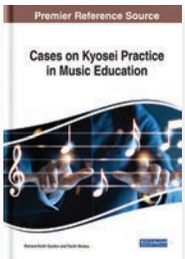

Cases on Kyosei Practice in Music Education
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基于信息和通信技术的非正式语言学习的增强和限制：新兴研究和机遇

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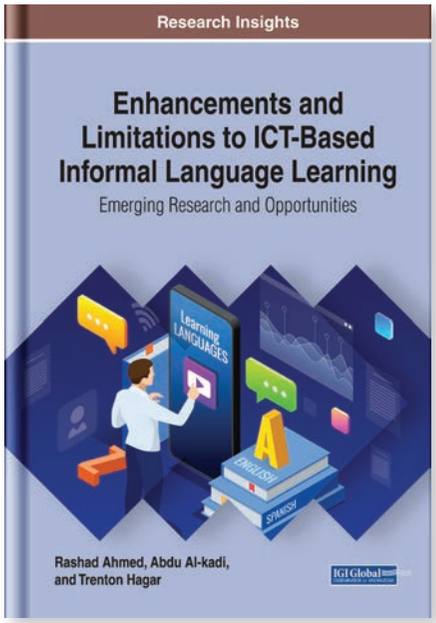

Description:

In today's modernized world, digital technology has taken the forefront in all aspects of society, including education. Students have access to numerous electronic devices, which has made online learning materials highly accessible. These technological impacts have blurred the distinction between formal and informal language learning methods. Informally learned English has lost proficiency when assessing student performance. Sizable research is necessary to study and understand the informal methods of language learning using technology.

Enhancements and Limitations to ICT-Based Informal Language Learning: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the implementation of technological opportunities within informal language teaching methods along with the drawbacks that limit its efficiency. While highlighting topics such as acculturation, student perception, and autonomous applications, this publication explores how learners perform ICT-based activities beyond the classroom and assesses the linguistic gains generated by informal ICT uses. This book is ideally designed for teachers, IT consultants, educational software developers, researchers, policymakers, and academic professionals seeking current research on technological techniques within second language learning and teaching.

Topics Covered:

- Acculturation
- Autonomous Applications
- Employed Devices
- Formalization Techniques
- Intercultural Communication
- Language Impacts
- Learning Strategies
- Proficiency
- Student Perception
- Teacher Perception

ISBN: 9781799821168
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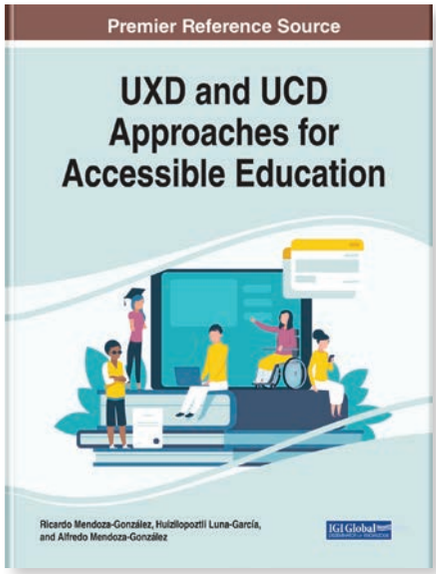

无障碍教育的UXD和UCD方法

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Profs. Ricardo Mendoza-González (Tecnológico Nacional de México, Instituto Tecnológico de Aguascalientes, Mexico), Huizilopoztli Luna-García (Universidad Autónoma de Zacatecas, Mexico), and Alfredo Mendoza-González (Universidad Autónoma de Zacatecas, Mexico)

Description:

It is widely agreed throughout the world that education and access to education are human rights. In order to accommodate the educational needs of people globally, technology will be required that supports inclusion and promotes equity for both learning processes and governance in educational institutions. In order to achieve this, technological resources must be designed to be accessible and usable for all individuals by implementing user-centered design (UCD) and user experience design (UXD) processes.

UXD and UCD Approaches for Accessible Education is an academic research publication that explores thoughts and experiences on accessible and equitable education from perspectives on human-computer interaction, user research, and design thinking. It seeks to improve the understanding on how technology should be designed to truly contribute to and support accessibility and equity in education. Featuring a wide range of topics such as online courses, inclusive education, and virtual reality, this publication is essential for academicians, curriculum designers, researchers, instructional designers, educational software developers, IT consultants, policymakers, administrators, and students.

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- Accessible Learning
- Distance Education
- Inclusive Education
- Institutional Governance
- Instructional Design
- Learning Environment Design
- Mobile Games
- Online Courses
- Open Educational Resources (OERs)
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Handmade Teaching Materials for Students With Disabilities
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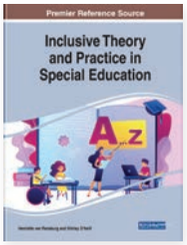

Inclusive Theory and Practice in Special Education
© 2020; 425 pp.

高等教育对指数级社会变迁的反应

Part of the Advances in Higher Education and Professional Development Book Series

Profs. Jerrid P. Freeman (Northeastern State University, USA), Cari L. Keller (Northeastern State University, USA), and Renee L. Cambiano (Northeastern State University, USA)

Description:

Based on a structure developed centuries ago, higher education systems are being challenged to alter their landscape and culture. With a rapidly changing knowledge base, job market, and societal and community needs, it is imperative that higher education systems remain adaptive and responsive. However, critical changes must still occur within the higher education system in order to accommodate these new societal needs.

Higher Education Response to Exponential Societal Shifts is a critical scholarly publication that provides cutting-edge research on the facilitation of professional growth and commitment to lifelong learning and empowers leaders to be change agents who creatively solve leadership challenges. The book promotes the development of leaders who are committed to service, fairness, equity, and cross-disciplinary collaboration in diverse communities and the global venue and prepares them with the vital knowledge and skills needed to become effective leaders in today's complex world. Featuring a wide range of topics such as faculty development, accreditation, and higher education, this book is ideal for teachers, deans, chancellors, provosts, academicians, administrators, policymakers, curriculum designers, researchers, and students.

Topics Covered:

- Accreditation
- Digital Marketing
- Diversity
- Economics
- eSports
- Faculty Development
- Faculty Leadership
- Gaming
- Higher Education
- Organizational Structure

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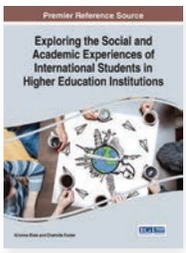

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
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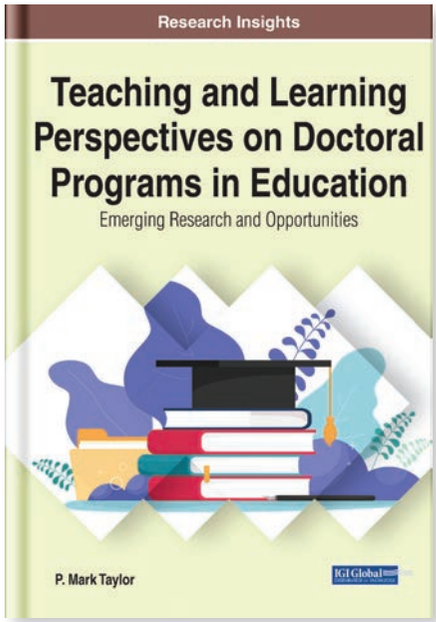

教育学博士课程的教学观：新兴研究与机遇

Part of the Advances in Higher Education and Professional Development Book Series

Prof. P. Mark Taylor (Carson-Newman University, USA)

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Description:

Doctoral programs are an important feature of academia. They foster professional development among future researchers and academicians. Ensuring the quality of these programs and providing quality mentorship encourages success among program participants and provides a high quality of preparedness for the professional world.

Teaching and Learning Perspectives on Doctoral Programs in Education: Emerging Research and Opportunities is a critical scholarly publication that examines the effectiveness of doctoral programs and strategies for successful academic advisement. The book explores doctoral programs from three perspectives: designing a doctoral program, teaching/mentoring within a doctoral program, and being a student in a doctoral program. Featuring a wide range of topics such as higher education, professional development, and program design, this book is ideal for instructional designers, academicians, academic advisers, administrators, researchers, education professionals, and doctoral students attempting to successfully navigate a doctoral program.

Topics Covered:

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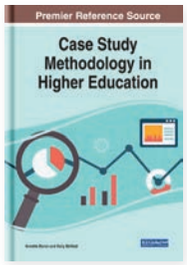

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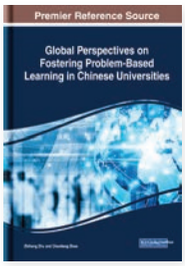

Global Perspectives on Fostering Problem-Based Learning in Chinese Universities
© 2019; 350 pp.

适用于21世纪教师的少教、多学（TLLM）教学法

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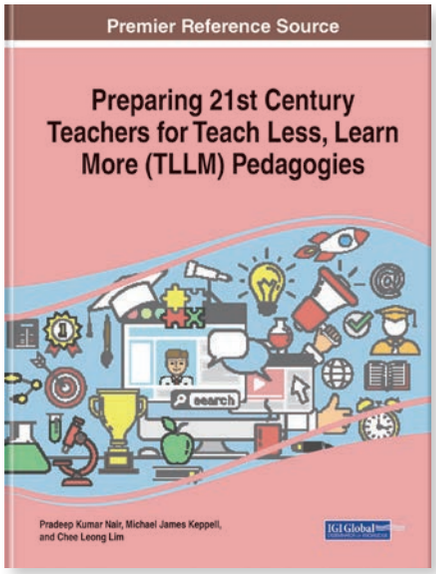
Profs. Pradeep Kumar (Taylor's University, Malaysia), Michael James Keppell (Taylor's University, Malaysia), and Chee Leong Lim (Taylor's University, Malaysia)



Description:

The current trend of learner centeredness in education has been challenging many of the current ways of working, especially in higher education institutions. This rapid change in educational institutions demands educators acquire new sets of skills via continuous reflective practices. Hence, educators in higher education institutions are actively involved in research-driven teaching and learning practices. This change of role from mere content delivery to learning facilitators could be better achieved through a strong research-driven community of practice.

Preparing 21st Century Teachers for Teach Less, Learn More (TLLM) Pedagogies is a pivotal reference source that provides vital research on the application of practice-based learning techniques in higher education institutions. This publication establishes a platform for academics to share their best practices to promote teach less, learn more pedagogies and learn reciprocally from the community of practice. While highlighting topics such as interactive learning, experiential technology, and logical thinking skills, this book is ideally designed for teachers, instructional designers, higher education faculty, deans, researchers, professionals, universities, academicians, and students seeking current research on transformative learning and future teaching practices.

Topics Covered:

- Collaborative Learning Systems
- Curriculum Development
- Experiential Technology
- Foreign Language Practice
- Humanization
- Industrial Revolution 4.0
- Interactive Learning
- Logical Thinking Skills
- Neuro-Linguistic Programming
- Online Learning

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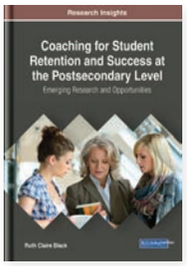
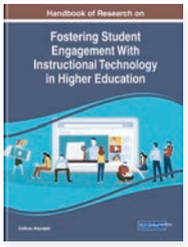


Coaching for Student Retention and Success at the Postsecondary Level: Emerging Research and Opportunities
© 2019; 211 pp.



Handbook of Research on Fostering Student Engagement With Instructional Technology in Higher Education
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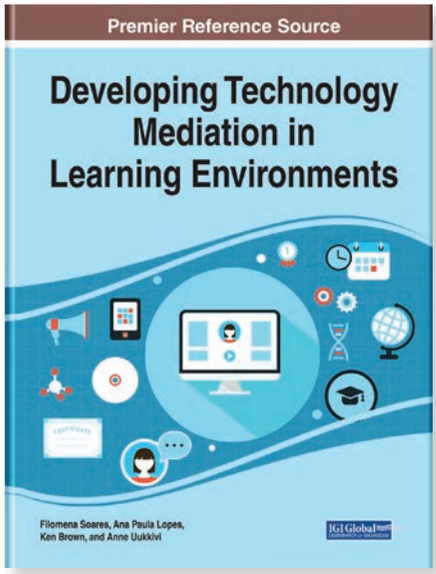

学习环境中技术协调的推进

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Profs. Filomena Soares (Polytechnic of Porto, Portugal), Ana Paula Lopes (Polytechnic of Porto, Portugal), Ken Brown (Letterkenny Institute of Technology, Ireland), and Anne Uukkivi (TTK University of Applied Sciences, Estonia)

Description:

Most technologies have been harnessed to enable educators to conduct their business remotely. However, the social context of technology as a mediating factor needs to be examined to address the perceptions of barriers to learning due to the lack of social interaction between a teacher and a learner in such a setting.

Developing Technology Mediation in Learning Environments is an essential reference source that widens the scene of STEM education with an all-encompassing approach to technology-mediated learning, establishing a context for technology as a mediating factor in education. Featuring research on topics such as distance education, digital storytelling, and mobile learning, this book is ideally designed for teachers, IT consultants, educational software developers, researchers, administrators, and professionals seeking coverage on developing digital skills and professional knowledge using technology.

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Topics Covered:

- Curriculum Development
- Digital Divide
- Digital Storytelling
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- Work Methodology
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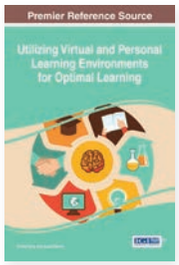
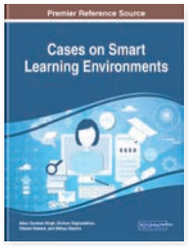


Utilizing Virtual and Personal Learning Environments for Optimal Learning
© 2016; 375 pp.



Cases on Smart Learning Environments
© 2019; 421 pp.

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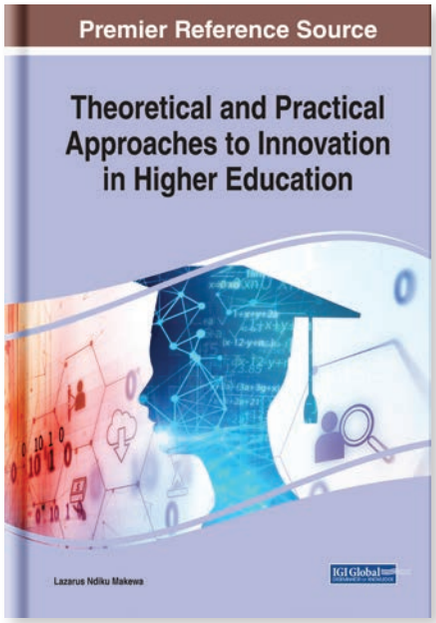

Description:

Education badly needs effective innovations that can help produce high-quality learning outcomes across the system. The primary focus of educational innovations should be on teaching and learning theory and practice, as well as on the learner, parent, community, society, and culture. Technology applications need a solid theoretical foundation based on purposeful, systemic research, and a sound pedagogy.

Theoretical and Practical Approaches to Innovation in Higher Education is an essential scholarly publication that outlines the classification of innovations, discusses the hurdles to innovation, and offers ways to increase the scale and rate of innovation-based transformations in the education system. The publication argues that raising the quality and scale of innovations in education will positively affect education itself and benefit society. Highlighting topics such as academic integrity, e-learning, and learner engagement, this book is vital for higher education professionals, academicians, educators, librarians, course designers, researchers, and students.

Topics Covered:

- Academic Integrity
- Blended Learning
- Cooperative Learning
- Cultural Community
- E-Learning
- Economy
- Education Preparation Providers (EPPs)
- Education Systems
- Higher Education
- Learner Engagement
- Online Courses
- Social Capital

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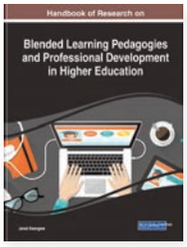
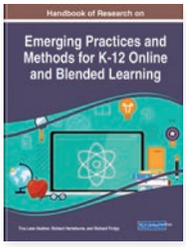


Handbook of Research on Blended Learning Pedagogies and Professional Development in Higher Education
© 2019; 437 pp.



Handbook of Research on Emerging Practices and Methods for K-12 Online and Blended Learning
© 2019; 608 pp.

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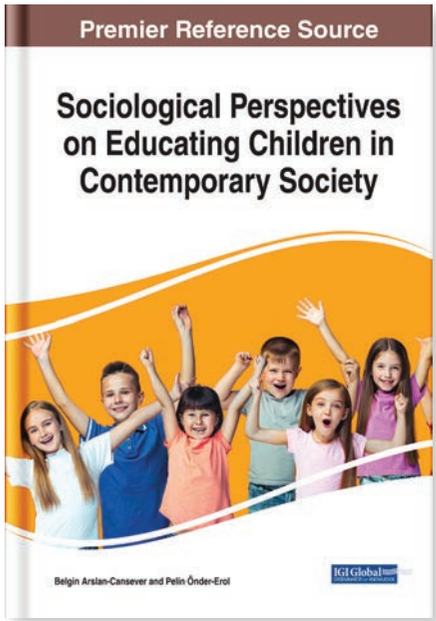

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当代社会儿童教育的社会学剖析

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Belgin Arslan-Cansever (Ege University, Turkey) and Pelin Önder-Erol (Ege University, Turkey)

Description:

Children of the post-industrial society must achieve financial status by their own efforts sustained from early periods life and are supposed to be equipped with various qualities, both in terms of formal and informal education and extracurricular and leisure activities. Contemporary children almost inherently know how to use the devices of information technology, and through these devices, they encounter ideas, languages, etc. that are different from the ones immediately experienced within their social frame. Consequently, students themselves demand new inclusive teaching practices that expose them to global cultures.

Sociological Perspectives on Educating Children in Contemporary Society is a collection of innovative research on the methods and applications of how culture influences the way children are educated. While highlighting topics including global economics, multicultural teaching, and education differentiation, this book is ideally designed for teachers, sociologists, school administrators, curriculum designers, course developers, academics, researchers, and students seeking current research on the interrelationship between children, education, and society.

Topics Covered:

- Conflict Resolution
- Cultural Capital
- Cyberbullying
- Education Differentiation
- Entrepreneurship
- Global Economics
- Globalized Education
- Multicultural Teaching
- Political Literacy
- Private Education

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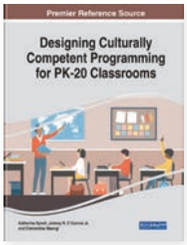


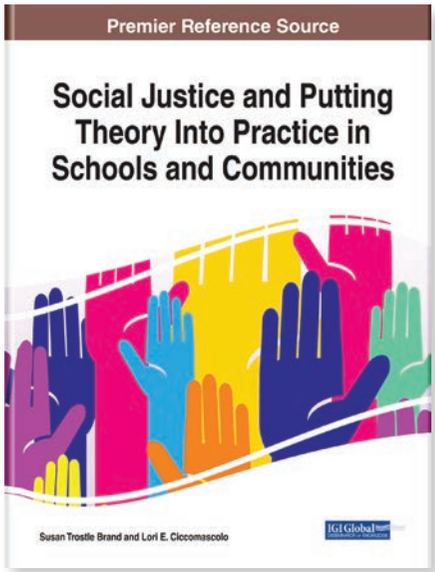
Designing Culturally Competent Programming for PK-20 Classrooms
© 2021; 300 pp.

Handbook of Research on Organizational Justice and Culture in Higher Education Institutions
© 2016; 571 pp.

社会公正与理论在学校与社区实践中的运用

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Susan Trostle Brand (University of Rhode Island, USA) and Lori E. Ciccomascolo (University of Rhode Island, USA)



Description:

Educators in the K-12 and adult education milieu, including pre- and in-service educators, are expected to address, in and outside of the classroom, significant political and social issues including increased homelessness, food insecurity, poverty, gender dysphoria, school bullying, and marginalization of the LGBTQ population. Educators seek swift solutions to the situations at hand that will benefit K-12 students.

Social Justice and Putting Theory Into Practice in Schools and Communities is an essential research publication that provides detailed research on the creation and implementation of social justice strategies in educational settings. Highlighting a wide range of topics such as gender equality, academic standards, and special education, this book is ideal for educators, sociologists, academicians, researchers, and curriculum designers.

Topics Covered:

- Academic Standards
- Bullying
- Critical Thinking
- Gender Equality
- Health Education
- K-12 Education
- LGBTQ+
- Pop Culture
- Social Justice
- Special Education

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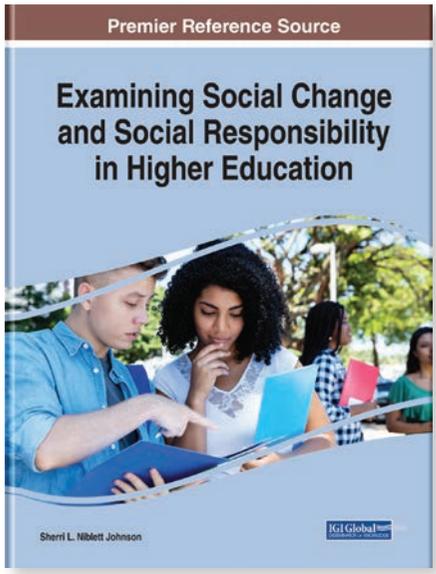

审视高等教育中的社会变迁与社会责任

Part of the Advances in Higher Education and Professional Development Book Series

Prof. Sherri L. Niblett Johnson (Delaware Technical Community College, USA)

Description:

Higher education has seen an increase in attention to social change and social responsibility. Providing best practices in these areas will help professionals to create methods for change and suggestions for unity on a global level.

Examining Social Change and Social Responsibility in Higher Education is an essential research publication that explores current cultural norms and their influence on curriculum and educational environments and intends to improve the understanding of social change and social responsibility at different sociological levels within various fields pertaining to higher education. Highlighting topics such as campus safety, social justice, and mental health, this book is ideal for academicians, professionals, researchers, administrators, and students working in various disciplines (e.g., academic advising, leadership, higher education, adult education, campus climate, Title IX, SAVE/VAWA, and more). Moreover, the book will provide insights and support executives concerned with the management of expertise, knowledge, information, and organizational development in different types of work communities and environments.

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Topics Covered:

- Academic Advising
- Campus Safety
- Educational Leadership
- Higher Education
- Mental Health
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- Vulnerable Populations

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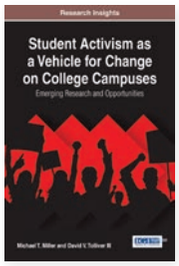
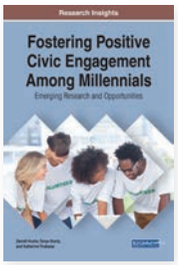


Student Activism as a Vehicle for Change on College Campuses: Emerging Research and Opportunities
© 2017; 118 pp.



Fostering Positive Civic Engagement Among Millennials: Emerging Research and Opportunities
© 2018; 98 pp.

高等教育专业写作教学

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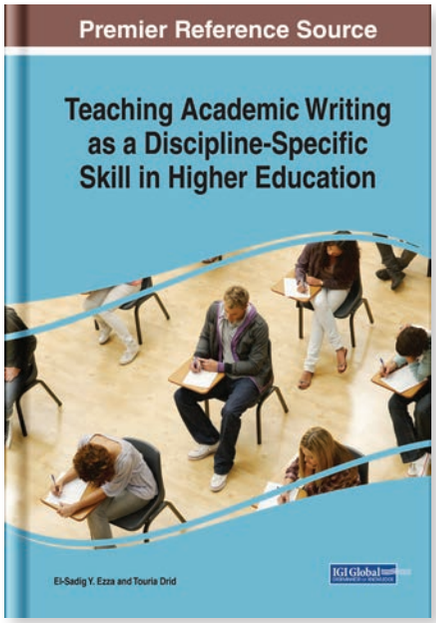
Profs. El-Sadig Y. Ezza (University of Khartoum, Sudan) and Touria Drid (Kasdi Merbah University, Algeria)



Description:

It is now held that writing influences and is influenced by the discipline where it occurs. The representations that writers employ to produce and comprehend texts are said to be sensitive to the specificities of their disciplinary discourse communities. This exposes writers to divergent disciplinary demands and expectations on what counts as good and appropriate writing in terms of generic structure, discourse features, and stylistic preferences, reflecting dissimilar practices. Because of such exigencies, academic writing seems at times to be very challenging, especially for novice scholars. Thus, any attempt to perceive the function of academic writing in higher education or to evaluate its quality should not discard the shaping force of the disciplines.

Teaching Academic Writing as a Discipline-Specific Skill in Higher Education is a critical scholarly resource that examines the role of writing within academic circles and the disciplinary practices of writing in scholastic environments. The book will also explore the particular difficulties that confront writers in the disciplines as well as the endeavors of educational institutions to develop discipline-specific writing traditions among practicing and novice scholars. Featuring a range of topics such as blended learning, data interpretation, and knowledge construction, this book is essential for instructors, academicians, administrators, professors, researchers, and students.

Topics Covered:

- Academic Writing
- Blended Learning
- Citation
- Data Interpretation
- Dissertation Writing
- English as a Foreign Language (EFL)
- Knowledge Construction
- Metadiscourse
- Rhetorical Patterns
- Student Engagement

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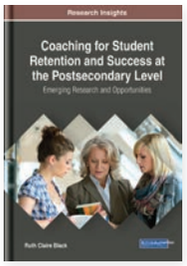

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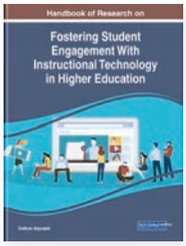

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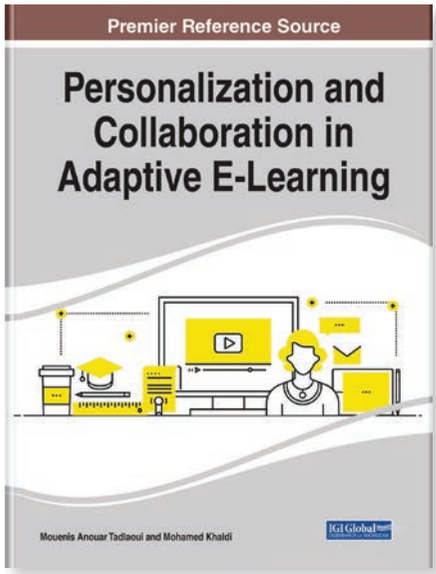

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Profs. Mouenis Anouar Tadlaoui (Abdelmalek Essaâdi University, Morocco) and Mohamed Khaldi (Abdelmalek Essaâdi University, Morocco)

Description:

As part of e-learning, adaptive systems are more specialized and focus on the adaptation of learning content and presentation of this content. An adaptive system focuses on how knowledge is learned and pays attention to the activities, cognitive structures, and context of the learning material. The adaptive term refers to the automatic adaptation of the system to the learner. The needs of the learner are borne by the system itself. The learner did not ask to change the parameters of the system to his own needs; it is rather the needs of the learner that will be supposed by the system. The system adapts according to this necessity.

Personalization and Collaboration in Adaptive E-Learning is an essential reference book that aims to describe the specific steps in designing a scenario for a collaborative learning activity in the particular context of personalization in adaptive systems and the key decisions that need to be made by the teacher-learner. By applying theoretical and practical aspects of personalization in adaptive systems and applications within education, this collection features coverage on a broad range of topics that include adaptive teaching, personalized learning, and instructional design. This book is ideally designed for instructional designers, curriculum developers, educational software developers, IT specialists, educational administrators, professionals, professors, researchers, and students seeking current research on comparative studies and the pedagogical issues of personalized and collaborative learning.

Topics Covered:

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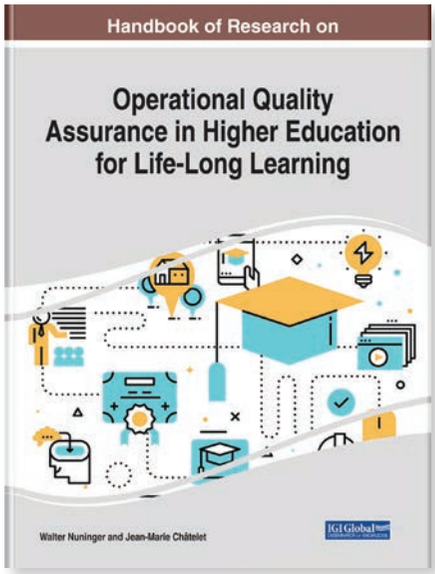
Profs. Walter Nuninger (Université de Lille, France) and Jean-Marie Châtelet (Université de Lille, France)



Description:

Previously, key levers of higher education have seemed to be the learning organization, work-integrated learning for life-long learning, and learner-centered pedagogy. However, funding evolution and the integration of digital tools are changing professional styles and learning behaviors. Nonetheless, the sustainability of higher education requires quality agreement based on ethical, robust, and replicable pedagogical approaches.

The **Handbook of Research on Operational Quality Assurance in Higher Education for Life-Long Learning** is a comprehensive scholarly book that focuses on the evolution of the education framework and job market as well as necessary changes needed in organizations to reply to life-long learning and competency-based training initiatives. Highlighting topics such as digital environment, e-learning, and learning analytics, this book is essential for higher education faculty, managers, deans, professionals, administrators, educators, academicians, researchers, and policymakers.

Topics Covered:

- Artificial Intelligence
- Digital Environment
- Distance Learning
- E-Learning
- Educational Data Mining
- Learning Analytics
- Learning Organization
- Life-Long Learning
- Pedagogy
- Tutor-Integrated Learning (TIL)

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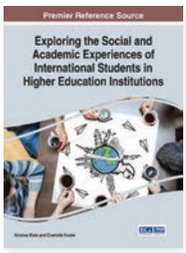

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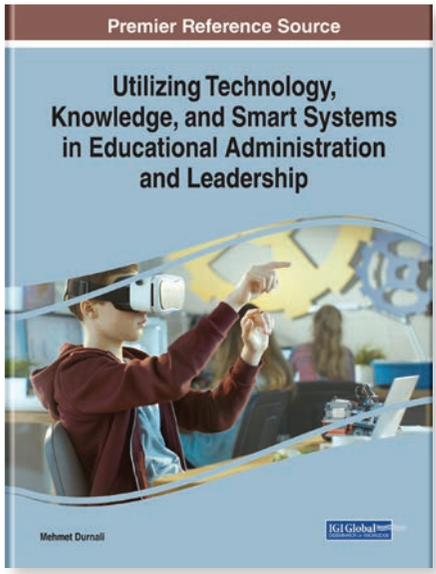

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Prof. Mehmet Durnali (Ereğli Faculty of Education, Zonguldak Bülent Ecevit University, Turkey)

Description:

Utilizing Technology, Knowledge, and Smart Systems in Educational Administration and Leadership is an academic research book that examines knowledge regarding the scholarly exploration of the technologies, information/knowledge, and smart systems in educational administration and leadership. It provides a holistic, systematic, and comprehensive paradigm. Featuring a wide range of topics such as technology leadership in schools, technology integration in educational administration, and professional development, this book is ideal for school administrators, educational leaders, principals, IT consultants, educational software developers, academicians, researchers, professionals, educational policymakers, educators, and students.

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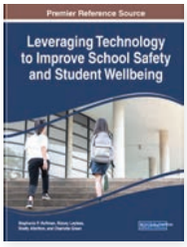

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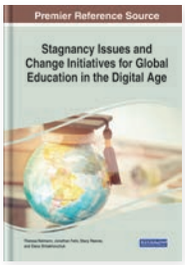

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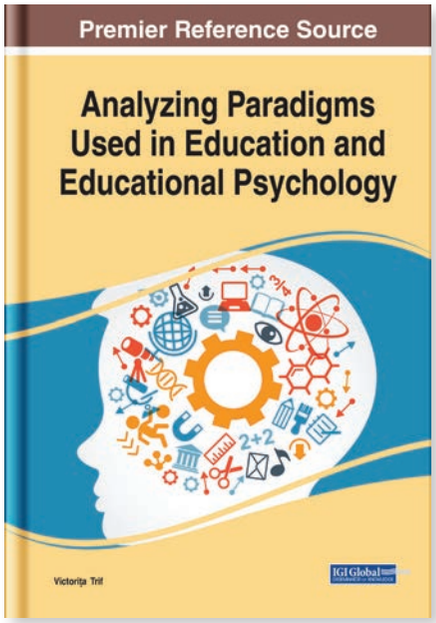

Description:

In education, there is an aim to construct an authentic framework of educational paradigms in order to provide a sharing knowledge system as a result of re-examining contemporary trends, educational currents, case studies from the classrooms, and educational psychology directions. It is an intellectual need of meta-comprehension and new educational approaches based on educational psychology outcomes.

Analyzing Paradigms Used in Education and Educational Psychology is a critical scholarly book that discusses sophisticated paradigms from academic narratives and educational realities. Featuring a range of topics such as classroom management, lifelong education, and theology, this book is essential for researchers, teachers, educational psychologists, education professionals, administrators, academicians, practitioners, and students.

Topics Covered:

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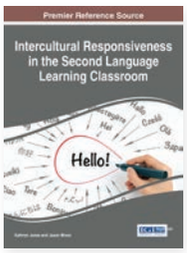

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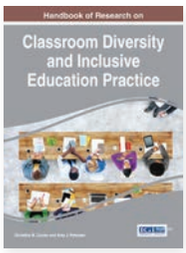

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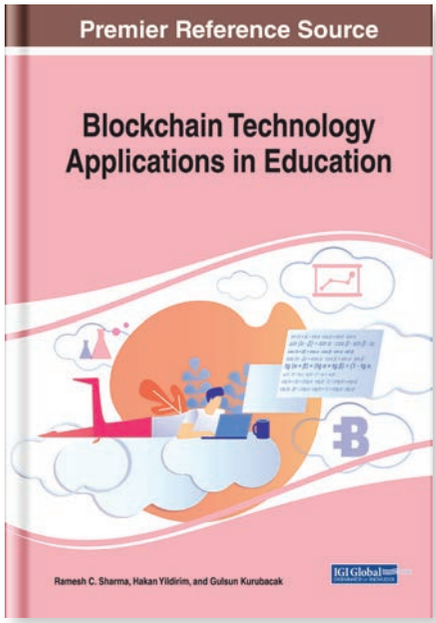

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Profs. Ramesh Chander Sharma (Dr. B. R. Ambedkar University Delhi, India), Hakan Yildirim (Eskisehir Osmangazi University, Turkey), and Gulsun Kurubacak (Anadolu University, Turkey)

Description:

Blockchain relies on distributed databases that give an alterable and semipublic record of digital transactions. Blockchain in learning should address theoretical, practical, and technical issues, but it must also consider the philosophy behind interactive blockchain in learning. While the applications of blockchain have been the subject of serious academic research, there must be more continuous and multicultural attention paid to the impact of the latest management, communication, pedagogy, technology, and evaluation-based developments of blockchain in learning.

Blockchain Technology Applications in Education is an essential scholarly publication that scrutinizes how open universities establish a blockchain network for decentralized learning. This book will explore a variety of new management models, communicational actions, pedagogical approaches, new technologies, and evaluation models. There will be new trends, patterns, and customs of blockchain in learning drawn from the distinctive improvements in learning milieus. Highlighting a range of topics such as corporate education, lifelong learning, and social media, this book is essential for academicians, curriculum designers, instructional designers, IT consultants, administrators, researchers, and students.

Topics Covered:

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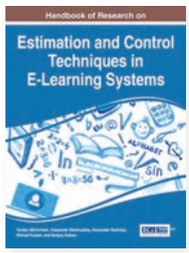

Handbook of Research on Estimation and Control Techniques in E-Learning Systems
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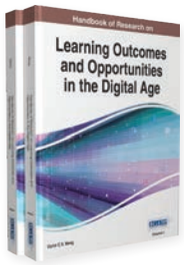

Handbook of Research on Learning Outcomes and Opportunities in the Digital Age (2 Vols.)
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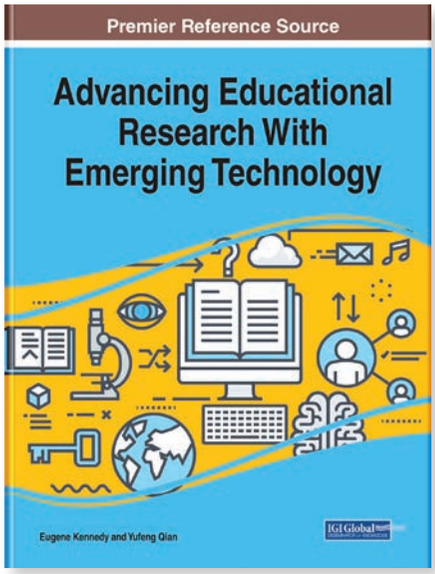

Description:

Advances in technology and media have fundamentally changed the way people perceive research, how research studies are conducted, and the ways data are analyzed/how the findings are presented. Emerging internet-enabled technological tools have enhanced and transformed research in education and the way educators must adapt to conduct future studies.

Advancing Educational Research With Emerging Technology provides innovative insights into cutting-edge and long-standing digital tools in educational research and addresses theoretical, methodological, and ethical dimensions in doing research in the digital world. The content within this publication examines such topics as computational linguistics, individualized learning, and mobile technologies. The design of this publication is suited for students, professors, higher education faculty, deans, academicians, researchers, and practitioners looking to expand their research through the use of a broad range of digital tools and resources.

Topics Covered:

- Automated Sensing
- Computational Linguistics
- Data Collection
- Data Visualization
- Game-Based Assessment
- Individualized Learning
- Mobile Technologies
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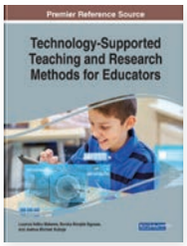

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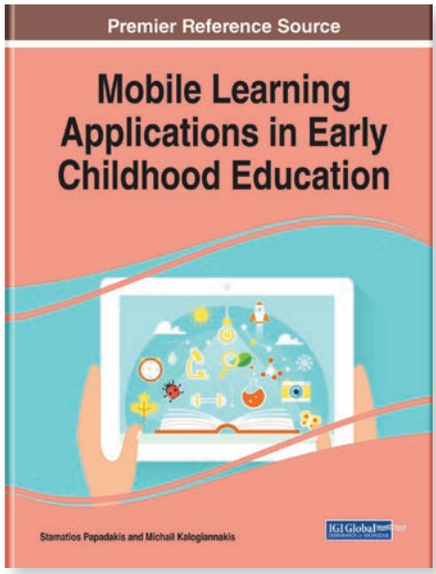

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Profs. Stamatios Papadakis (University of Crete, Greece) and Michail Kalogiannakis (University of Crete, Greece)

Description:

Mobile technologies combined with an interdisciplinary approach to knowledge and organization of learning experiences that are meaningful to children could create a creative and interactive learning environment different from that of traditional teaching. Making good use of mobile learning with appropriate devices will increase the learning motivations of the students and help them bring about positive performance.

Mobile Learning Applications in Early Childhood Education is a collection of innovative research on the methods and applications of mobile learning techniques and strategies within diversified teaching settings. While highlighting topics including computational thinking, ubiquitous learning, and social development, this book is ideally designed for researchers, teachers, parents, curriculum developers, instructional designers, academicians, students, and practitioners seeking current research on the application of mobile technology within child education.

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Topics Covered:

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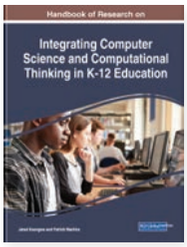

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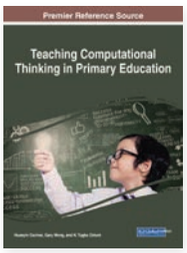

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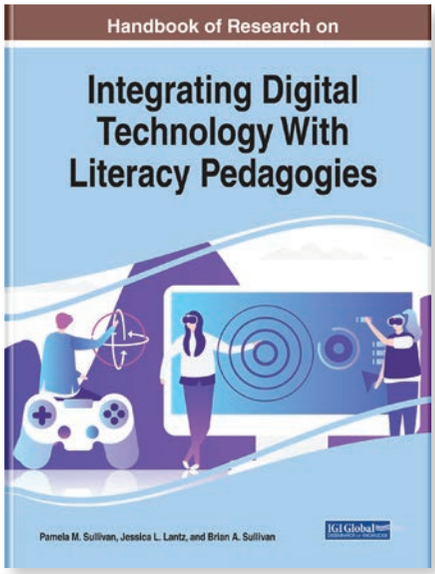

Description:

The allure and marketplace power of digital technologies continues to hold sway over the field of education with billions spent annually on technology in the United States alone. Literacy instruction at all levels is influenced by these evolving and ever-changing tools. While this opens the door to innovations in literacy curricula, it also adds a pedagogical responsibility to operate within a well-developed conceptual framework to ensure instruction is complemented or augmented by technology and does not become secondary to it.

The **Handbook of Research on Integrating Digital Technology With Literacy Pedagogies** is a comprehensive research publication that considers the integration of digital technologies in all levels of literacy instruction and prepares the reader for inevitable technological advancements and changes. Covering a wide range of topics such as augmented reality, literacy, and online games, this book is essential for educators, administrators, IT specialists, curriculum developers, instructional designers, teaching professionals, academicians, researchers, education stakeholders, and students.

ISBN: 9781799802464
Release Date: November, 2019
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Pages: 636

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Topics Covered:

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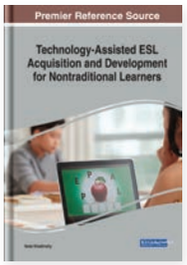

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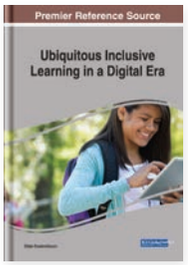

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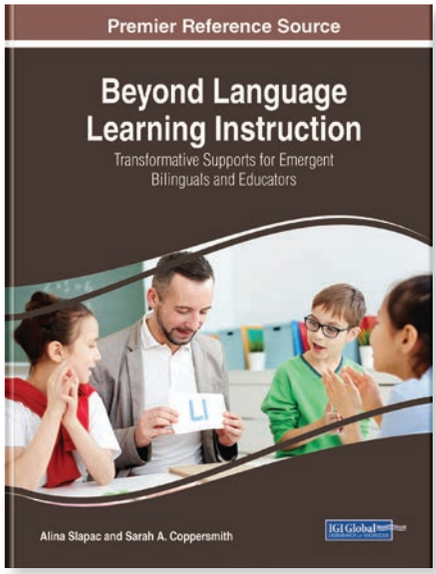

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Description:

Educators all over the world are being challenged to provide effective instruction for culturally and linguistically diverse learners and immigrant communities while valuing and celebrating students' cultural backgrounds. This task requires training, professional development, cultural sensitivity, and responsibility to promote positive outcomes.

Beyond Language Learning Instruction: Transformative Supports for Emergent Bilinguals and Educators is a critical research publication that bridges linguistics theory and practice and comprehensively addresses all fundamentals of linguistics through the English language learning lens. Featuring topics such as curriculum design, immigrant students, and professional development, this book is essential for educators, academicians, administrators, curriculum designers, instructional designers, researchers, policymakers, and students.

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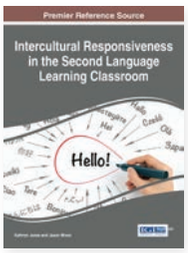

Intercultural Responsiveness in the Second Language Learning Classroom
© 2017; 327 pp.

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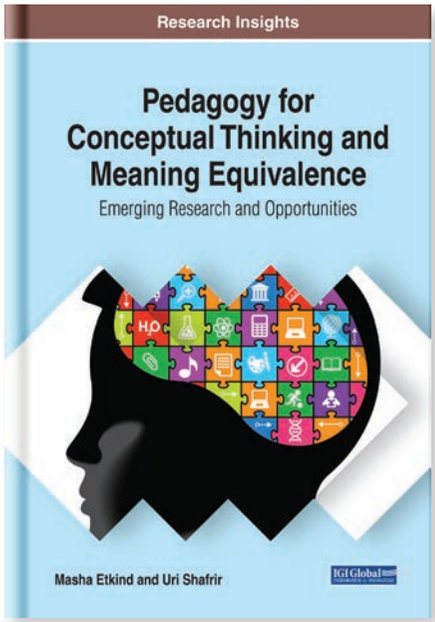
© 2018; 342 pp.

概念思维与意义对等的教学法：新兴研究与机遇

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Masha Etkind (Ryerson University, Canada) and Uri Shafrir (University of Toronto, Canada)



Description:

Pedagogy for Conceptual Thinking and Meaning Equivalence: Emerging Research and Opportunities is a critical scholarly resource that demonstrates an instructional and assessment methodology that enhances higher-order thinking, deepens comprehension of conceptual content, and improves learning outcomes. Based on the rich literature on word meaning and concept formation in linguistics and semiotics, and in developmental and cognitive psychology, it shows how independent studies in these disciplines converge on the necessary clues for constructing a procedure for the demonstration of mastery of knowledge with equivalence-of-meaning across multiple representations. Featuring a wide range of topics such as curriculum design, learning outcomes, and STEM education, this book is essential for curriculum developers, instructional designers, teachers, administrators, education professionals, academicians, policymakers, and researchers.

Topics Covered:

- Conceptual Thinking
- Curriculum Design
- Digital Era
- Evidence-Based Informed Consent (EBIC)
- Instructional Design
- Knowledge Access
- Learning Outcomes
- Meaning Equivalence Reusable Learning Objects (MERLO)
- Pedagogy
- STEM Education

ISBN: 9781799819851
Release Date: November, 2019
Copyright: 2020
Pages: 154

Pricing:

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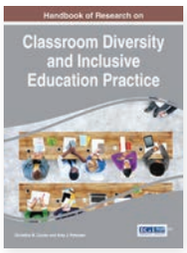
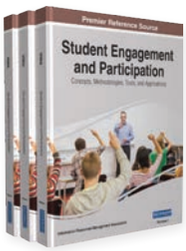


Handbook of Research on Classroom Diversity and Inclusive Education Practice
© 2017; 552 pp.



Student Engagement and Participation: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,595 pp.

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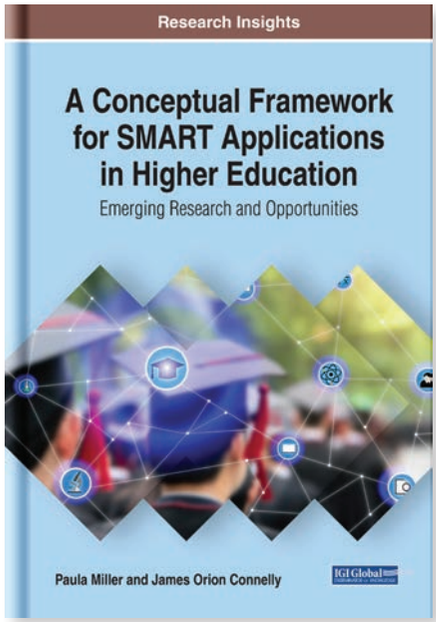

高等教育中智能应用的概念框架：新兴研究与机遇

Part of the Advances in Higher Education and Professional Development Book Series

Profs. James Orion Connelly (University of Phoenix, USA) and Paula Miller (University of Phoenix, USA)

ISBN: 9781799815426
Release Date: November, 2019
Copyright: 2020
Pages: 195

Pricing:

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Description:

A Conceptual Framework for SMART Applications in Higher Education: Emerging Research and Opportunities is a critical scholarly publication that explores how the brain acquires and processes information to turn information into knowledge and the role of SMART technology and how it combines and integrates visual and aural data to facilitate learning. The book also discusses ways to apply what is known about teaching to how the brain operates and how to incorporate instructional design models into the teaching and learning process. Highlighting various topics such as neurogenesis, smart technologies, and behaviorism, this book is essential for instructional designers, online instruction managers, teachers, academicians, administrators, researchers, knowledge managers, and students.

Topics Covered:

- Archaeology
- Behaviorism
- Cognitivism
- Higher Education
- Knowledge Doubling
- Long-Term Memory
- Memory Pathways
- Neurogenesis
- Neuroplasticity
- Optimal Learning
- Short-Term Memory
- Smart Technologies

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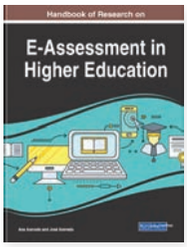
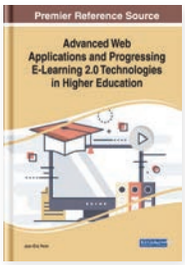


Handbook of Research on E-Assessment in Higher Education
© 2019; 514 pp.



Advanced Web Applications and Progressing E-Learning 2.0 Technologies in Higher Education
© 2019; 271 pp.

交互式教育电视先进技术与标准：新兴研究与机遇

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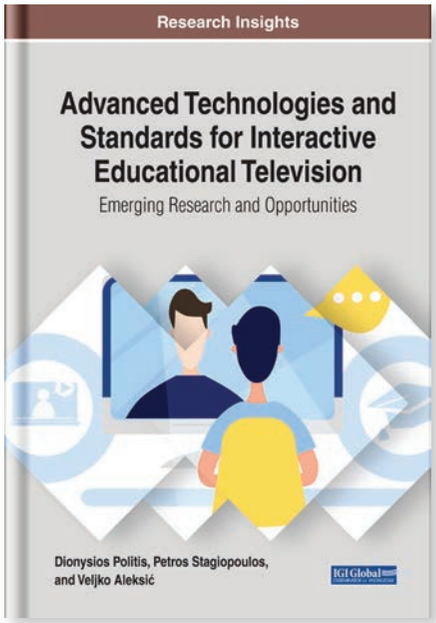
Profs. Dionysios Politis (Aristotle University of Thessaloniki, Greece), Petros Stagiopoulos (Aristotle University of Thessaloniki, Greece), and Veljko Aleksić (University of Kragujevac, Serbia)



Description:

Educational TV in the post-war years was a cornerstone for delivering high-quality knowledge over a geographically-dispersed and culturally-segregated public. As de facto massive learning, virtual environments have been shaped by both open university initiatives and corporate courseware activities. The educational technology institutes seek a new paradigm for delivering instruction and simultaneously expanding higher education.

Advanced Technologies and Standards for Interactive Educational Television: Emerging Research and Opportunities is a critical scholarly publication that examines the concept of promoting learning through mass communication through the use of extended augmentation and visualization interaction methodologies and the deployment of wide-area collaborative practices. Featuring a range of topics such as gamification, mobile technology, and digital pedagogy, this book is ideal for communications specialists, media producers, audiovisual engineers, broadcasters, computer programmers, legal experts, STEM educators, professors, teachers, academicians, researchers, policymakers, and students.

Topics Covered:

- Digital Pedagogy
- Educational Technology
- Engineering Education
- Ethics
- Gamification
- Informal Learning
- Mobile Technology
- Social Networks
- Special Education
- Technology-Enhanced Learning

ISBN: 9781799802532
Release Date: October, 2019
Copyright: 2020
Pages: 231

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Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Alberto Andujar (University of Almeria, Spain)

Description:

The use of technological tools to foster language development has led to advances in language methodologies and changed the approach towards language instruction. The tendency towards developing more autonomous learners has emphasized the need for technological tools that could contribute to this shift in foreign language learning. Computer-assisted language learning and mobile-assisted language learning have greatly collaborated to foster language instruction out of the classroom environment, offering possibilities for distance learning and expanding in-class time.

Recent Tools for Computer- and Mobile-Assisted Foreign Language Learning is a scholarly research book that explores current strategies for foreign language learning through the use of technology and introduces new technological tools and evaluates existing ones that foster language development. Highlighting a wide array of topics such as gamification, mobile technologies, and virtual reality, this book is essential for language educators, educational software developers, IT consultants, K-20 institutions, principals, professionals, academicians, researchers, curriculum designers, and students.

Topics Covered:

- Augmented Reality
- Data-Driven Learning
- Flipped Learning
- Gamification
- Language Learning
- Mobile Technologies
- Open Educational Resources
- Social Network
- Telecollaboration
- Virtual Reality

Related Books

Handbook of Research on Integrating Technology Into Contemporary Language Learning and Teaching
© 2018; 626 pp.

Assessing the Effectiveness of Virtual Technologies in Foreign and Second Language Instruction
© 2019; 300 pp.

适用于教学强化的下一代数字工具与应用

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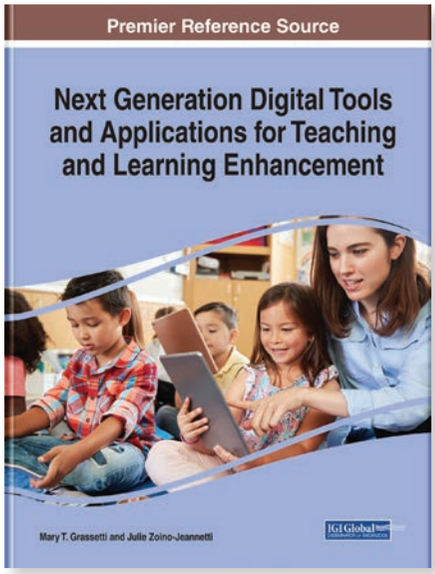
Profs. Mary T. Grassetti (Framingham State University, USA) and Julie Zoino-Jeannetti (Framingham State University, USA)



Description:

Digital tools and applications are an intricate part of many classroom communities. In the field of education, there is a need to continually monitor the digital landscape and keep up to date on the tools and applications that are available to classroom teachers and K-12 students. Understanding the ever-changing digital landscape and its impact on teaching and learning is critical to using digital tools and applications effectively and in ways that enhance students' opportunities to learn.

Next Generation Digital Tools and Applications for Teaching and Learning Enhancement is a critical scholarly publication that explores digital tools and applications for the PreK-12 classroom and how digital technology can enhance the preparation of teachers. Featuring a wide range of topics including education equity, social media, and teacher education, this book is essential for educators, academicians, curriculum designers, educational software developers, IT specialists, library specialists, researchers, and practitioners.

Topics Covered:

- 3D Printing
- Curriculum Design
- Education Equity
- Educational Technology
- Library Media
- Mixed Reality Simulation
- Professional Development
- Student Engagement
- Teacher Education

ISBN: 9781799817703
Release Date: October, 2019
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Pages: 266

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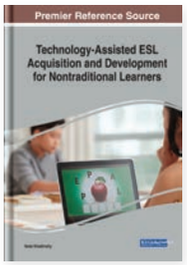
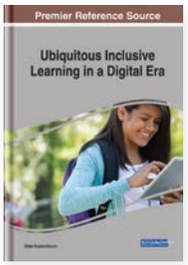


Technology-Assisted ESL Acquisition and Development for Nontraditional Learners
© 2019; 304 pp.



Ubiquitous Inclusive Learning in a Digital Era
© 2019; 300 pp.

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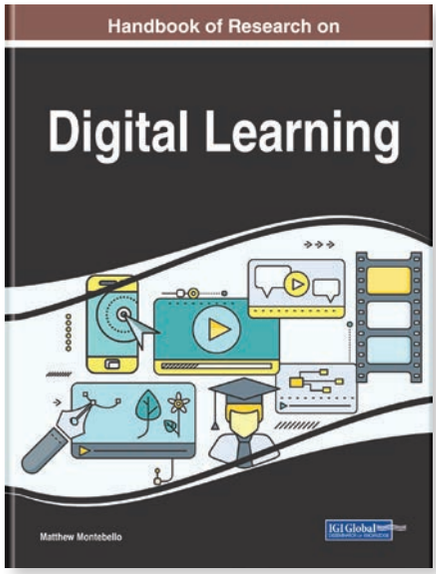

数字学习研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Matthew Montebello (University of Malta, Malta)

ISBN: 9781522593041
Release Date: October, 2019
Copyright: 2020
Pages: 394

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

Education has gone through numerous radical changes as the digital era has transformed the way we as humans communicate, inform ourselves, purchase goods, and perform other mundane chores at home and at work. New and emerging pedagogies have enabled rapid advancements, perhaps too rapidly. It's a challenge for instructors and researchers alike to remain up to date with educational developments and unlock the full potential that technology could have on this significant profession.

The **Handbook of Research on Digital Learning** is an essential reference source that explores the different challenges and opportunities that the new and transformative pedagogies have enabled. The challenges will be portrayed through a number of case studies where learners have struggled, managed, and adapted digital technologies in their effort to progress educational goals. Opportunities are revealed and displayed in the form of new methodologies, institutions scenarios, and ongoing research that seeks to optimize the use of such a medium to assist the digital learner in the future of networked education. Featuring research on topics such as mobile learning, self-directed learning, and cultural considerations, this book is ideally designed for teachers, principals, higher education faculty, deans, curriculum developers, instructional designers, educational software developers, IT specialists, students, researchers, and academicians.

Topics Covered:

- Cultural Considerations
- Innovative Technologies
- Massive Scale Considerations
- Mobile Learning
- New Practices
- Pedagogy
- Self-Directed Learning
- Self-Motivation
- Social Media
- Technological Repercussions

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适合数字时代 P-12 课堂的参与式扫盲实践

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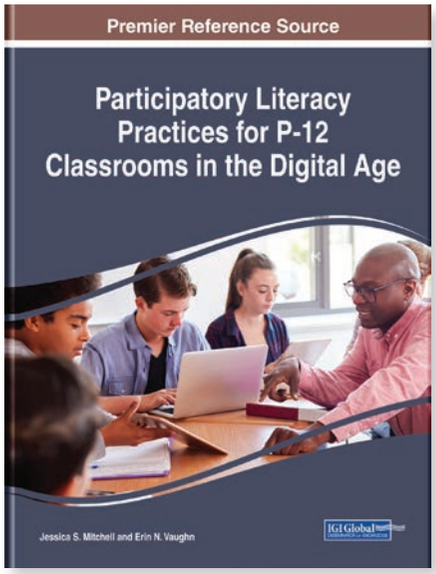
Profs. Jessica S. Mitchell (University of North Alabama, USA) and Erin N. Vaughn (University of North Alabama, USA)



Description:

The ability to effectively communicate in a globalized world shapes the economic, social, and democratic implications for the future of P-12 students. Digitally mediated communication in an inclusive classroom increases a student's familiarity and comfortability with multiple types of media used in a wider technological culture. However, there is a need for research that explores the larger context and methodologies of participatory literacy in a digital educational space.

Participatory Literacy Practices for P-12 Classrooms in the Digital Age is an essential collection of innovative research on the methods and applications of integrating digital content into a learning environment to support inclusive classroom designs. While highlighting topics such as game-based learning, coding education, and multimodal narratives, this book is ideally designed for practicing instructors, pre-service teachers, professional development coordinators, instructional facilitators, curriculum designers, academicians, and researchers seeking interdisciplinary coverage on how participatory literacies enhance a student's ability to both contribute to the class and engage in opportunities beyond the classroom.

ISBN: 9781799800002
Release Date: October, 2019
Copyright: 2020
Pages: 286

Pricing:

Hardcover: US $195.00
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E-Book: US $195.00

Topics Covered:

- Civic Discourse
- Coding Education
- Critical Literacy
- Digital Technologies
- Game-Based Learning
- Inclusivity
- Learning Environments
- Media Literacy
- Multimodal Narratives
- Writing Pedagogy

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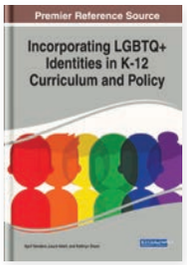

Incorporating LGBTQ+ Identities in K-12 Curriculum and Policy
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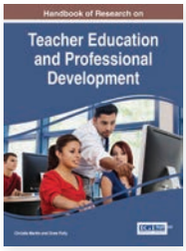

Handbook of Research on Teacher Education and Professional Development
© 2017; 740 pp.

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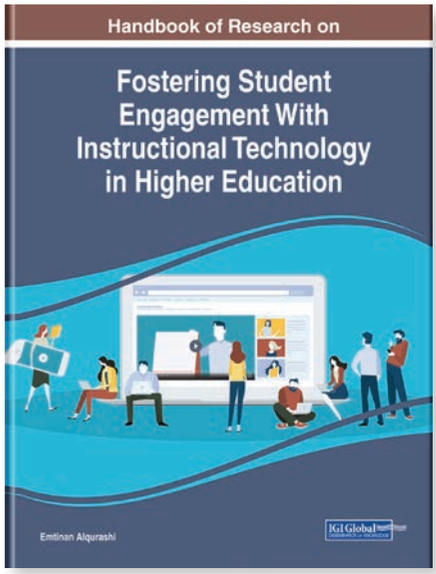

培养学生参与高等教育教学技术研究手册

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Emtinan Alqurashi (Temple University, USA)

Description:

Student engagement relies on the students and their willingness to participate in the learning process and can be enhanced through the application of various technologies within learning environments. However, strategies for implementing these technologies need research and development to be implemented effectively.

The **Handbook of Research on Fostering Student Engagement With Instructional Technology in Higher Education** is a comprehensive academic publication that focuses on the engagement of learners with academics in higher education and especially how this engagement can be fostered with the integration of new technologies. Featuring an array of topics such as gamification, digital literacy, and social networking, this book is ideal for instructors, educators, administrators, curriculum developers, instructional designers, IT consultants, educational software developers, researchers, academicians, and students.

ISBN: 9781799801191
Release Date: October, 2019
Copyright: 2020
Pages: 567

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Digital Humanities
- Digital Literacy
- Evaluation Performance Index (EPI)
- Game-Based Learning
- Gamification
- Higher Education
- Mobile Learning
- Online Learning Environments
- Social Networking
- Student Engagement
- Teacher Preparation

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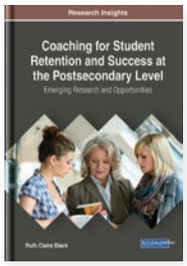
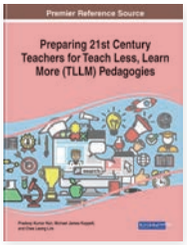


Coaching for Student Retention and Success at the Postsecondary Level: Emerging Research and Opportunities
© 2019; 211 pp.



Preparing 21st Century Teachers for Teach Less, Learn More (TLLM) Pedagogies
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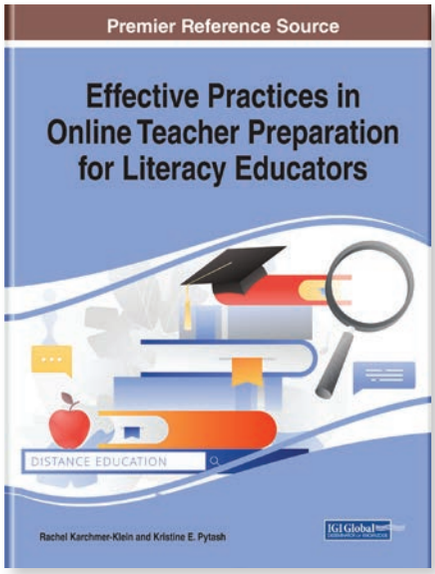

Description:

Online education has become a prevalent means of program and course delivery, especially within teacher education programs. However, the lack of preparation in online design is concerning, especially in the field of teacher education where the focus is preparing preservice and practicing teachers to implement effective, evidence-based instructional strategies.

Effective Practices in Online Teacher Preparation for Literacy Educators is an essential scholarly resource that shares innovative ideas for translating face-to-face reading/literacy specialist preparation into effective online instruction for courses in literacy education. Highlighting various topics such as instructional design, teacher education, and literacy assessment, this book is ideal for instructors, curriculum developers, instructional designers, IT specialists, education professionals, instructors, administrators, academicians, and researchers.

Topics Covered:

- Course Delivery
- Graduate Programs
- Higher Education
- Instructional Design
- Leadership Development
- Literacy Assessment
- Online Education
- Preservice Teaching
- Teacher Education
- Teaching Diversity

ISBN: 9781799802068
Release Date: October, 2019
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Pages: 395

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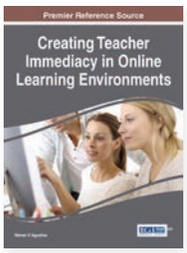

Creating Teacher Immediacy in Online Learning Environments
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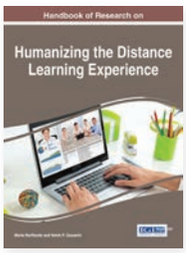

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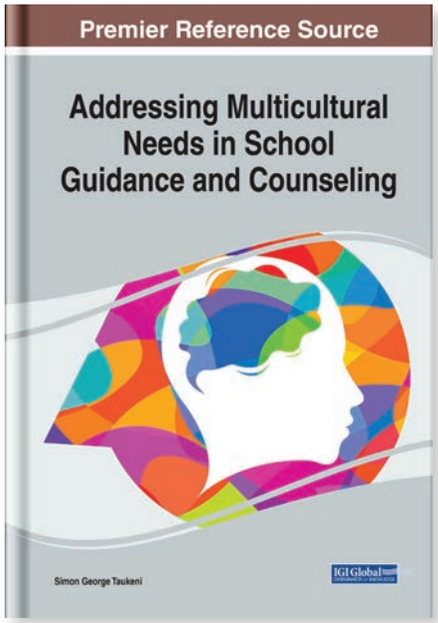

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满足学校指导与咨询的多元文化需求

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Prof. Simon George Taukeni (University of Namibia, Namibia)

Description:

Globalization and shifting demographics have led to a call for an immediate change in education-based counseling. Future school counselors must be equipped with 21st century skills that are applicable across cultural boundaries and applied in a global context.

Addressing Multicultural Needs in School Guidance and Counseling is a pivotal reference source that provides a framework for school counselors and life skills teachers to implement globally-focused comprehensive school guidance and counseling programs in schools, as well as intervention strategies that effectively deal with psychosocial issues facing students and their families. Highlighting topics such as child abuse, diversity awareness, and antisocial behavior, this publication explores skills applicable to the global cultural shift and the methods of guiding students to reach a higher level of self-fulfillment in their lives. It is ideally designed for school administrators, school counselors, psychologists, educational professionals, academicians, researchers, and students.

Topics Covered:

- Antisocial Behavior
- Child Abuse
- Diversity Awareness
- Marginalized Communities
- Parental Conflict
- Positive Psychology
- Sexual Orientation
- Social Disorganization
- Social Justice
- Support Systems

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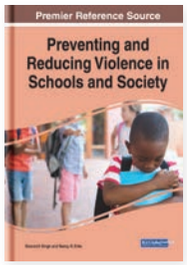

Preventing and Reducing Violence in Schools and Society
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分析目标学习者以制定有效的学习策略：新兴研究与机遇

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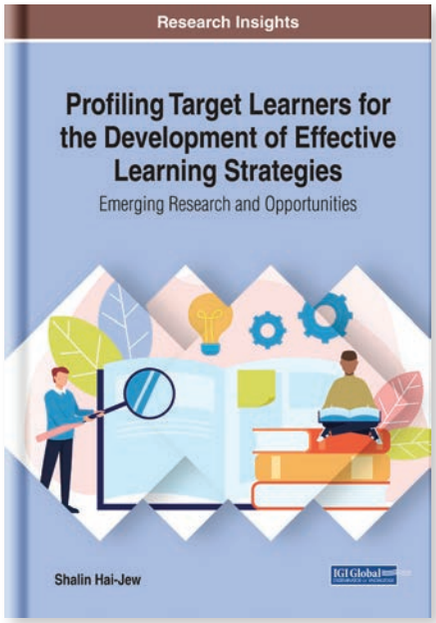
Prof. Shalin Hai-Jew (Kansas State University, USA)



Description:

Since the early days of formalized large-scale testing, there have been efforts to understand learners in order to provide better aligned learning opportunities and accommodations. What has been less explored has been how prospective and current target learners are profiled as target groups to adapt the learning to them, both statically (such as in pre-learning biographical profiling) and dynamically (on-the-fly as they interact with learning contents in online learning systems). This work takes more of a micro-scale and meso-scale approach, and these often involve both formal and informal means and creative teaching-and-learning accommodations.

Profiling Target Learners for the Development of Effective Learning Strategies: Emerging Research and Opportunities is a critical scholarly resource that focuses on the practice of profiling prospective and current target learners through manual and computational means in order to better meet and improve their online and offline learning needs, as well as how those profiles influence the design, development, and provision of learning experiences. Featuring a wide range of topics such as diversity, curriculum design, and online learning, this book is ideal for educators, curriculum developers, instructional designers, principals, educational software developers, administrators, policymakers, academicians, researchers, and students.

Topics Covered:

- Adult Learners
- Classroom Environment
- Curriculum Design
- Diversity
- Learner Behaviors
- Learner Engagement
- Learner Profiling
- Online Learning
- Practical Learning
- Social Media

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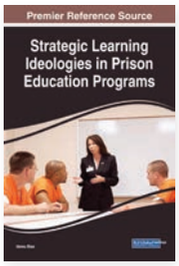

Strategic Learning Ideologies in Prison Education Programs
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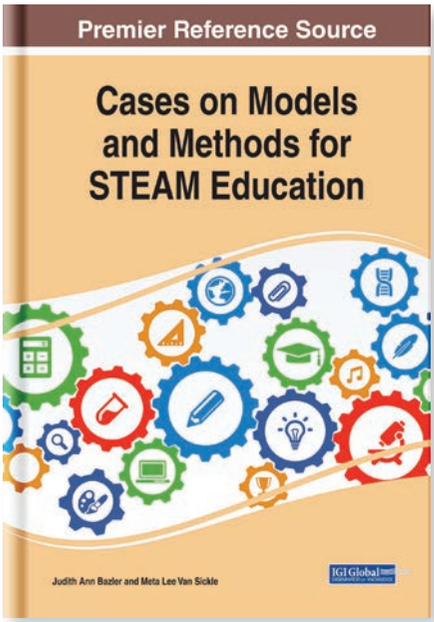

STEAM 教育模式与方法案例

Part of the Advances in Educational Technologies and Instructional Design Book Series

Profs. Judith Ann Bazler (Monmouth University, USA) and Meta Lee Van Sickle (College of Charleston, USA)

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Description:

STEAM education can be described in two ways. One model emphasizes the arts and is not as concerned about the accuracy of the STEM fields. In the second model, STEM content is the prevailing force with a focus on accuracy, and the arts are used in limited and secondary resources for the teaching of the content. However, in order to promote creative thinking, allow for higher student engagement, and offer a more well-rounded education, a STEAM model, where science, technology, engineering, arts, and mathematics are equal contributors to the process of learning, is needed.

Cases on Models and Methods for STEAM Education is an important scholarly resource that provides inclusive models and case studies highlighting best techniques and practices for implementing STEAM models in teaching and assists teachers as they learn to use such methods through the inclusion of practical activities for use in the classroom. Highlighting a wide range of topics such as science education, fine arts, and teaching models, this book is essential for educators, administrators, curriculum developers, instructional designers, policymakers, academicians, researchers, and students.

Topics Covered:

- Creative Movement
- Differentiated Instruction
- Fine Arts
- Graphic Design
- K-12 Education
- Science Education
- Student Engagement
- Students With Special Needs
- Teaching Models
- Theater

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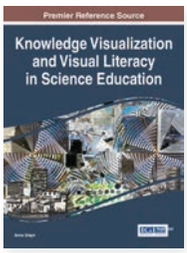

Knowledge Visualization and Visual Literacy in Science Education
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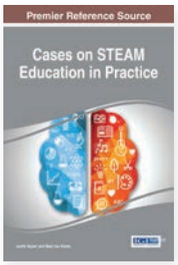

Cases on STEAM Education in Practice
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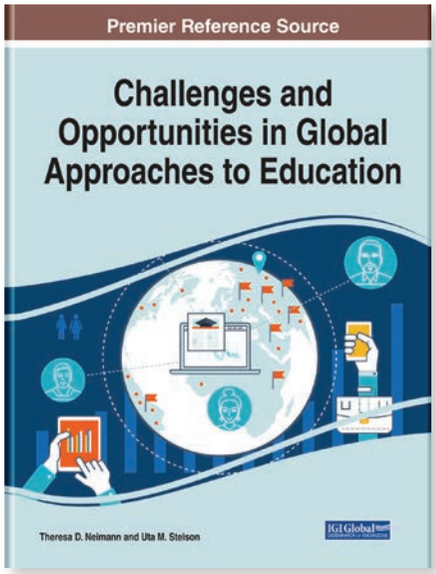

Description:

In order to develop student competencies in K-12 and Higher Education environments, evidence-based tools and concepts are essential in ensuring the development of student skills and proficiencies. Evidence-based pedagogical practices leading to student learning preferences culturally and internationally are essential to educational success.

Challenges and Opportunities in Global Approaches to Education is an essential research publication that provides evidence-based tools and concepts to develop student competencies in the K-20 environment. Chapters in the monograph cover topics in a theoretical context such as how technology, online learning, and culture inform evidence-based development of student competencies. This book is essential for curriculum teachers, designers, instructional designers, administrators, professionals, researchers, academicians, and students concerned with the management of expertise, knowledge, information, and organizational development in different types of educational communities and environments.

Topics Covered:

- Culturally Responsive Education
- Diversity
- Educational Technology
- Higher Education
- Instructional Design
- International Communities
- K-12 Education
- Pedagogy
- Professional Development
- Student Competencies

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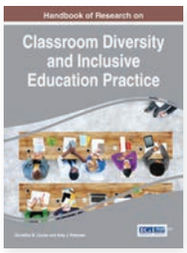

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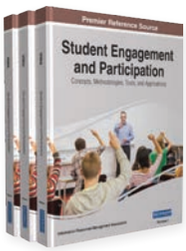

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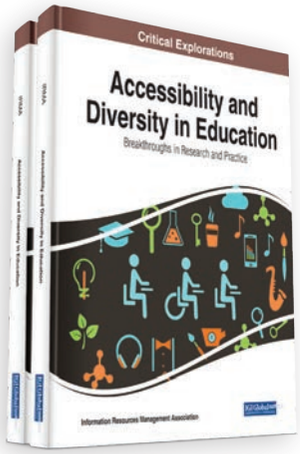

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教育的可及性与多样性：研究与实践的突破

Education is a necessary foundation for improving one's livelihood in today's society. However, traditional learning has often excluded or presented a challenge to students with visual, physical, or cognitive disabilities and can create learning gaps between students of various cultures. It is vital that learning opportunities are tailored to meet individual needs, regardless of individual disabilities, gender, race, or economic status in order to create more inclusive educational practices.

Research Anthology on Accessibility and Diversity in Education: Breakthroughs in Research and Practice examines emerging methods and trends for creating accessible and inclusive educational environments and examines the latest teaching strategies and methods for promoting learning for all students. It also addresses equal opportunity and diversity requirements in schools. Highlighting a range of topics such as open educational resources, student diversity, and inclusion barriers, this publication is an ideal reference source for educators, principals, administrators, provosts, deans, curriculum developers, instructional designers, school boards, higher education faculty, academicians, students, and researchers.

Topics Covered:

- Accessible Learning Environments
- Assistive Technologies
- Bullying
- Common Core
- Education Policies
- Equal Opportunity
- Higher Education
- Human-Centered Design
- Inclusion Barriers
- Learning Disabilities
- Online Diversity Education
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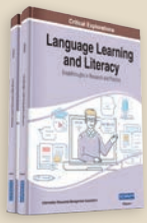

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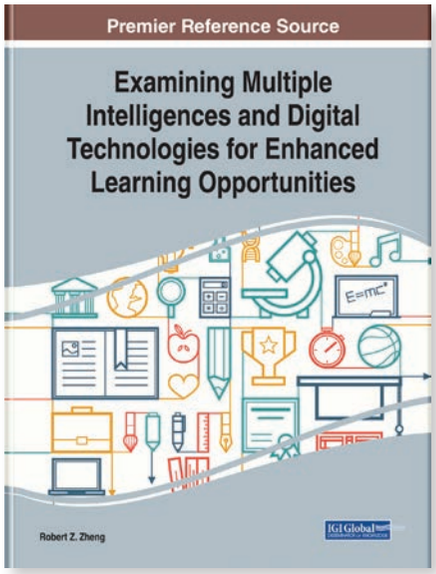
Research Anthology on Language Learning and Literacy: Breakthroughs in Research and Practice (2 Volumes)

审视增强学习机会的多种智能与数字技术

Part of the Advances in Educational Technologies and Instructional Design Book Series

Prof. Robert Z. Zheng (University of Utah, USA)



Description:

Multiple intelligences (MI) as a cognitive psychology theory has significantly influenced learning and teaching. Research has demonstrated a strong association between individual intelligences and their cognitive processes and behaviors. However, it remains unknown how each of or a combination of these intelligences can be effectively optimized through instructional intervention, particularly through the use of emerging learning technology. On the other hand, while efforts have been made to unveil the relationship between information and communication technology (ICT) and individual learner performance, there is a lack of knowledge in how MI theory may guide the use of ICTs to enhance learning opportunities for students.

Examining Multiple Intelligences and Digital Technologies for Enhanced Learning Opportunities is an essential reference book that generates new knowledge about how ICTs can be utilized to promote MI in various formal and informal learning settings. Featuring a range of topics such as augmented reality, learning analytics, and mobile learning, this book is ideal for teachers, instructional designers, curriculum developers, ICT specialists, educational professionals, administrators, instructors, academicians, and researchers.

Topics Covered:

- Augmented Reality
- Communication Technologies
- Data Mining
- Digital Natives
- Games
- Learning Analytics
- Learning Objects
- MI Theory
- Mobile Learning
- Multiple Intelligences (MI)
- Virtual Reality

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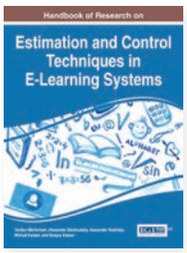

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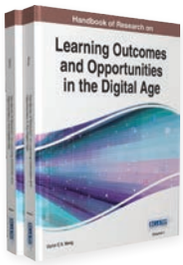
© 2016; 679 pp.



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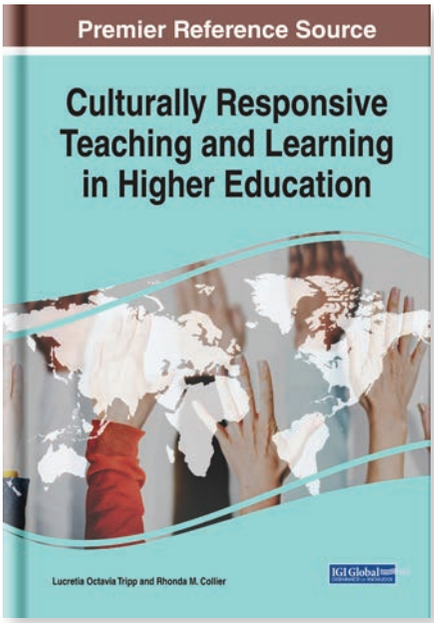

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Profs. Lucretia Octavia Tripp (Auburn University, USA) and Rhonda M. Collier (Tuskegee University, USA)

Description:

As diversity continues to increase in classrooms, teachers need to be culturally aware and sensitive in order to ensure student success. It is important to understand what best practices are available to support this ever-increasing awareness of learning to respect those who are different and to understand how this is key to orchestrating a series of social interactions and social contexts.

Culturally Responsive Teaching and Learning in Higher Education is an essential scholarly reference source that provides comprehensive research on culturally responsive teaching and the impact of culture on teaching and contextualizes issues related to cultural diversity and inequity in education. Featuring a broad range of topics such as gender bias, STEM, and social media, the goal of the book is to build transformative educators and administrators equipped to prepare 21st century global citizens. It is ideal for faculty, teachers, administrators, principals, curriculum developers, course designers, professionals, researchers, and students seeking to improve teaching methodologies and faculty development.

Topics Covered:

- Computer Science
- Counseling
- Cultural Responsiveness
- Diversity
- Gender Bias
- HBCU
- Healthcare
- Leadership
- Pedagogy
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- Self-Care
- Social Media
- STEM
- Study Abroad

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© 2017; 366 pp.

Handbook of Research on Organizational Justice and Culture in Higher Education Institutions
© 2016; 571 pp.

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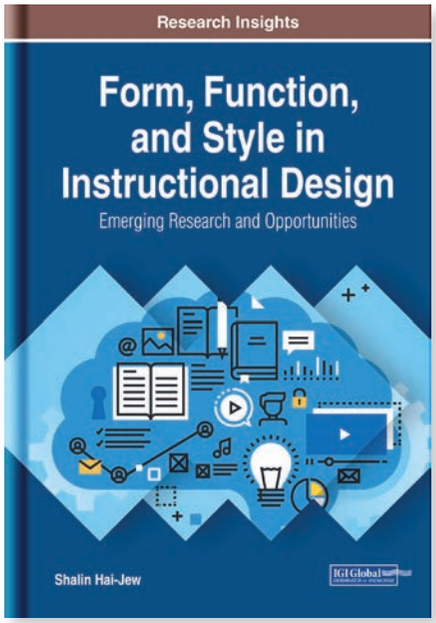

Description:

As technological influences and advancements change the format and availability of online learning, instructional design is forced to adapt and accommodate to these changes by exploring different approaches to form, function, and style. These changes are noticeable in the characteristics of instructional design and are made with the intention of promoting the betterment of students' educational experiences.

Form, Function, and Style in Instructional Design: Emerging Research and Opportunities is an essential research book that explores attributes of instructional design in various real-world projects and how it is applied to learning contexts, technological contexts, visualization design, character design, and more. Highlighting topics such as affective learning, learning efficacy, and curriculum design, this book is ideal for educators, administrators, instructional designers, curriculum developers, software developers, instructors, academicians, and students.

Topics Covered:

- Affective Learning
- Cognitive Load Theory
- Curriculum Design
- Freeform Design
- Gender
- Learning Efficacy
- Learning Outcome Assessment
- Online Learning
- Pedagogy
- Problem Solving

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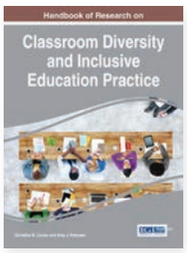

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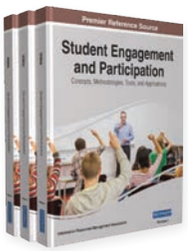

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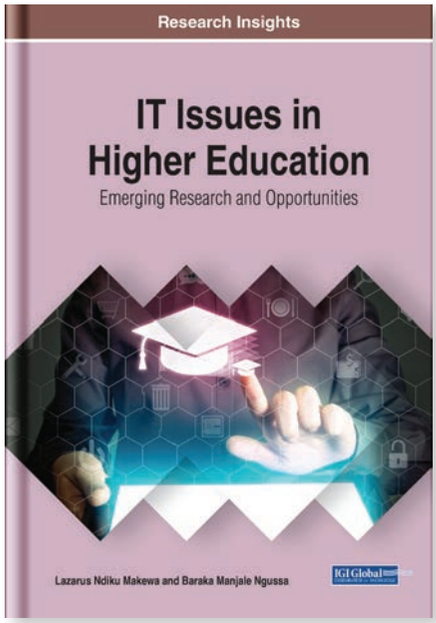

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Profs. Lazarus Ndiku Makewa (Center for Research Implications and Practice, Kenya) and Baraka Manjale Ngussa (University of Arusha, Tanzania)

Description:

Effective use of technology in areas that include admissions, record keeping, billing, compliance, athletic administration, and more hold untold potential to transform higher education by introducing significant efficiencies and dramatic cost reductions in serving students. How the institution organizes itself will to a large extent depend on how the IT systems are established and maintained. The design, development, management, utilization, and evaluation of these IT systems will be necessary for the university to operate successfully.

IT Issues in Higher Education: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the integration and management of information technology in higher education with a focus on issues of security, data management, student access to information, and staff competency. This publication explores present-day educational environments as well as educators' methods of applying technology to student success and highlights topics that include personal devices and institutional culture. It is ideally designed for academic professionals, lecturers, students, professors, IT experts, instructional designers, curriculum developers, administrators, higher education faculty, researchers, and policymakers.

Topics Covered:

- Data Governance
- Digital Communication
- Digital Integration
- Digital Storytelling
- Educational Technologies
- Information Security
- Institutional Culture
- Online Systems
- Organizational Models
- Personal Devices

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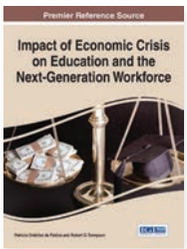
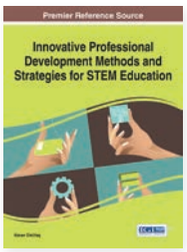


Impact of Economic Crisis on Education and the Next-Generation Workforce
© 2016; 432 pp.



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参与和资源对职业院校学习效果的影响：新兴研究与机遇

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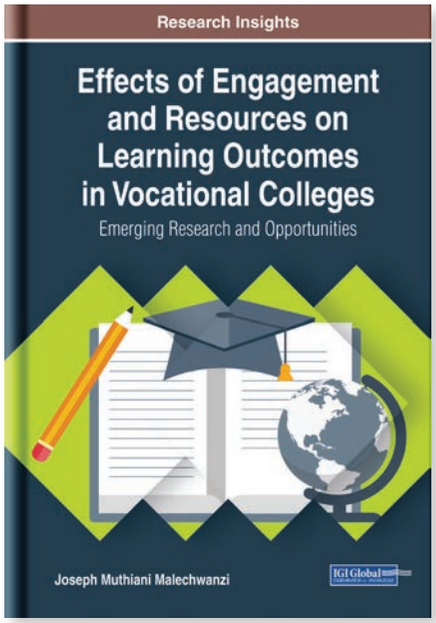

Description:

A main staple of today's world that has played a key role in the development of society is education and institutions of higher learning. An ongoing concern, however, has been the lack of access and resources to superior teaching in developing areas of the world. Student engagement and learning environments are just a few elements that play into the success of colleges in areas like the Coast Region of Kenya. Research must be done in understanding the correlation between the tools that these institutions are equipped with and the educational results of their students.

Effects of Engagement and Resources on Learning Outcomes in Vocational Colleges: Emerging Research and Opportunities is an essential reference source that discusses the relationship between college resources and students' learning outcomes as well as contributing factors in promoting quality education and training. Featuring research on topics such as research philosophies, teaching workloads, and student engagement, this book is ideally designed for teachers, deans, researchers, education professionals, administrators, policymakers, government officials, and academicians seeking coverage on the methods of acquiring and maintaining quality education in developing countries.

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Pages: 188

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Topics Covered:

- College Impact Models
- College Resources
- Demographic Characteristics
- Educational Systems
- Educational Training
- Gender Comparison
- Learning Outcomes
- Research Philosophies
- Student Engagement
- Teaching Workloads

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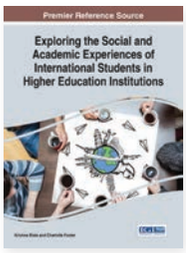

Exploring the Social and Academic Experiences of International Students in Higher Education Institutions
© 2016; 363 pp.

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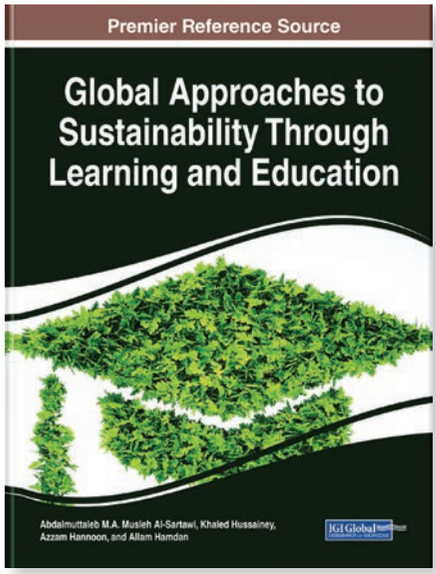

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Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Profs. Abdalmuttaleb M.A. Musleh Al-Sartawi (Ahlia University, Bahrain), Khaled Hussainey (University of Portsmouth, UK), Azzam Hannoon (American University in the Emirates, UAE), and Allam Hamdan (Ahlia University, Bahrain)

Description:

Unequal distribution of wealth, poverty, pollution, and gender inequality are just a few of the problems we face and struggle to eliminate. Sustainable development offers a long-term holistic solution to these problems through meeting the needs of the current generation without endangering the capability of future generations in meeting their own needs. Sustainable education or education for sustainability is a transformative learning paradigm that prepares learners and provides them with knowledge, ethical awareness, skills, values, and attitudes to achieve sustainable goals.

Global Approaches to Sustainability Through Learning and Education is a comprehensive academic publication that facilitates a greater understanding of sustainable development and fosters a culture of sustainability through learning and education. Highlighting a range of topics such as ethics, game-based learning, and knowledge management, this book is ideal for teachers, environmentalists, higher education faculty, activists, curriculum developers, academicians, researchers, professionals, administrators, and policymakers.

Topics Covered:

- Artificial Intelligence
- Big Data
- Deep Learning
- Ethics
- Game-Based Learning
- Gender Equality
- Higher Education
- Information Technology
- Knowledge Management
- Sustainable Education

Related Books

Marketing Initiatives for Sustainable Educational Development
© 2018; 340 pp.

Developing Workforce Diversity Programs, Curriculum, and Degrees in Higher Education
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奖学金与教育研究中的新兴方法及范式

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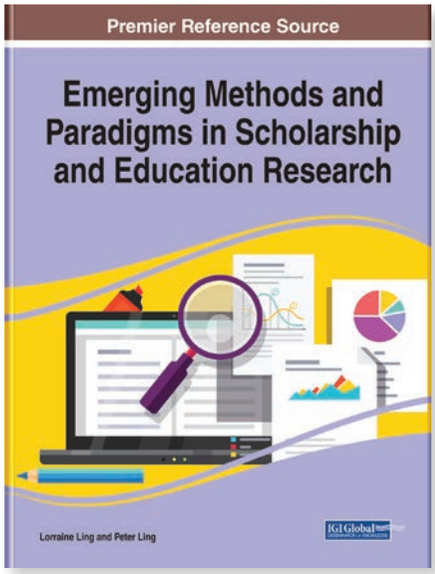

Description:

There is a renaissance in the use of the term "scholarship," as it is being used to define areas of academic endeavour, describe academic work and achievements, and measure the quality of higher education. Although all academicians are required to engage in scholarship, it is difficult to navigate as there is a misunderstanding of this concept as new methods and approaches emerge.

Emerging Methods and Paradigms in Scholarship and Education Research is an essential academic book that is designed to explain the areas of scholarship and their contemporary relationship to key components of academic work: research, teaching, service, and engagement. The chapter authors explore conceptions of scholarship, paradigms, and methods that fit a variety of contexts and needs. Highlighting a wide range of approaches from scientific realism and neo-positivism to interpretative, transformative, and pragmatic educational strategies and policy, this book is ideal for researchers, teachers, educational leaders, academicians, educational policymakers, and quality assurance agencies.

Topics Covered:

- Data Analysis
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- Educational Policy
- Epistemology
- Higher Education
- Intercultural Considerations
- Ontological and Epistemological Beliefs
- Research Methods
- Scholarship of Teaching and Learning (SoTL)
- Scientific Realism
- Supercomplexity
- Teaching Strategies

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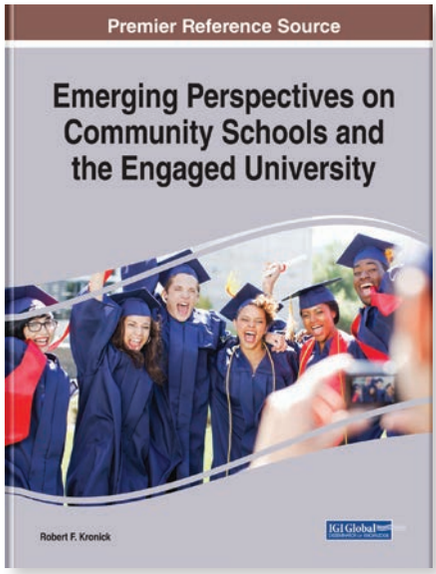

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Part of the Advances in Higher Education and Professional Development Book Series

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Description:

University involvement within their communities and the promotion of engaged scholarship is essential for the success of the learning institution as well as for providing students with opportunities to interact with various leadership roles and hands-on interactions with the communities themselves. Community schools employ strategic partnerships to expand the boundaries of school improvements and to increase the direct benefits gained by the community.

Emerging Perspectives on Community Schools and the Engaged University is an essential research publication that explores the importance of civic engagement in various school settings, but especially in higher education settings. Featuring a wide range of topics such as service learning, charter schools, and democracy, this book is ideal for community organizers, superintendents, directors, provosts, chancellors, education practitioners, academicians, administrators, researchers, and education policymakers.

Topics Covered:

- Brown v. Board of Education
- Charter Schools
- Community Engagement
- Community Schools
- Democracy
- Engaged Universities
- Higher Education
- Service Learning
- Social Centers
- Urban Crisis

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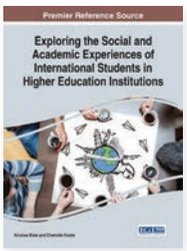

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技术与全球化在教育转型中的职能

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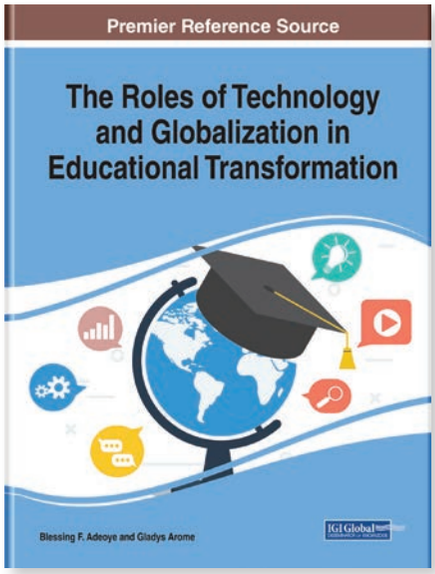

Description:

The emergence of the internet and developments in educational software have changed the way teachers teach and the way students learn. There has been a substantial increase in the quantity, quality, and diversity of educational material available over the internet or through the use of satellite video and audio linkups. These technologies have allowed new learning methods and techniques to reach a greater geographic region and have contributed to the global transformation of education.

The Roles of Technology and Globalization in Educational Transformation is an essential academic book that provides comprehensive research on issues concerning the roles of technology and globalization in educational transformation and the challenges of teaching and learning in various cultural settings and how they were resolved. It will support educational organizations that wish to find, create, or adapt technology for use in their institution. Featuring a broad range of topics such as public administration, educational technology, and higher education, this book is essential for teachers, deans, principals, school administrators, IT specialists, curriculum developers, instructional designers, higher education staff, academicians, policymakers, researchers, and students.

ISBN: 9781522597469
Release Date: August, 2019
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Pages: 259

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Topics Covered:

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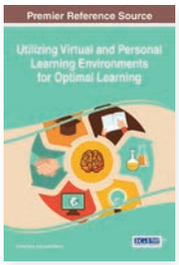
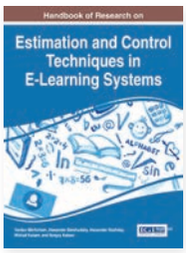


Utilizing Virtual and Personal Learning Environments for Optimal Learning
© 2016; 375 pp.



Handbook of Research on Estimation and Control Techniques in E-Learning Systems
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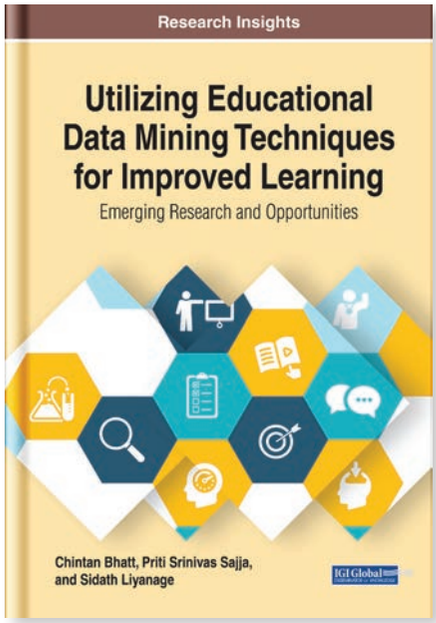

利用教育数据挖掘技术改进学习：新兴研究与机遇

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Profs. Chintan Bhatt (Charotar University of Science and Technology, India), Priti Srinivas Sajja (Sardar Patel University, India), and Sidath Liyanage (University of Kelaniya, Sri Lanka)

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Description:

Modern education has increased its reach through ICT tools and techniques. To manage educational data with the help of modern artificial intelligence, data and web mining techniques on dedicated cloud or grid platforms for educational institutes can be used. By utilizing data science techniques to manage educational data, the safekeeping, delivery, and use of knowledge can be increased for better quality education.

Utilizing Educational Data Mining Techniques for Improved Learning: Emerging Research and Opportunities is a critical scholarly resource that explores data mining and management techniques that promote the improvement and optimization of educational data systems. The book intends to provide new models, platforms, tools, and protocols in data science for educational data analysis and introduces innovative hybrid system models dedicated to data science. Including topics such as automatic assessment, educational analytics, and machine learning, this book is essential for IT specialists, data analysts, computer engineers, education professionals, administrators, policymakers, researchers, academicians, and technology experts.

Topics Covered:

- Artificial Intelligence
- Automatic Assessment
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- Data Mining
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- Ethics
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- Machine Learning
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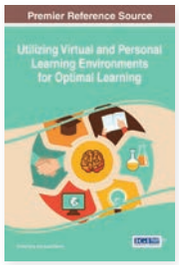

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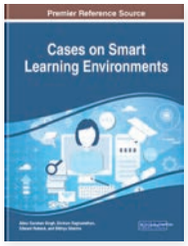

Cases on Smart Learning Environments
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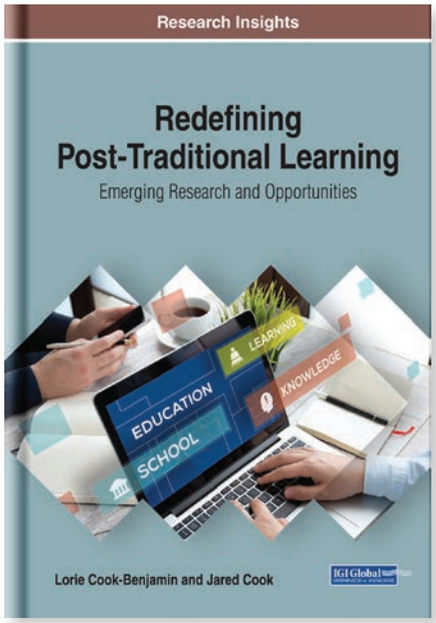

Description:

Post-traditional students are rapidly becoming the majority of the higher education student population. This changing demographic within the higher education landscape increases the demand for flexible learning options accessible to non-traditional learners.

Redefining Post-Traditional Learning: Emerging Research and Opportunities is a comprehensive research publication that explores shifting demographics within higher education and offers recommendations to current teaching methodologies. Highlighting a range of topics such as adult learners, pedagogy, and international students, this book provides a theoretical foundation, followed by an intentional dissection of current and best research practices through the lenses of andragogy, student demographics, and technology. It is ideal for teachers, instructional designers, curriculum developers, educational professionals, school administrators, policymakers, academicians, teaching professionals, researchers, and graduate students.

Topics Covered:

- Administration
- Adult Learners
- Andragogy
- Curriculum
- Graduate Students
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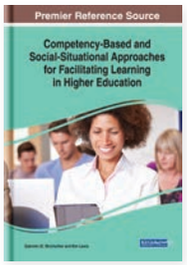
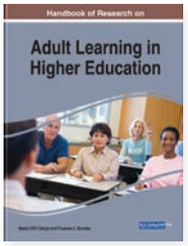
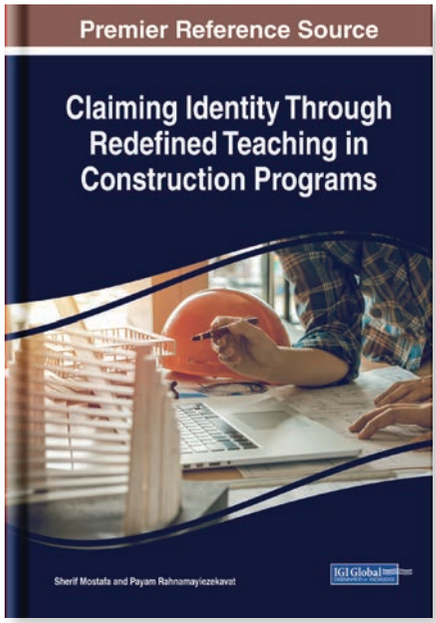


Competency-Based and Social-Situational Approaches for Facilitating Learning in Higher Education
© 2019; 317 pp.



Handbook of Research on Adult Learning in Higher Education
© 2020; 756 pp.

教育



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Profs. Sherif Mostafa (Griffith University, Australia) and Payam Rahnamayiezekavat (Western Sydney University, Australia)

Description:

Without a rich learning source that presents state-of-the-art pedagogy covering the key areas of contemporary practice, the industrial field may fall out of line with the current times. By reforming itself to embrace new norms such as social responsibility, deploying modern construction methods including modular building, and modernizing construction contracts, the recent literary material will only positively influence the workforce of the world.

Claiming Identity Through Redefined Teaching in Construction Programs provides scholarly insights into the learning and teaching mechanisms developed at different institutions to address the ever-changing attributes in the field of construction management. Featuring topics that include artificial intelligence, industrial law, and operations management, the book is ideal for educators, industrial managers, academics, researchers, and students.

Topics Covered:

- Artificial Intelligence
- Building Modeling
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- Industrial Informatics
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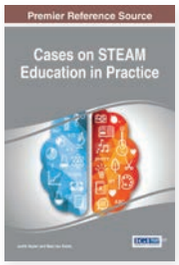

Cases on STEAM Education in Practice
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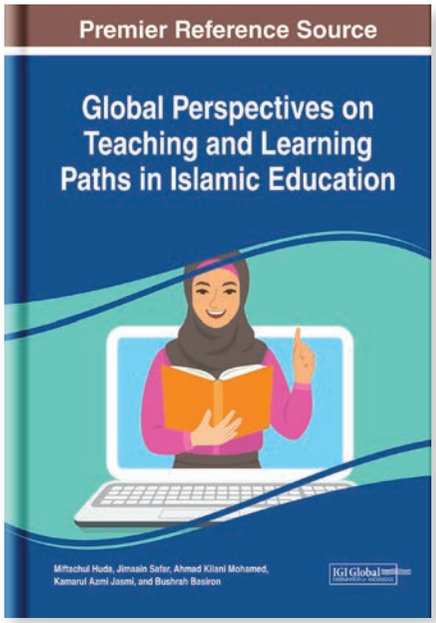

Description:

The process of curriculum enhancement through various educational approaches aims to enhance quality assurance in the educational process itself. In Islamic education, traditional educational trends are enhanced by expanding the embodiment process on experiential learning to evaluate the achievement in creating outcomes that balance not only spirituality and morality but also quality of cognitive analytical performances.

Global Perspectives on Teaching and Learning Paths in Islamic Education is a comprehensive scholarly book that provides broad coverage on integrating emerging trends and technologies for developing learning paths within Islamic education. Highlighting a wide range of topics such as digital ethics, psychology, and vocational education, this book is ideal for instructors, administrators, principals, curriculum designers, professionals, researchers, academicians, and students.

Topics Covered:

- Counselling
- Digital Ethics
- Information Technology
- Islamic Jurisprudence
- Professional Development
- Psychology
- Science Education
- Service Learning
- Sharia Law
- Technology-Enhanced Language Learning (TELL)
- Vocational Education

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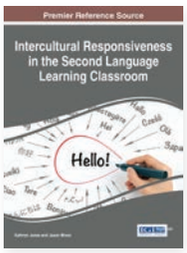

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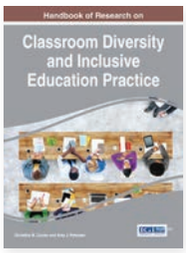

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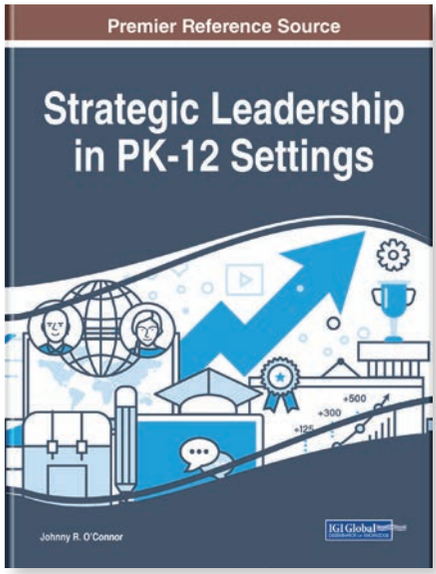

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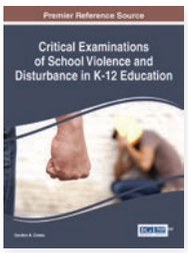

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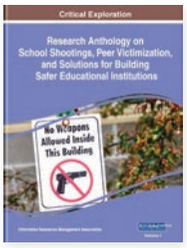

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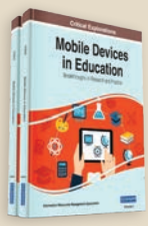

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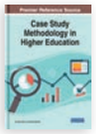

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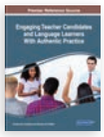

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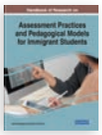

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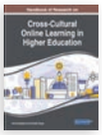

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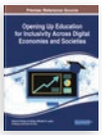

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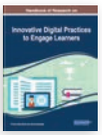

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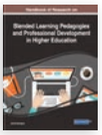

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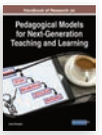

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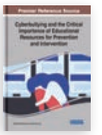

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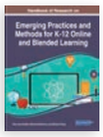

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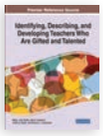

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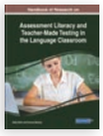

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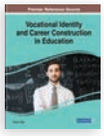

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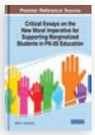

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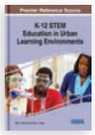

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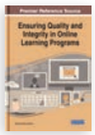

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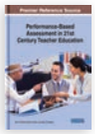

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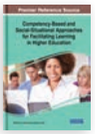

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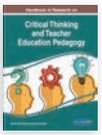

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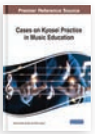

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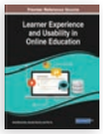

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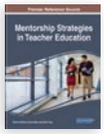

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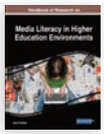

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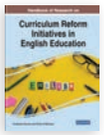

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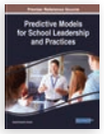

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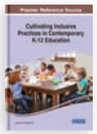

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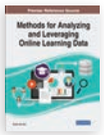

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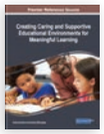

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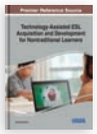

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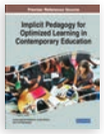

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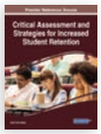

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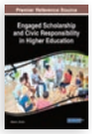

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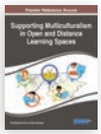

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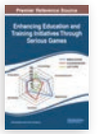

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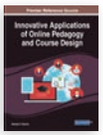

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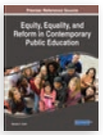

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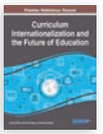

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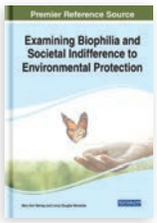

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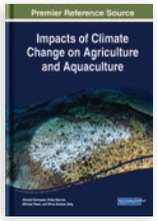

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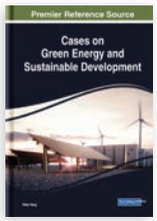

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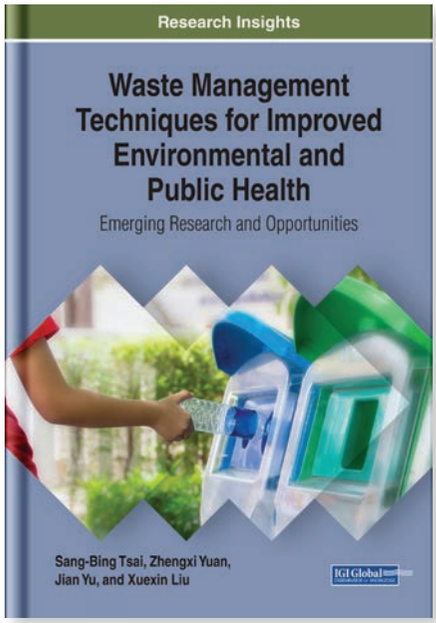

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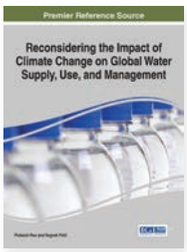

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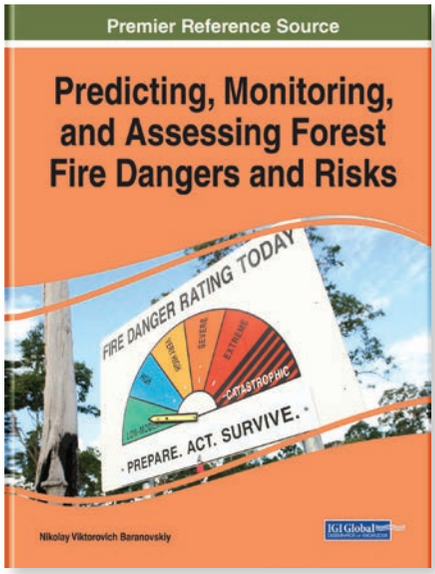

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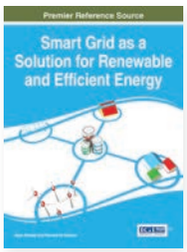

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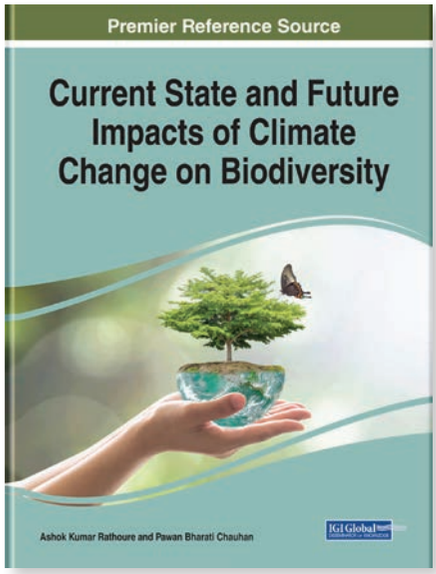

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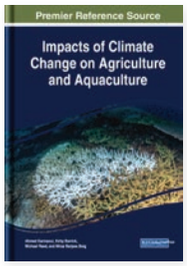

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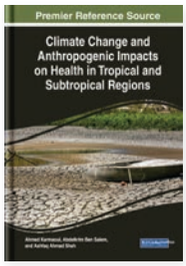

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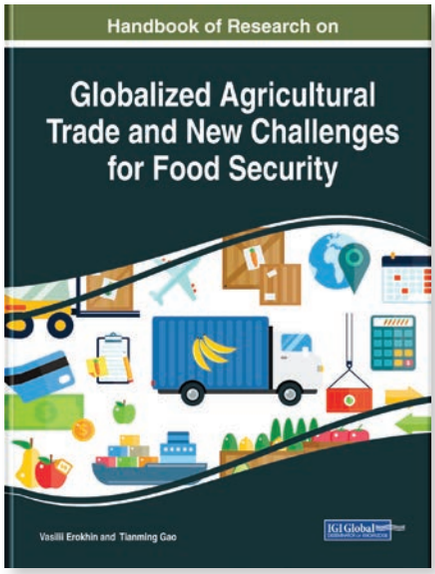

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- Food Independence
- Multinational Alliances
- Plant Fertility
- Protectionism
- Public Policy
- Seed Production
- Sustainable Development
- Waste Reduction

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Pages: 574

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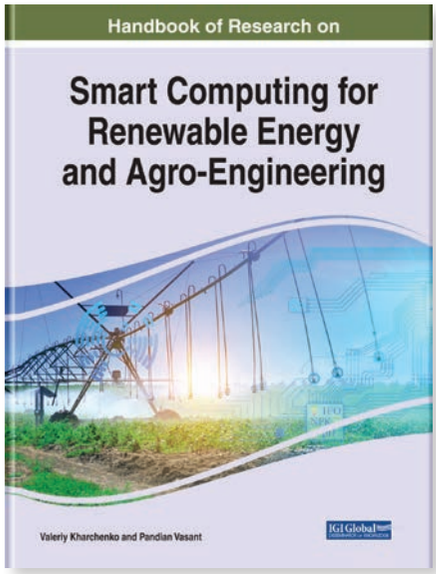

可再生能源和农业工程智能计算研究手册

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. Valeriy Kharchenko (Federal Scientific Agroengineering Center VIM, Russia) and Pandian Vasant (Universiti Teknologi Petronas, Malaysia)

ISBN: 9781799812166
Release Date: December, 2019
Copyright: 2020
Pages: 537

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Description:

The rise in population and the concurrently growing consumption rate necessitates the evolution of agriculture to adopt current computational technologies to increase production at a faster and smoother scale. While existing technologies may help in crop processing, there is a need for studies that seek to understand how modern approaches like artificial intelligence, fuzzy logic, and hybrid algorithms can aid the agricultural process while utilizing energy sources efficiently.

The **Handbook of Research on Smart Computing for Renewable Energy and Agro-Engineering** is an essential publication that examines the benefits and barriers of implementing computational models to agricultural production and energy sources as well as how these models can produce more cost-effective and sustainable solutions. Featuring coverage on a wide range of topics such as bacterial foraging, swarm intelligence, and combinatorial optimization, this book is ideally designed for agricultural engineers, farmers, municipal union leaders, computer scientists, information technologists, sustainable developers, managers, environmentalists, industry professionals, academicians, researchers, and students.

Topics Covered:

- Bacterial Foraging
- Bioenergy Recycling
- Biofuel Supply Chain
- Combinatorial Optimization
- Data Analysis
- Electric Networks
- Evolutionary Computation
- Forecasting
- Seed Machines
- Swarm Intelligence

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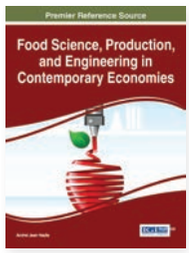

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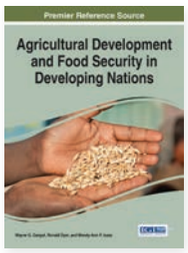

Agricultural Development and Food Security in Developing Nations
© 2017; 370 pp.

环境友好型农业发展的节能技术研究手册

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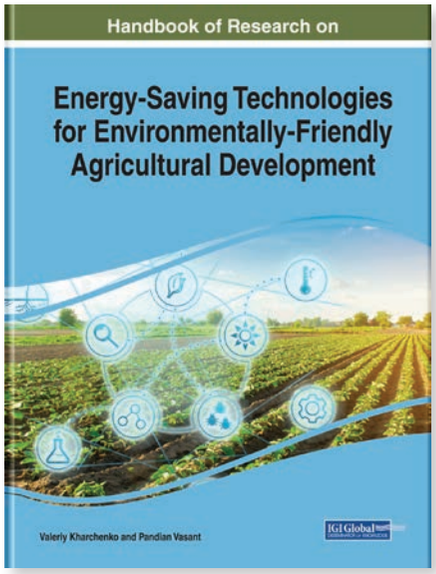

Description:

World population growth and the related increase in the demand for food and other goods has intensified agricultural production throughout the world. Some of today's technologies are characterized by relatively low productivity and high consumption of energy resources.

The **Handbook of Research on Energy-Saving Technologies for Environmentally-Friendly Agricultural Development** is a comprehensive research publication that provides insight into new technologies that create efficient and environmentally-friendly energy potential sufficient for the organization of industrial and social-economic activity in rural areas. Highlighting a variety of topics such as economic development, renewable energy, and climate change, this book is ideal for agricultural business executives, engineers, scientists, environmentalists, entrepreneurs, academicians, researchers, students, and those working in the agro-industrial and housing and communal services sectors.

ISBN: 9781522594208
Release Date: July, 2019
Copyright: 2020
Pages: 554

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Agriculture
- Biogas
- Climate Change
- Economic Development
- Electric Networks
- Electrical Stimulation
- Electricity Transmission
- Energy Efficiency
- Energy-Saving Technology
- Harvesting Machinery
- Intensification Processes
- Mathematical Programming
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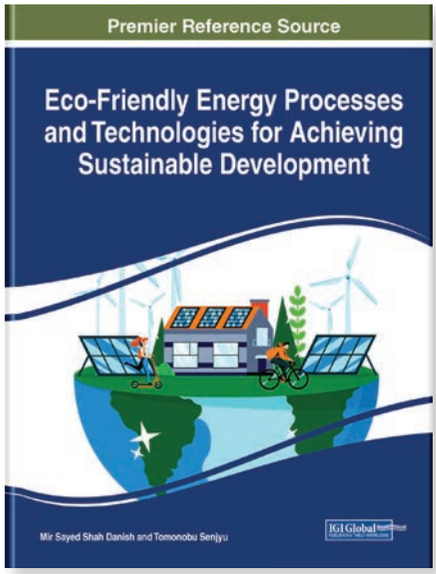

ISBN: 9781799849155
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Pages: 300

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实现可持续发展的环保能源工艺和技术

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. Mir Sayed Shah Danish (University of the Ryukyus, Japan) and Tomonobu Shah Senjyu (University of the Ryukyus, Japan)

Description:

Rapid changes in technology and lifestyle have led to a dramatic increase in energy demand. Growing energy demand is the main cause of environmental pollution, but the efficient use of renewable resources and technologies for residential, commercial, industrial, and agricultural sectors offers the opportunity to diminish energy dependence, ensure efficiency and reliability, reduce pollutant emissions, and buoy national economies. Eco-friendly energy processes are the key to long-term sustainability.

Eco-Friendly Energy Processes and Technologies for Achieving Sustainable Development is a collection of innovative research that identifies sustainability pillars such as environmental, technical, social, institutional, and economic disciplines and explores the longevity of these disciplines through a resource-oriented approach. Featuring coverage of a broad range of topics including environmental policy, corporate accountability, and urban planning, this book is ideally designed for policymakers, urban planners, engineers, advocates, researchers, academicians, and students.

Topics Covered:

- Agriculture
- Climate Change
- Corporate Accountability
- Economic Development
- Environmental Development
- Environmental Ethics
- Environmental Policy
- Green Technology
- Habitat Conservation
- Health and Safety
- Renewable and Non-Renewable Energy
- Rural Development
- Social Ecology
- Urban Planning
- Waste Management

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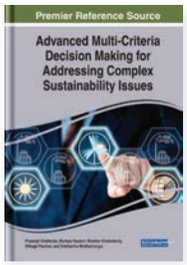

Advanced Multi-Criteria Decision Making for Addressing Complex Sustainability Issues
© 2019; 360 pp.

Sustainable Infrastructure: Breakthroughs in Research and Practice (2 Vols.)
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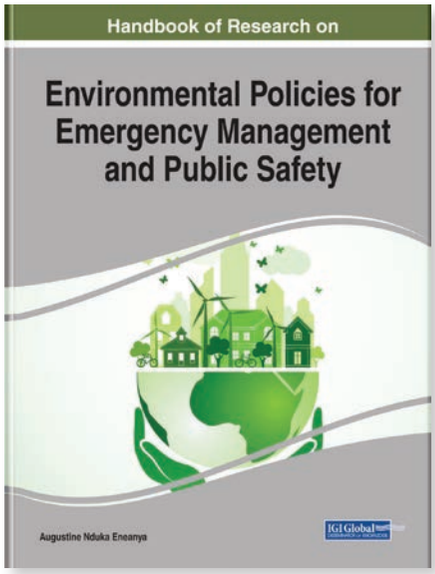
Prof. Augustine Nduka Eneanya (University of Lagos, Nigeria)



Description:

In a world of earthquakes, tsunamis, and hurricanes, it is evident that emergency response plans are crucial to solve problems, overcome challenges, and restore and improve communities affected by such negative events. Although the necessity for quick and efficient aid is understood, researchers and professionals continue to strive for the best practices and methodologies to properly handle these significant events

The **Handbook of Research on Environmental Policies for Emergency Management and Public Safety** is a pivotal reference source for the latest research findings on the examination of environmental policies and its interface with management and public safety from various country's perspectives, its local impacts and global lessons. Featuring extensive coverage on relevant areas, such as public-private partnership, disaster management, and natural resource management, this publication is an ideal resource for academicians, practitioners, and researchers interested in understanding the effects of environmental policies on emergency management.

Topics Covered:

- Disaster Management
- Environmental Changes
- Environmental Media
- Humanitarian Crisis
- Natural Disasters
- Natural Resource Management
- Pollution and Environmental Justice
- Public Policy Framework
- Public-Private Partnership

ISBN: 9781522531944
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Copyright: 2018
Pages: 393

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© 2016; 422 pp.

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© 2016; 362 pp.

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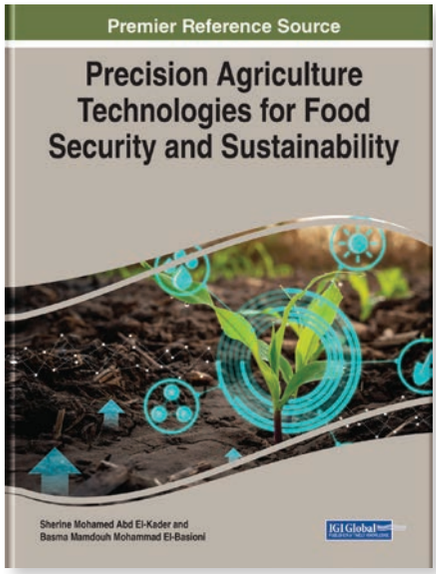

促进粮食安全和可持续发展的精确农业技术

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Profs. Sherine Mohamed Abd El-Kader (Electronics Research Institute, Cairo, Egypt) and Basma Mamdouh Mohammad El-Basioni (Electronics Research Institute, Cairo, Egypt)

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Release Date: October, 2020
Copyright: 2021
Pages: 300

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Description:

Precision agriculture integrates new technologies with the agronomic experience to intelligently manage the high spatial variability of all agricultural variables and the time scales at which these variables change. The right application of this approach increases the size and quality of the agricultural production; saves resources; improves environmental quality; helps to achieve self-sufficiency, food security, and agricultural sustainability; increases exports; and more.

Precision Agriculture Technologies for Food Security and Sustainability is an essential reference source that compiles a comprehensive, multidisciplinary review of current research in the field of precision agriculture. It also discusses cutting-edge tools and models that can help facilitate and improve the systems implementation. Featuring coverage of a wide range of topics including agronomy, public policy, and internet of things, this book is ideally designed for agriculturalists, government officials, economists, environmentalists, academicians, researchers, students, and engineers in the fields of electronics, ICT, and agriculture.

Topics Covered:

- Agricultural Sensors
- Agronomy
- Autonomous Machinery
- Commercialization Strategies
- Decision Support Systems
- Economics
- Education Systems
- Hardware
- Implementation Strategies
- Internet of Things
- Market Segmentation and Analysis
- Nanotechnology
- Public Policy
- Software

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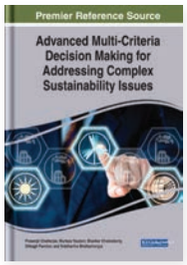

Advanced Multi-Criteria Decision Making for Addressing Complex Sustainability Issues
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Sustainable Infrastructure: Breakthroughs in Research and Practice (2 Vols.)
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气候变化对农业、水产养殖业和渔业的影响

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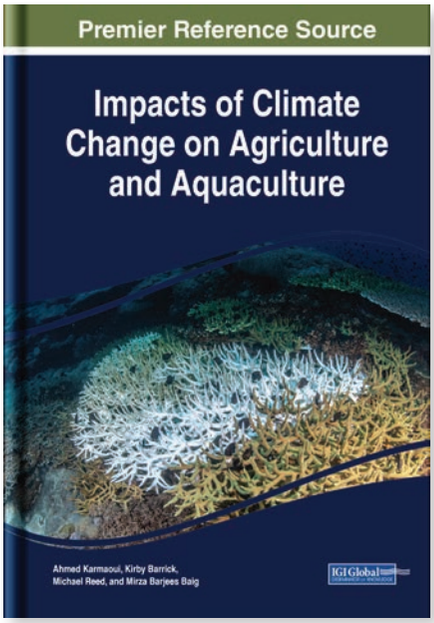
Profs. Ahmed Karmaoui (Southern Center for Culture and Sciences, Morocco), Kirby Barrick (University of Florida, USA),Michael Reed (University of Kentucky, USA), and Mirza Barjees Baig (King Saud University, Saudi Arabia)



Description:

Climate change is expected to influence several productive sectors, the most significant of which is agriculture. Agriculture comprises an important sector of the global economy that includes crops, livestock, and seafood. Agriculture, aquaculture, and fisheries are closely linked to the climate, with changes in climatic conditions able to drastically affect animal and plant productivity, which in turn has a direct impact on human well-being.

Impacts of Climate Change on Agriculture and Aquaculture is a critical scholarly publication that provides an integrated assessment of climate change impacts on agriculture, aquaculture, and fisheries and explores a set of strategies to secure sustainable food security. While highlighting the associations between climate change, food security, and socio-economic development, the book establishes an inventory of good agricultural practices for the adaptation to climate change and presents solutions for making agricultural and food systems more sustainable. Featuring a wide range of topics such as carbon sequestration, ecosystem management, and desertification, this book is ideal for agriculturalists, environmentalists, fisheries, marine biologists, ichthyologists, government officials, academicians, policy makers, scientists, professionals, researchers, and students.

Topics Covered:

- Agriculture
- Aquaculture
- Carbon Sequestration
- Climate Change
- Desertification
- Ecosystem Management
- Fisheries
- Food Security
- Genetic Resources
- Sustainability
- Water Management

ISBN: 9781799833437
Release Date: August, 2020
Copyright: 2021
Pages: 333

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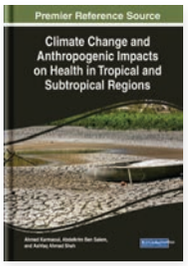
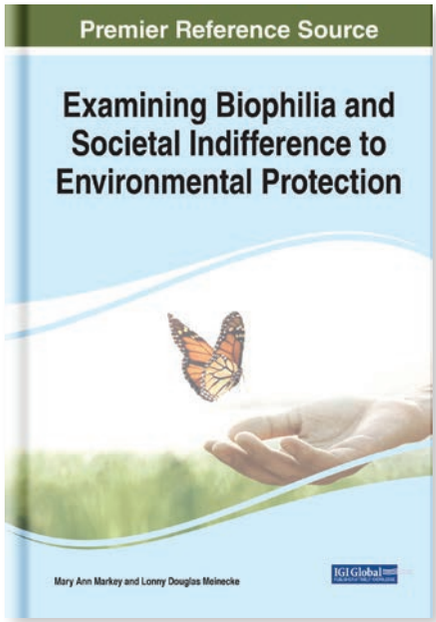


Climate Change and Anthropogenic Impacts on Health in Tropical and Subtropical Regions
© 2020; 177 pp.



审视对环境保护的亲生物性和社会冷漠

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Profs. Mary Ann Markey (Grand Canyon University, USA) and Lonny Douglas Meinecke (King University, USA)

ISBN: 9781799844082
Release Date: July, 2020
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Pages: 279

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Description:

The theory of biophilia posits that there is an innate connection between all the species that share Earth's biosphere and that this connection is inherently collaborative as organisms work together to ensure survival as opposed to competing for resources and territory. As threats to the environment increase in frequency and scale, applying a scientifically rigorous lens to the biophilia theory becomes crucial to ensuring survival.

Examining Biophilia and Societal Indifference to Environmental Protection is a pivotal reference source that explores the relationship between nature, humanity, and mindfulness. The book is broken into three sections with the first section introducing the reader to biophilia and examining how this phenomenon results in human awe for nature. The second section investigates the value of biophilia and covers human exploitation of nature, including how this has changed the regard for children and elders. The final section outlines a practical approach to restoring nature and renewing faith in one another. While highlighting a broad range of topics including mental health, natural disasters, and taxonomy, this book is ideally designed for biologists, activists, engineers, policymakers, government officials, academicians, researchers, and students.

Topics Covered:

- Aging
- Astrophilia
- Conflict Resolution
- Economics
- Environmental Protectionism
- Juvenility
- Mental Health
- Mindfulness
- Natural Disasters
- Reverence for Nature
- Societal Indifference
- Taxonomy

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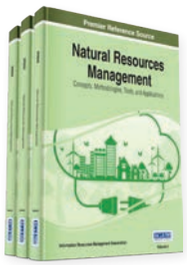
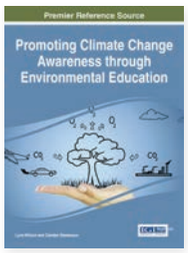


Natural Resources Management: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2017; 1,647 pp.



Promoting Climate Change Awareness through Environmental Education
© 2016; 305 pp.

智能农业服务中深度学习、大数据和物联网的运用

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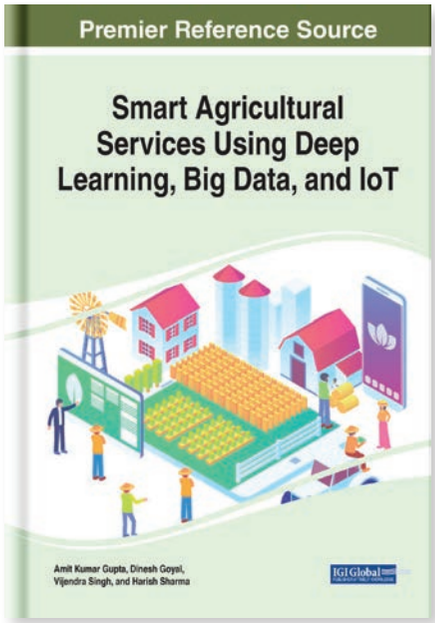

Description:

The agricultural sector can benefit immensely from developments in the field of smart farming. However, this research area focuses on providing specific fixes to particular situations and falls short on implementing data-driven frameworks that provide large-scale benefits to the industry as a whole. Using deep learning can bring immense data and improve our understanding of various earth sciences and improve farm services to yield better crop production and profit.

Smart Agricultural Services Using Deep Learning, Big Data, and IoT is an essential publication that focuses on the application of deep learning to agriculture. While highlighting a broad range of topics including crop models, cybersecurity, and sustainable agriculture, this book is ideally designed for engineers, programmers, software developers, agriculturalists, farmers, policymakers, researchers, academicians, and students.

Topics Covered:

- Anomaly Detection
- Big Data Integration
- Big Data Management
- Cloud-Based Systems
- Crop Models
- Cybersecurity
- Data Privacy
- Decision Support Systems
- Deep Packet Inspection
- Man-Machine Dialogue Systems
- Sustainable Agriculture

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Pages: 300

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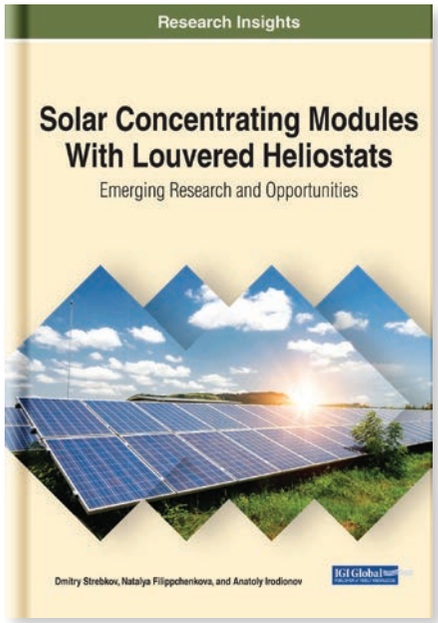

ISBN: 9781799842767
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Pages: 200

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百叶窗定日镜太阳能聚光组件：新兴研究和机遇

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Prof. Dmitry Strebkov (Federal State Budget Scientific Institution, Russia & Federal Scientific Agroengineering Center VIM, Russia), et al.

Description:

The development of solar energy is becoming increasingly widespread all over the world. One significant way to reduce the cost of energy generated by solar modules, as well as reduce the need for centralized energy supply, is the use of non-tracking concentrator solar modules integrated into the building structure. As this area of engineering gains interest from all sectors, it is crucial to understand how to increase productivity in order to make solar modules an excellent source of energy.

Solar Concentrating Modules With Louvered Heliostats: Emerging Research and Opportunities is an essential publication that formulates a scientifically based approach to the development of non-tracking solar modules with a system of linear louvered heliostats and the selection of the operating mode of the developed modules depending on various requirements of the consumer of thermal or electric energy. The proposed design can solve the problem of the lack of space for placing solar energy facilities in the city, as well as provide heat and electricity to consumers in the residential and public sectors and agricultural enterprises. The research results presented in the book can be used in the development of technological schemes and designs of photovoltaic, thermal, and cogeneration power plants with solar energy concentrators.

Topics Covered:

- Applications
- Artificial Intelligence
- Basic Characteristics
- Concentrators
- Economic Characteristics
- Neural Networks
- Photodetectors
- Receivers
- Solar Module Development
- Solar Power Plants
- Solar Radiation
- Technical Elements
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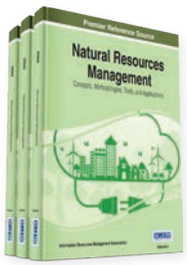

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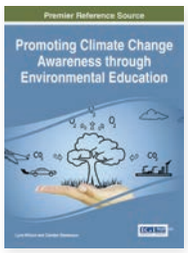

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空间优化问题的跨学科探讨

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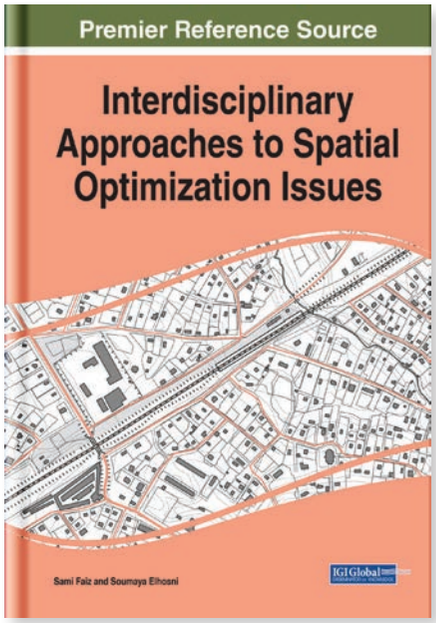

Description:

As metropolises continue to see a growth in population, planners are continually searching for trending methods for utilizing space and seeking the best geographical arrangements for these cities. Professionals have continually used geographic information systems (GIS) to solve these issues; however, limitations in this technology remain prevalent. Integrating multiple-criteria decision analysis and evolutionary computing tools with GIS has created an array of robust solutions for spatial optimization problems in densely populated areas.

Interdisciplinary Approaches to Spatial Optimization Issues is a pivotal reference source that provides vital research on advancements within the field of GIS and evolutionary solutions for spatial optimization issues. While highlighting topics such as computing machinery, vehicular routing, and operational research, this publication is ideally designed for practitioners, technicians, developers, academicians, students, government officials, planners, and researchers seeking current research on applications and improvements within spatial optimization and GIS.

Topics Covered:

- Computing Machinery
- Decision Analysis
- Disaster Management
- Genetic Computation
- Geo Big Data
- Geographic Information Systems
- Land Use Allocation
- Operational Research
- Urban Planning
- Vehicular Routing
- Water Distribution Networks

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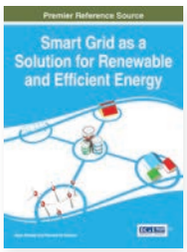

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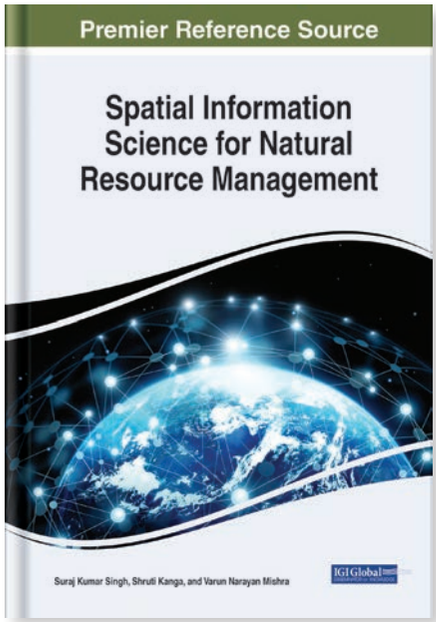

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Description:

Stress on natural resources has recently increased due to commercialization and the need to provide livelihoods for locals. Because they are such core parts of everyday life, ensuring sustainability in resource management is of paramount importance. Only by integrating the tools of spatial information science can an effective course for preserving and protecting natural resources be created.

Spatial Information Science for Natural Resource Management is a pivotal reference source that explores coordinated approaches to sustainable development and management of natural resources to keep a balance of the environment, ecology, and human livelihood. Featuring coverage on a wide range of topics including crop yield estimation, ecosystem services, and land information systems, this book covers interdisciplinary techniques in monitoring and managing natural resources. This publication is ideally designed for urban planners, environmentalists, policymakers, ecologists, researchers, academicians, students, and professionals in the fields of remote sensing, civil engineering, social science, computer science, and information technology.

Topics Covered:

- Crop Monitoring
- Crop Yield Estimation
- Digital Image Processing
- Ecosystem Modelling
- Ecosystem Services
- Environmental Impact
- Forest Resource Mapping
- Geographic Information Systems
- Glacier Monitoring
- Global Positioning System
- Hydrology
- Land Information Systems
- Landscape Dynamics
- Remote Sensing
- Urban Planning

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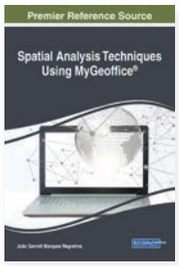

Spatial Analysis Techniques Using MyGeoffice®
© 2018; 336 pp.

Geospatial Technologies in Urban System Development: Emerging Research and Opportunities
© 2018; 179 pp.

废物管理：概念、方法、工具和应用

As the world's population continues to grow and economic conditions continue to improve, more solid and liquid waste is being generated by society. Improper disposal methods can not only lead to harmful environmental impacts but can also negatively affect human health. To prevent further harm to the world's ecosystems, there is a dire need for sustainable waste management practices that will safeguard the environment for future generations.

Research Anthology on Waste Management: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines the management of different types of wastes and provides relevant theoretical frameworks about new waste management technologies for the control of air, water, and soil pollution. Highlighting a range of topics such as contaminant removal, landfill treatment, and recycling, this multi-volume book is ideally designed for environmental engineers, waste authorities, solid waste management companies, landfill operators, legislators, environmentalists, policymakers, government officials, academicians, researchers, and students.

ISBN: 978-1-7998-1210-4
EISBN: 978-1-7998-1211-1
© 2020; 1,680 pp.

Pricing
Hardcover: US $2,250
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Topics Covered:

- Aluminum waste
- Bio-Waste
- Bottled Water Production
- Constructed Wetlands
- Contaminants in Water
- Green Manufacturing
- Landfills
- Medical Waste
- Nanofiltration
- Nutrients Recovery
- Nutrients Removal
- Polymer Consumption
- Solid Waste
- Sustainability
- Waste Collection
- Waste Management
- Waste Water
- Water Quality

本书章节示例：

Chapter 1: Introduction to Solid Waste and Its Management Prof. Hamidi Abdul Aziz, Universiti Sains Malaysia, Malaysia Prof. Salem Abu Amr, Universiti Sains Malaysia, Malaysia	**Chapter 4: The Fundamentals of Water and Natural Waters** Prof. Benjamin Cuker, Hampton University, USA Prof. George Bugyi, Pennsylvania State University, USA
Chapter 8: A Review of Emerging Contaminants in Water: Classification, Sources, and Potential Risks Prof. Alexandros I. Stefanakis, University of Brighton, UK Prof. Julie A. Becker, University of the Sciences, USA	**Chapter 25: Constructed Wetlands: Description and Benefits of an Eco-Tech Water Treatment System** Prof. Alexandros I. Stefanakis, University of Brighton, UK
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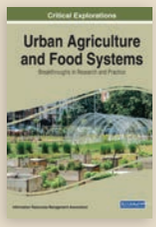

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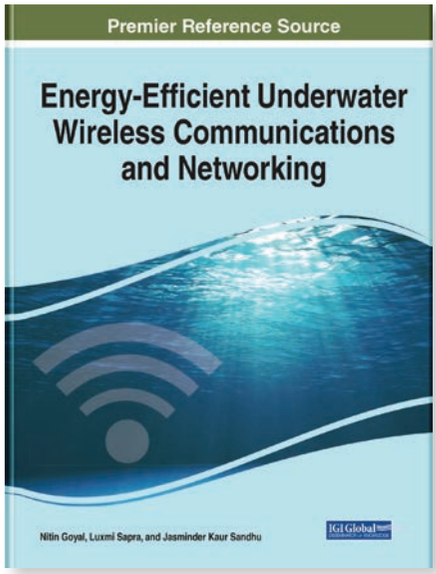
EISBN: 9781522596226
© 2020; 1,734 pp.

Research Anthology on Environmental and Agricultural Informatics: Concepts, Methodologies, Tools, and Applications (3 Volumes)



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Description:

Underwater wireless sensor networks (UWSN) are envisioned as an aquatic medium for a variety of applications including oceanographic data collection, disaster management or prevention, assisted navigation, attack protection, and pollution monitoring. Similar to terrestrial wireless sensor networks (WSN), UWSNs consist of sensor nodes that collect the information and pass it to a base station; however, researchers have to face many challenges in executing the network in an aquatic medium.

Energy-Efficient Underwater Wireless Communications and Networking is a crucial reference source that covers existing and future possibilities of the area as well as the current challenges presented in the implementation of underwater sensor networks. While highlighting topics such as digital signal processing, underwater localization, and acoustic channel modeling, this publication is ideally designed for machine learning experts, IT specialists, government agencies, oceanic engineers, communication experts, researchers, academicians, students, and environmental agencies concerned with optimized data flow in communication network, securing assets, and mitigating security attacks.

Topics Covered:

- Acoustic Channel Modeling
- Autonomous Underwater Vehicles (AUVs)
- Bandwidth Efficiency
- Communication Architecture
- Communication Bandwidth
- Data Collection and Processing
- Digital Signal Processing
- Fault Management
- Machine Learning
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© 2016; 318 pp.

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Description:

Pollution and ways to combat it have become topics of great concern for researchers. One of the most important dimensions of this global crisis is wastewater, which can often become contaminated with heavy metals such as lead, mercury, and arsenic, which are released from different industrial wastes, mines, and agricultural runoff. Bioremediation of such heavy metals has been extensively studied using different groups of bacteria, fungi, and algae, and has been considered as a safer, eco-friendly, and cost-effective option for mitigation of contaminated wasteland. The toxicity of water impacts all of society, and so it is of great importance that we understand the better, cleaner, and more efficient ways of treating water.

Recent Advancements in Bioremediation of Metal Contaminants is a pivotal reference source that explores bioremediation of pollutants from industrial wastes and examines the role of diverse forms of microbes in bioremediation of wastewater. Covering a broad range of topics including microorganism tolerance, phytoremediation, and fungi, the role of different extremophiles and biofilms in bioremediation are also discussed. This book is ideally designed for environmentalists, engineers, policymakers, academicians, researchers, and students in the fields of microbiology, toxicology, environmental chemistry, and soil and water science.

ISBN: 9781799848882
Release Date: July, 2020
Copyright: 2021
Pages: 363

Pricing:

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Topics Covered:

- Biofilms
- Chromate Reductase Enzyme
- Extremophiles
- Fungi
- Hexavalent Chromium Bioremediation
- Industrial Waste
- Microbial Enzymes
- Microorganism Tolerance
- Physical Remediation Practices
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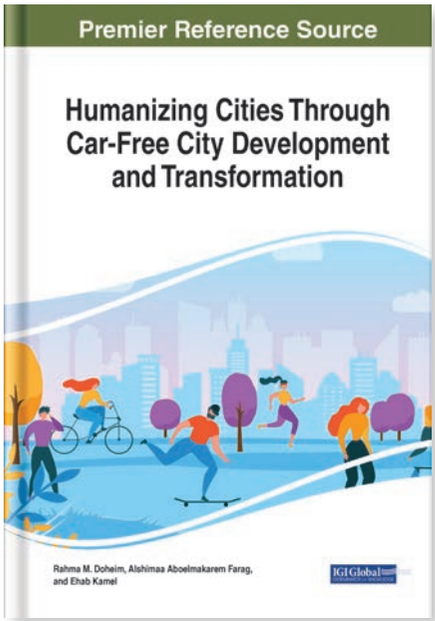

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Description:

The heavy dependency on private cars has shaped the design of cities. While offering fast, comfortable, and convenient commutes, cars have become the most popular method of transportation, but are also a health crisis due to the toxic emissions they release into the atmosphere as well as the high death toll from traffic accidents. For these reasons, there is a need to minimize the use of cars within cities in favor of greener and humanized urban design that would improve the quality of life and reduce the global threat of climate change.

Humanizing Cities Through Car-Free City Development and Transformation is an essential publication that explores the concepts of car-free cities and city humanization as possible solutions to reduce the deteriorating effect on the environment and the community. The publication discusses the urban initiative to implement pedestrianization and humanization of cities and public spaces to promote the concept of car-free living. Featuring coverage on a wide range of topics including city humanization, smart mobility, and urban policies, this book is ideally designed for urban planners, environmentalists, government officials, policymakers, architects, transportation authorities, researchers, academicians, and students.

Topics Covered:

- City Humanization
- Land Use
- Public Participation
- Quality of Life
- Smart Mobility
- Sustainable Mobility
- Transportation Infrastructure
- Transportation Modes
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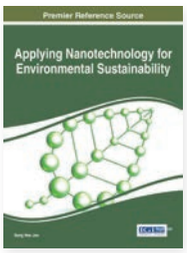
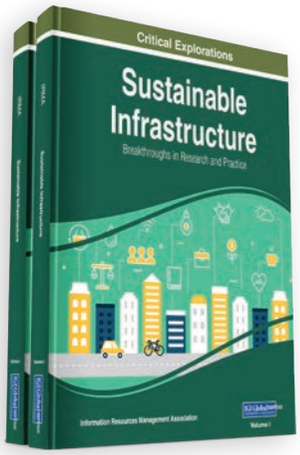


Applying Nanotechnology for Environmental Sustainability
© 2017; 558 pp.

可持续基建：研究与实践突破

The continued growth of any nation depends largely on the development of their built infrastructures and communities. By creating stable infrastructures, countries can more easily thrive in competitive international markets.

Research Anthology on Sustainable Infrastructure: Breakthroughs in Research and Practice examines sustainable development through the lens of transportation, waste management, land use planning, and governance. Highlighting a range of topics such as sustainable development, transportation planning, and regional and urban infrastructure planning, this publication is an ideal reference source for engineers, planners, government officials, developers, policymakers, legislators, researchers, academicians, and graduate-level students seeking current research on the latest trends in sustainable infrastructure.



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- Environmental Concerns
- Inclusive Growth
- Infrastructure Sustainability
- Land Use Planning
- Regional and Urban Infrastructure Planning
- Renewable Energy
- Rural Development
- Spatial Planning
- Supply Chain Management
- Sustainable Development
- Transportation Planning
- Waste Management
- Water Supply Management
- Wireless Sensor Networks

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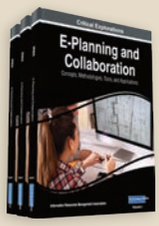

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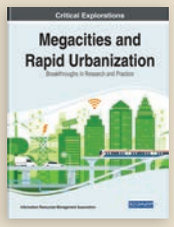

ISBN: 9781522592761
EISBN: 9781522592778
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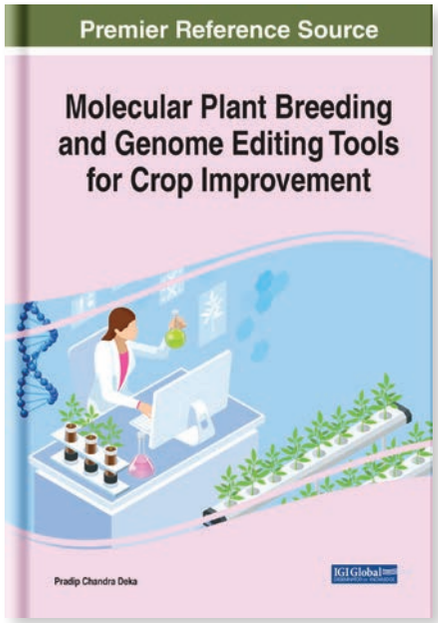

作物改良的分子植物育种和基因组编辑工具

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Prof. Pradip Chandra Deka (Sir Padampat Singhania University, India)

ISBN: 9781799843122
Release Date: August, 2020
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Pages: 489

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Description:

Plant breeders have used mutagenic agents to create variability for their use in crop improvement. However, application of mutagenic agents has its own drawbacks, such as non-specificity and random nature, simultaneous effect on large numbers of genes, and induction of chromosomal aberrations. To overcome these limitations, several genome editing systems have been developed with the aid of cutting-edge technology rooted in the expertise of several research fields.

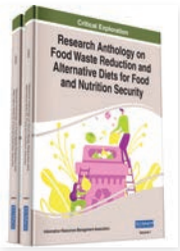
Molecular Plant Breeding and Genome Editing Tools for Crop Improvement is a pivotal reference source that provides an interdisciplinary approach to crop breeding through genetics. Featuring coverage of a broad range of topics including software, molecular markers, and plant variety identification, this book is ideally designed for agriculturalists, biologists, engineers, advocates, policymakers, researchers, academicians, and students.

Topics Covered:

- Breeding Decisions
- DNA Barcoding
- Gene Cloning
- Germplasm Conservation
- Hairy Roots
- Marker-Assisted Breeding
- Metabolomics
- Molecular Biological Techniques
- Molecular Markers
- Phylogenetic Studies
- Plant Variety Identification
- Proteomics
- Software

Related Books

Food Systems Sustainability and Environmental Policies in Modern Economies
© 2018; 371 pp.



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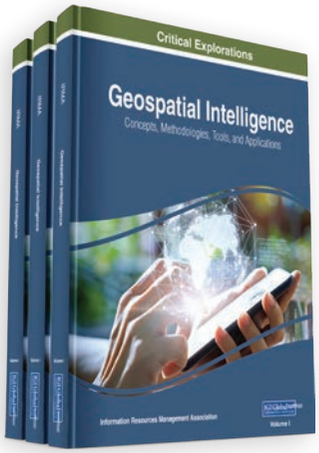

Decision makers, such as government officials, need to better understand human activity in order to make informed decisions. With the ability to measure and explore geographic space through the use of geospatial intelligence data sources including imagery and mapping data, they are better able to measure factors affecting the human population. As a broad field of study, geospatial research has applications in a variety of fields including military science, environmental science, civil engineering, and space exploration.

Research Anthology on Geospatial Intelligence: Concepts, Methodologies, Tools, and Applications explores multidisciplinary applications of geographic information systems to describe, assess, and visually depict physical features and to gather data, information, and knowledge regarding human activity. Highlighting a range of topics such as geovisualization, spatial analysis, and landscape mapping, this multi-volume book is ideally designed for data scientists, engineers, government agencies, researchers, and graduate-level students in GIS programs.

ISBN: 978-1-5225-8054-6
EISBN: 978-1-5225-8055-3
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- Geospatial Databases
- Geospatial Facilities
- Geospatial Intelligence
- Geovisualization
- Humanitarian Demining
- Land Use
- Landscape Mapping
- Located-Based Services
- Machine Learning
- Mobile Mapping
- Remote Sensing
- Satellite Data
- Spatial Analysis
- Urban Expansion

本书章节示例:

Chapter 6: Military Geography Research Notes Prof. Steven Douglas Fleming, University of Southern California (USC), USA	**Chapter 8: A Novel Approach to Studying Cultural Landscapes at the Watershed Level** Prof. Carlos José Lopes Balsas, University at Albany (SUNY), USA
Chapter 21: Integrated Multi-Scalar Approach for 3D Cultural Heritage Acquisitions Prof. Michele Russo, Politecnico di Milano, Italy Prof. Anna Maria Manferdini, University of Bologna, Italy	**Chapter 25: A Spatio-Temporal Decision Support System for Designing With Street Trees** Prof. Marcus R. White, Swinburne University of Technology, Australia Prof. Nano Langenheim, Monash University, Australia
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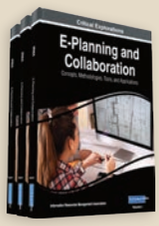

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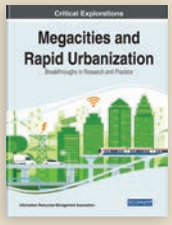

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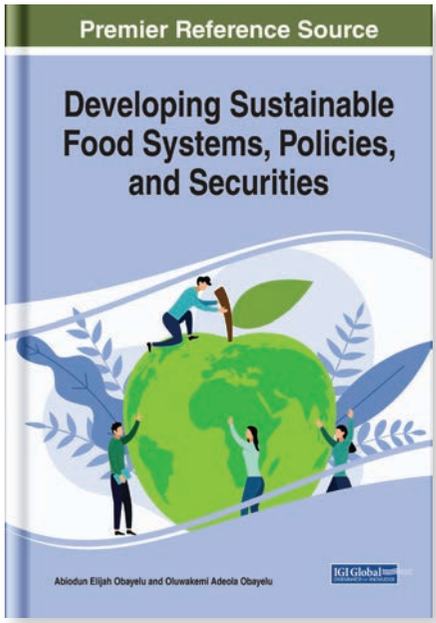

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Profs. Abiodun Elijah Obayelu (Federal University of Agriculture, Abeokuta, Nigeria) and Oluwakemi Adeola Obayelu (University of Ibadan, Nigeria)

Description:

A food system is sustainable if it delivers food and nutrition security for all without compromising the economic, social, and environmental bases to generate food security and nutrition for future generations. Sustainable food systems are vital in ensuring global health and ending malnutrition in all its forms. Assessing important dimensions of the food system such as nutrition, sustainable agriculture, food loss and waste can provide stakeholders with necessary information to evaluate the strength of their country's food systems and determine where more support is needed.

Developing Sustainable Food Systems, Policies, and Securities is a pivotal reference source that explores the nature, extent, and causes of nutrition problems across the world as well as the role that agricultural policy plays in these issues. The book supports the development of sustainable food systems, policy options, and securities by various countries in order to successfully maintain sustainable food production systems. Featuring research topics such as food security, carbon emissions, and nutrition, the book is ideally designed for economists, environmentalists, food producers, policymakers, researchers, academicians, and students seeking coverage on agricultural and sustainability issues.

Topics Covered:

- Agricultural Production
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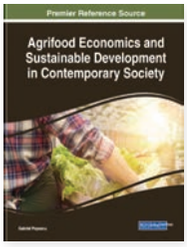
Related Books



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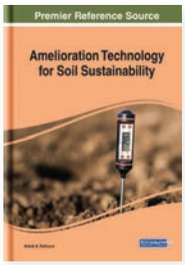

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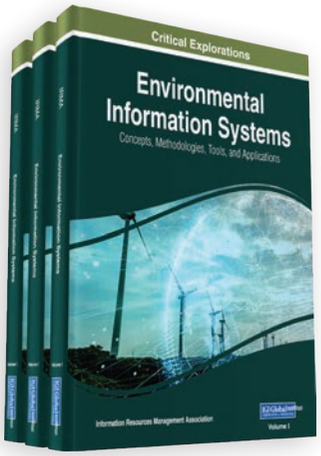
Bringing together the international perspectives of researchers in the U.S., Australia, China, Canada, Italy, and more, this title is an ideal reference for engineers, data scientists, practitioners, academicians, and researchers interested solving conceptual, methodological, technical, and managerial issues within Environmental Information Systems.

Research Anthology on Environmental Information Systems: Concepts, Methodologies, Tools, and Applications is an innovative reference source containing the latest research on the use of information systems to track and organize environmental data for use in an overall environmental management system. Highlighting a range of topics such as environmental analysis, remote sensing, and geographic information science, this multi-volume book is designed for engineers, data scientists, practitioners, academicians, and researchers interested in all aspects of environmental information systems.



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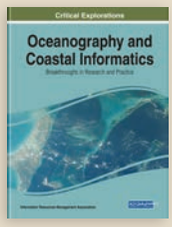

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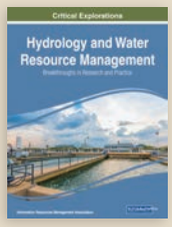

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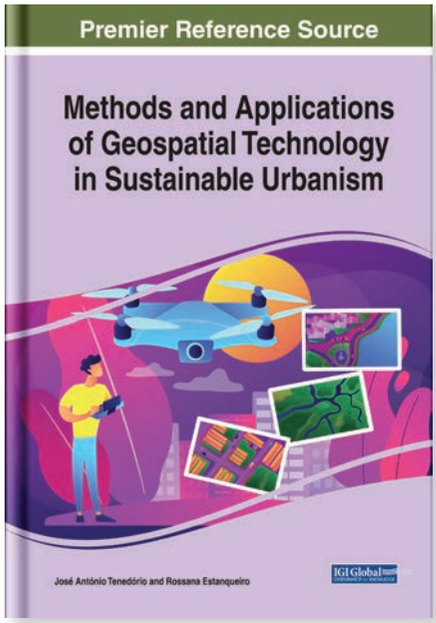

地理空间技术在可持续城市化中的方法与应用

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Description:

While megacities are a reality, so too are the environmental disturbances that they cause, including air and water pollution. These disturbances can be modeled with technology and data obtained by modern methods, such as by drone, to monitor cities in near real-time as well as help to simulate risk situations and propose future solutions. These solutions can be inspired by the theoretical principles of sustainable urbanism.

Methods and Applications of Geospatial Technology in Sustainable Urbanism is a collection of innovative research that combines theory and practice on analyzing urban environments and applying sustainability principles to them. Highlighting a wide range of topics including geographic information systems, internet mapping technologies, and green urbanism, this book is ideally designed for urban planners, public administration officials, landscape analysts, geographers, engineers, entrepreneurs, academicians, researchers, and students.

Topics Covered:

- Big Data
- Circular Economy
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- Drones
- Geographic Information Systems
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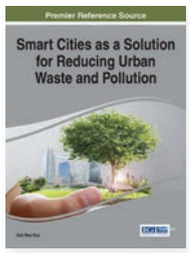

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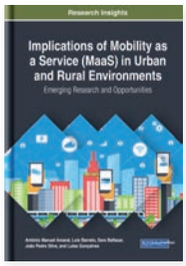
© 2016; 362 pp.



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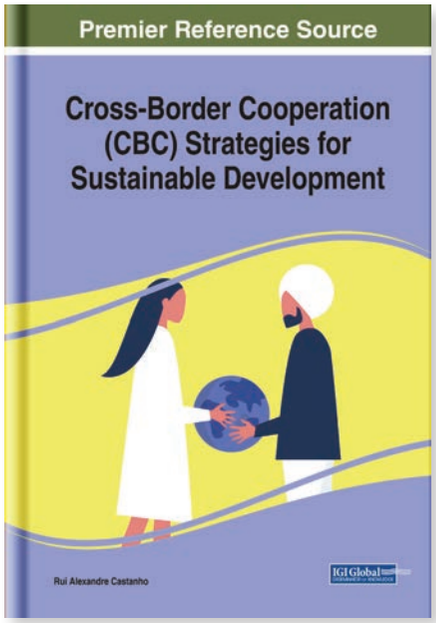

Description:

As the importance of sustainability in strategy and development grows, so does the importance of cross-border cooperation (CBC) to facilitate green projects. Border territories, however, are complex and fragile areas, and thus, their planning through CBC projects should be deeply analyzed and studied. It has become crucial to understand this issue across many different disciplines.

Cross-Border Cooperation (CBC) Strategies for Sustainable Development is a pivotal reference source that provides relevant theoretical frameworks and trends in border area dynamics as well as cross-border cooperation's influence on sustainable development. Highlighting topics such as CBC in insular territories, biodiversity policy, and sustainable planning and development, this book is ideally designed for culture analysts, sustainability specialists, policymakers, researchers, academicians, and students.

Topics Covered:

- Biodiversity Policies and Strategies
- CBC in Insular Territories
- Culture Management
- Environmental Legislation
- Inter-Organizational Cooperation
- Migratory Strategies
- Public Management
- Renewable Energies
- Sustainable Economy
- Sustainable Planning and Development
- Territorial Governance and Strategies
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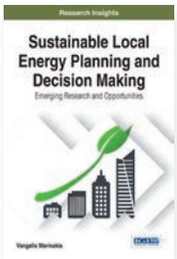

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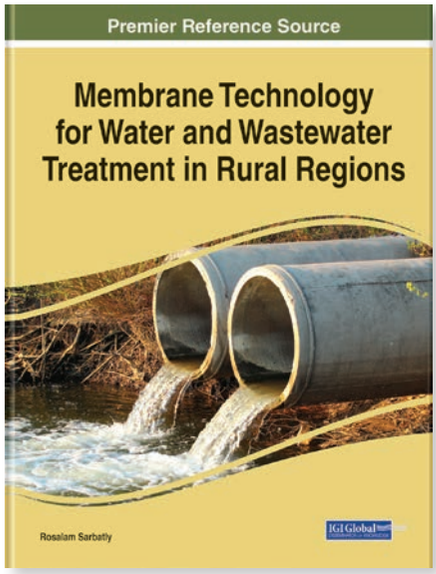

膜技术在农村用水和废水处理中的运用

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Prof. Rosalam Sarbatly (Universiti Malaysia Sabah, Malaysia)

Description:

As a basic human need, water and its treatment are of the utmost importance. However, some rural areas are disadvantaged and have difficulty in effectively treating their water supply, which can affect the health and safety of their region. To protect and defend citizens, research must supply effective and applicable methods in securing the safety and drinkability of water.

Membrane Technology for Water and Wastewater Treatment in Rural Regions is an essential publication that discusses the fabrication and characterization of membranes, processes and operations, and specific applications of membranes on water and wastewater treatment. Moreover, the book discusses selected promising aspects of membrane usage in the industry with a focus on palm oil mill industry, sewage management and treatment, and water treatment in rural areas. Featuring coverage on a broad range of topics including membrane processes, water production, and transport resistances, this book is ideally designed for engineers, chemists, environmentalists, public officials, researchers, academicians, students, and industry professionals.

ISBN: 9781799826453
Release Date: February, 2020
Copyright: 2020
Pages: 354

Pricing:

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E-Book: US $205.00

Topics Covered:

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- Membrane Characterization
- Membrane Fabrications
- Membrane Processes
- Microalgae
- Nanofiber Distillation
- Sewage Management
- Transport Resistances
- Wastewater
- Water Production
- Water Treatment

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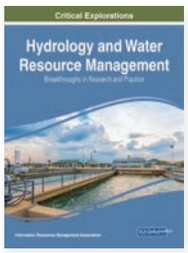

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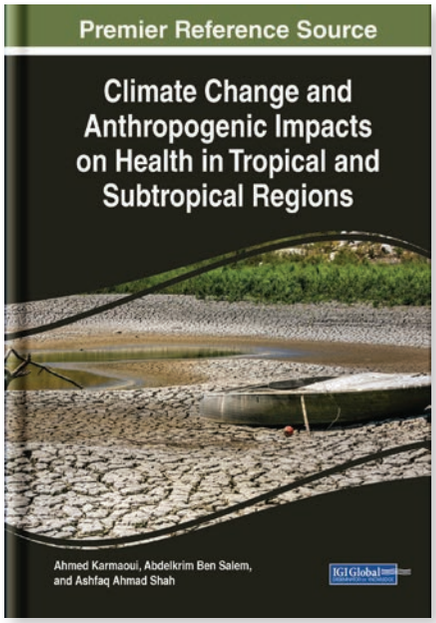

Description:

Climate change and environmental pollution remain two primary areas of concern in today's world. These detrimental influences continue to have a strong impact on various aspects of humanity, specifically public health in tropical regions. Researchers have seen neglected tropical diseases (NTDs) affected by climate change and anthropogenic impacts.

Climate Change and Anthropogenic Impacts on Health in Tropical and Subtropical Regions is a pivotal reference source that provides vital research on the association of environmental pollutants and global warming with viruses in tropical regions. While highlighting topics such as pathogenicity, travel impact, and economic impacts, this publication explores the developments and trends in these areas of medicine and ecology, as well as prevention strategies to be used for educational and sensitization purposes. This book is ideally designed for doctors, medical practitioners, ecologists, epidemiologists, environmentalists, world health organizations, researchers, biologists, policymakers, academicians, and students.

Topics Covered:

- Biomedical Research
- Disease Ecology
- Disease Treatment
- Economic Effects
- Endemicity
- Pathogenicity
- Public Health
- Sanitation and Hygiene
- Social Effects
- Travel Impact

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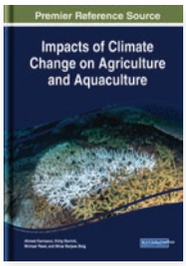

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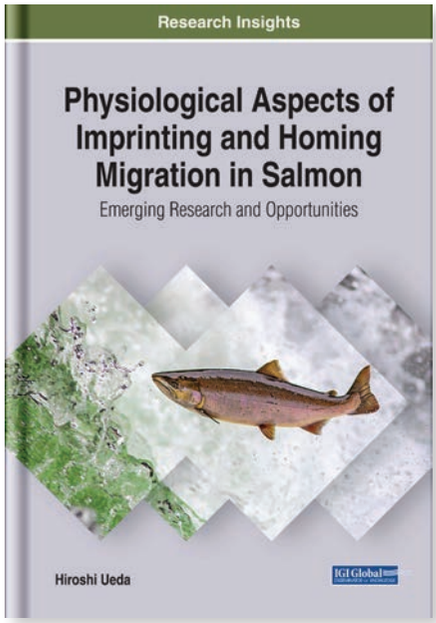

鲑鱼印记和归巢迁移的生理学研究：新兴研究和机遇

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Prof. Hiroshi Ueda (Hokkaido University, Japan)

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Description:

Salmon are one of the most popular and commonly eaten fish and are among the most important fishery resources in the world. They are born and die in fresh water but can live in both fresh water and seawater where they migrate between rivers and oceans, showing amazing abilities to home to their natal stream precisely. However, their dynamic life cycles and mysterious abilities of natal stream imprinting and homing migration are not well understood.

Physiological Aspects of Imprinting and Homing Migration in Salmon: Emerging Research and Opportunities is a pivotal reference source that introduces the dynamic and complicated life cycle of salmon connected with fish migration and climate changes and presents physiological mechanisms of natal stream imprinting and homing in salmon with special references to hormone, olfaction, memory, and behavior. Additionally, salmon resources concerning salmon commercial fisheries, aquaculture, and global propagation systems are discussed. This book is ideally designed for ichthyologists, environmentalists, pisciculture professionals, fisheries, marine biologists, scientists, researchers, academicians, and students seeking coverage on one of the most integral species of fish in the world.

Topics Covered:

- Aquaculture
- Behavior
- Climate Changes
- Hormone Mechanisms
- Life Cycles
- Memory
- Olfactory Systems
- Propagation
- Salmon Homing
- Salmon Taxonomy
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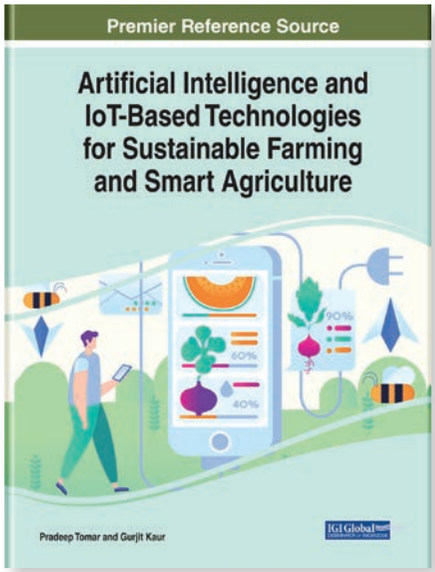

Description:

As technology continues to saturate modern society, agriculture has started to adopt digital computing and data-driven innovations. This emergence of "smart" farming has led to various advancements in the field, including autonomous equipment and the collection of climate, livestock, and plant data. As connectivity and data management continue to revolutionize the farming industry, empirical research is a necessity for understanding these technological developments.

Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture provides emerging research exploring the theoretical and practical aspects of critical technological solutions within the farming industry. Featuring coverage on a broad range of topics such as crop monitoring, precision livestock farming, and agronomic data processing, this book is ideally designed for farmers, agriculturalists, product managers, farm holders, manufacturers, equipment suppliers, industrialists, governmental professionals, researchers, academicians, and students seeking current research on technological applications within agriculture and farming.

Topics Covered:

- Agriculture Digitalization
- Agronomic Data Processing
- Autonomous Vehicles
- Computer Vision
- Crop Monitoring
- Data Acquisition
- Farming Automation
- Nitrate Sensing
- Plant Science
- Precision Livestock Farming

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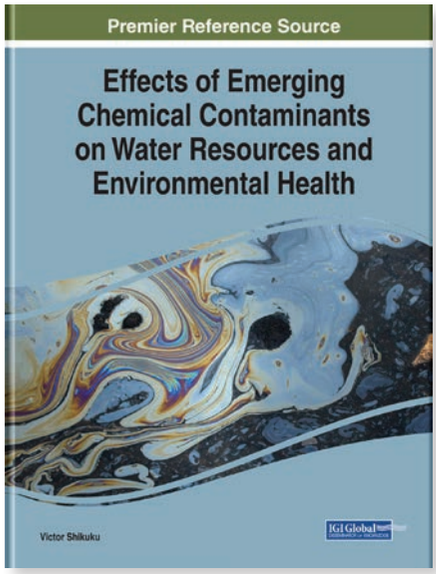

新型化学污染物对水资源和环境健康的影响

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Prof. Victor Shikuku (Kaimosi Friends University College, Kenya)

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Description:

A major issue that has remained prevalent in today's modern world has been the presence of chemicals within water sources that the public uses for drinking. The associated health risks that accompany these contaminants are unknown but have sparked serious concern and emotive arguments among the global community. Empirical research is a necessity to further understand these contaminants and the effects they have on the environment.

Effects of Emerging Chemical Contaminants on Water Resources and Environmental Health is a pivotal reference source that provides vital research on current issues regarding the occurrence, toxicology, and abatement of emerging contaminants in water sources. While highlighting topics such as remediation techniques, pollution minimization, and technological developments, this publication explores sample preparation and detection of these chemical contaminants as well as policy and legislative issues related to public health. This book is ideally designed for environmental engineers, biologists, health scientists, researchers, students, and professors seeking further research on the latest developments in the detection of water contaminants.

Topics Covered:

- Biological Effects
- Emerging Contaminants
- Historical Perspectives
- Pollution Minimization
- Public Policy
- Remediation Techniques
- Technological Developments
- Toxicology
- Wastewater Treatment
- Water Chemistry

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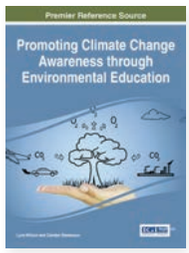

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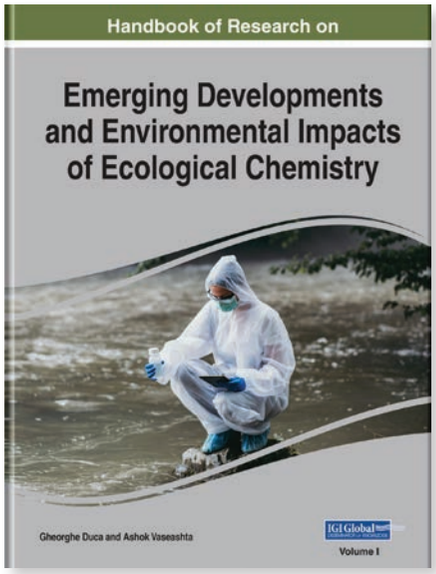
Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. Gheorghe Duca (Academy of Sciences of Moldova, Moldova) and Ashok Vaseashta (International Clean Water Institute, USA & New Jersey City University, USA & Academy of Sciences of Moldova, Moldova)



Description:

Pollution has been a developing problem for quite some time in the modern world, and it is no secret how these chemicals negatively affect the environment. With these contaminants penetrating the earth's water supply, affecting weather patterns, and threatening human health, it is critical to study the interaction between commercially produced chemicals and the overall ecosystem. Understanding the nature of these pollutants, the extent in which they are harmful to humans, and quantifying the total risks are a necessity in protecting the future of our world.

The **Handbook of Research on Emerging Developments and Environmental Impacts of Ecological Chemistry** is an essential reference source that discusses the process of chemical contributions and their behavior within the environment. Featuring research on topics such as organic pollution, biochemical technology, and food quality assurance, this book is ideally designed for environmental professionals, researchers, scientists, graduate students, academicians, and policymakers seeking coverage on the main concerns, approaches, and solutions of ecological chemistry in the environment.

ISBN: 9781799812418
Release Date: December, 2019
Copyright: 2020
Pages: 649

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Bioanalytical Ecotoxicity
- Biochemical Technology
- Chemical Contamination
- Food Quality Assurance
- Hydrocarbons
- Organic Pollution
- Radioactivity
- Risk Assessment
- Waste Management
- Water Quality

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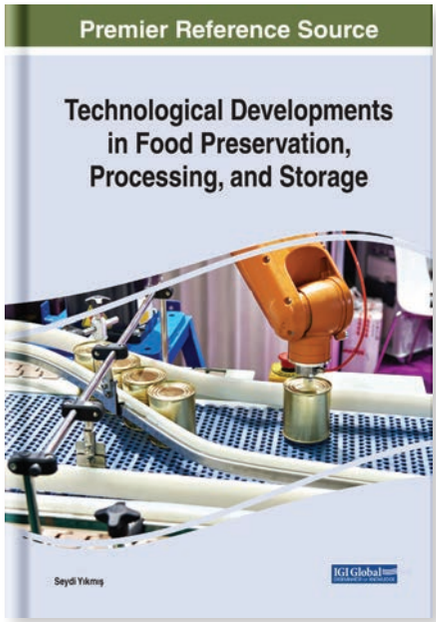

食品保存、加工和储藏技术的发展

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Prof. Seydi Yıkmış (Tekirdağ Namık Kemal Üniversitesi, Turkey)

ISBN: 9781799819240
Release Date: November, 2019
Copyright: 2020
Pages: 256

Pricing:

Hardcover: US $195.00
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Description:

In recent years, professionals have combined nutrition, health, and engineering sciences to develop new technologies within the food industry. As we are beginning to shift focus on how we view the health benefits of various food products, perseveration and processing techniques have become much more vital. New developments regarding how we store and preserve food are emerging rapidly, making it necessary for research to be done that studies the latest scientific improvements and contemporary methods of food processing.

Technological Developments in Food Preservation, Processing, and Storage is a collection of innovative research on the latest developments and advancements of preservation technologies and storage methods within the food processing industry. While highlighting topics including nutritional supplements, microfiltration, and thermal technology, this book is ideally designed for biologists, nutrition scientists, health professionals, engineers, government officials, policymakers, food service professionals, industry practitioners, researchers, academicians, and students.

Topics Covered:

- Dairy Products
- Electric Fields
- Fermented Products
- High-Pressure Application
- Magnetic Heating
- Meat Products
- Microfiltration
- Nutritional Supplements
- Packaging Techniques
- Thermal Technology
- Ultrasonic Waves

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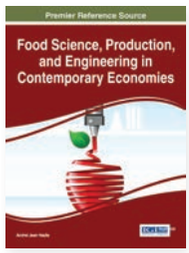

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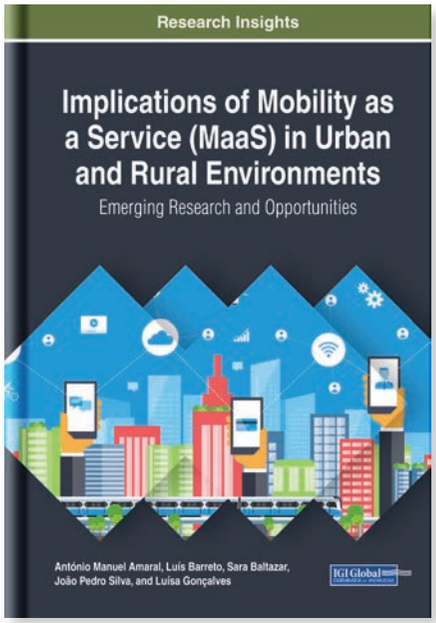
城市和农村环境中移动即服务（MaaS）的含义：新兴研究和机遇

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Prof. António Manuel Amaral (University of Minho, Portugal), et al.



Description:

With the recent advancements and implementations of technology within the global community, various regions of the world have begun to transform. The idea of smart transportation and mobility is a specific field that has been implemented among countless areas around the world that are focused on intelligent and efficient environments. Despite its strong influence and potential, sustainable mobility still faces multiple demographic and environmental challenges. New perspectives, improvements, and solutions are needed in order to successfully apply efficient and sustainable transportation within populated environments.

Implications of Mobility as a Service (MaaS) in Urban and Rural Environments: Emerging Research and Opportunities is a pivotal reference source that provides vital research on recent transportation improvements and the development of mobility systems in populated regions. While highlighting topics such as human-machine interaction, alternative vehicles, and sustainable development, this publication explores competitive solutions for transport efficiency as well as its impact on citizens' quality of life. This book is ideally designed for researchers, environmentalists, civil engineers, architects, policymakers, strategists, academicians, and students seeking current research on mobility advancements in urban and rural areas across the globe.

ISBN: 9781799816140
Release Date: November, 2019
Copyright: 2020
Pages: 293

Pricing:

Hardcover: US $150.00
Softcover: US $115.00
E-Book: US $150.00

Topics Covered:

- Demand Transportation Services
- Gamification System in Mobility
- Internet of Mobility (IoM)
- Internet of Mobility as a Service (IoMaaS)
- MaaS Ecosystems
- Mobility as a Service (MaaS)
- Public-Private-People Partnership
- Rural and Urban Mobility
- Smart Mobility and Transportation
- Sustainable Mobility

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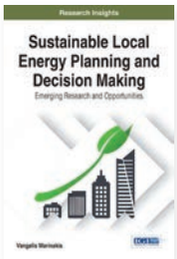
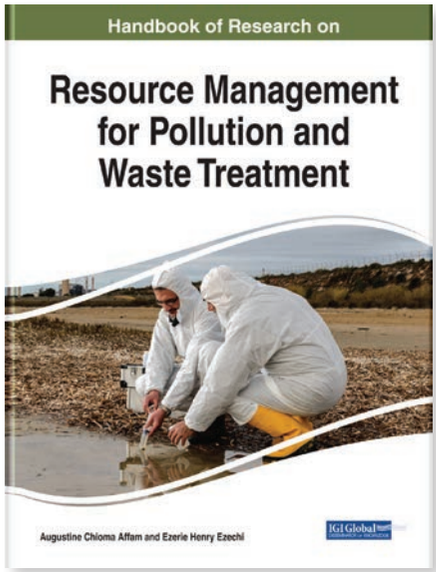


Sustainable Local Energy Planning and Decision Making: Emerging Research and Opportunities
© 2017; 171 pp.

Bioeconomical Solutions and Investments in Sustainable City Development
© 2019; 306 pp.



污染与废物处理的资源管理研究手册

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. Augustine Chioma Affam (University College of Technology Sarawak, Malaysia) and Ezerie Henry Ezechi (Universiti Teknologi Malaysia, Malaysia)

ISBN: 9781799803690
Release Date: October, 2019
Copyright: 2020
Pages: 795

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Description:

It is necessary to understand the extent of pollution in the environment in terms of the air, water, and soil in order for both humans and animals to live healthier lives. Poor waste treatment or pollution monitoring can lead to massive environmental issues, such as diminishing valuable resources, and cause a significant negative impact on society. Solutions, such as reuse of waste and sustainable waste management, must be explored to prevent these adverse effects.

The **Handbook of Research on Resource Management for Pollution and Waste Treatment** is a collection of innovative research that examines waste and pollution treatment methods that can be adopted at local and international levels and examines appropriate resource management strategies for environmentally related issues. Featuring coverage on a wide range of topics such as soil washing, bioremediation, and runoff handling, this book is ideally designed for environmentalists, engineers, waste management professionals, natural resource regulators, environmental policymakers, scientists, academicians, researchers, and students seeking current research on viable resource management methods for the regeneration of their immediate environment.

Topics Covered:

- Agricultural Materials
- Air Pollution
- Bioremediation
- Environmental Impact Assessment
- Food Waste
- Material Production
- Microplastics
- Runoff Handling
- Sludge
- Soil Washing
- Wastewater

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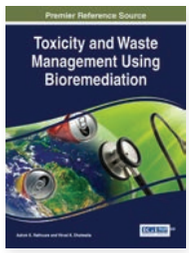
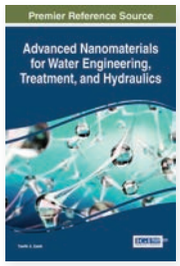


Toxicity and Waste Management Using Bioremediation
© 2016; 421 pp.



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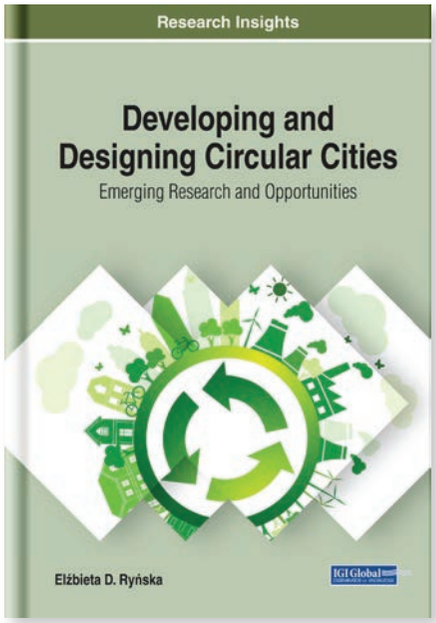
Prof. Elżbieta Ryńska (Warsaw University of Technology, Poland)



Description:

As the world continues to see an expansion of technological innovations, highly populated areas are starting to adopt sustainable solutions to become more energy efficient. The concept of circular cities is a new economic model that reconfigures products and services in such ways as to eliminate the issues of waste and harmful influences and uses alternative energy resources and materials. Many of these principles are currently being implemented in various regions' policies; however, research is still lacking on the implementation of circular economics in urban areas.

Developing and Designing Circular Cities: Emerging Research and Opportunities is a collection of innovative research on the methods, framework, and implementation of a circular economy within urbanized areas. This book analyzes the various disciplines of circularity within modern cities while also comparing past and future approaches to urban development. While highlighting topics including sustainable development, renewable energy systems, and urban planning, this book is ideally designed for architects, urban planners, contractors, investors, government officials, civil engineers, educators, academicians, researchers, and students.

Topics Covered:

- Circular Design
- Cultural Heritage
- Innovative Materials
- Modern Approaches
- Renewable Energy Systems
- Resilient Cities
- Social Effects
- Sustainable Development
- Urban Planning
- Urbanization History

ISBN: 9781799818861
Release Date: October, 2019
Copyright: 2020
Pages: 194

Pricing:

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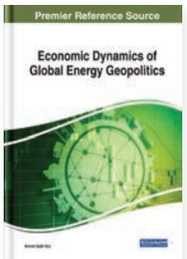
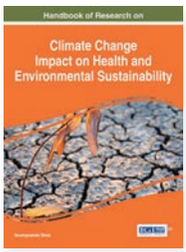


Economic Dynamics of Global Energy Geopolitics
© 2019; 305 pp.



Handbook of Research on Climate Change Impact on Health and Environmental Sustainability
© 2016; 711 pp.

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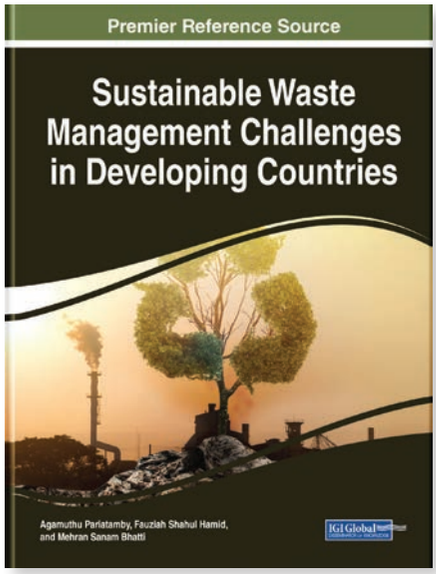

发展中国家的可持续废物管理挑战

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Profs. Agamuthu Pariatamby (Sunway University, Malaysia), Fauziah Shahul Hamid (University of Malaya, Malaysia), and Mehran Sanam Bhatti (University of Malaya, Malaysia)

ISBN: 9781799801986
Release Date: October, 2019
Copyright: 2020
Pages: 586

Pricing:

Hardcover: US $225.00
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E-Book: US $225.00

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Description:

As global waste generation increases at a rapid rate, there is a dire need for waste management practices such as collection, disposal, and recycling to protect from environmental pollution. However, developing countries generate two to three times more waste, resort to open dumps more often than developed countries, and are slower to integrate waste management standards. There is a need for studies that examine the waste generation and practices of countries that share similar economic backgrounds as they strive to implement successful waste management techniques.

Sustainable Waste Management Challenges in Developing Countries is an essential reference source that discusses the challenges and strategies of waste management practices and the unique waste issues faced by developing countries that prevent them from achieving the goal of integrated waste management. While highlighting topics including e-waste, transboundary movement, and consumption patterns, this book is ideally designed for policymakers, legislators, waste company managers, environmentalists, students, academicians, and municipal planners seeking current research on the global waste management problem.

Topics Covered:

- Biodegradation
- Civic Responsibility
- Consumption Patterns
- E-Waste
- Hazardous Waste
- Incineration
- Public Health
- Recycling
- Smart Waste Bin
- Transboundary Movement
- Waste Generation
- Waste to Energy

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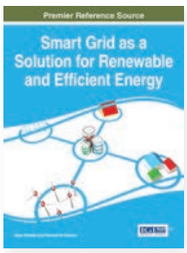

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Microbial Biotechnology in Environmental Monitoring and Cleanup
© 2018; 427 pp.

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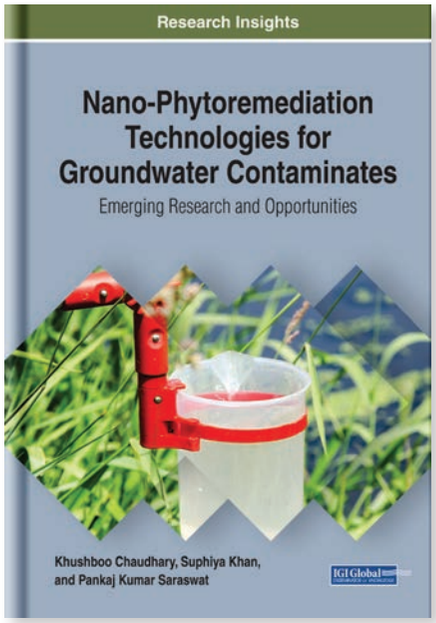

Description:

In the modern world, industries and factories are rising exponentially. This has led to the mass cultivation of non-biodegradable products, like heavy metals, that have polluted the environment and become a major threat to plant growth, crop yield, and human health. Conventional remediation technologies are expensive and may not remove contaminates effectively. Therefore, it is important to develop economically practical and more effective methods to decontaminate soils.

Nano-Phytoremediation Technologies for Groundwater Contaminates: Emerging Research and Opportunities is a collection of innovative research on the methods and applications of the use of plants for remediating metal-contaminated soil and water. While highlighting topics including molecular mechanisms, nutrient interference, and fluoride accumulation, this book is ideally designed for environmental scientists, environmental engineers, agriculturalists, farmers, policymakers, government officials, research scholars, professors, and students studying in the fields of environmental engineering, biotechnology, nano-technology, bioscience, and environmental science.

Topics Covered:

- Antioxidative Properties
- Biological Remediation
- Fluoride Accumulation
- Hormonal Signaling
- Hyperaccumulator Plants
- Metal Pollution
- Molecular Mechanisms
- Nutrient Interference
- Photosynthesis
- Reactive Oxygen Species

ISBN: 9781522590163
Release Date: October, 2019
Copyright: 2020
Pages: 198

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Handbook of Research on Waste Management Techniques for Sustainability
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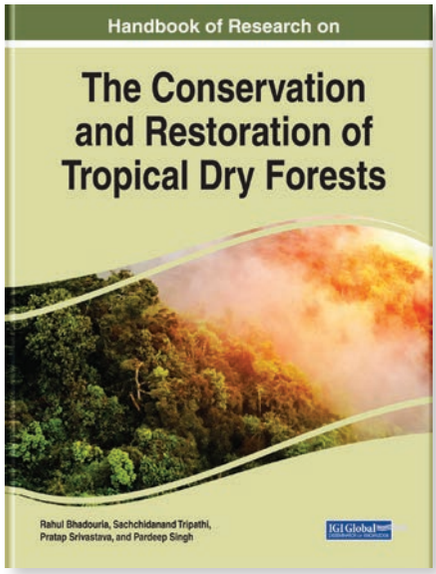

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Profs. Rahul Bhadouria (University of Delhi, India), Sachchidanand Tripathi (University of Delhi, India), Pratap Srivastava (University of Allahabad, India), and Pardeep Singh (University of Delhi, India)

Description:

Tropical dry forests are the most exploited and endangered ecosystems in the world. A combination of climatic and human factors often reduce these forests to patches of dry scrubs or savannas. Because these ecosystems experience a more arduous and less anticipated environment, they are more prone to environmental stress as plant communities are developed. Therefore, urgent research is necessary to understand both the detrimental issues and problem-solving approaches to conserving these important forests.

The **Handbook of Research on the Conservation and Restoration of Tropical Dry Forests** is a pivotal reference source that combines theory and practice on the current trends and issues in this important ecological subject and discusses future challenges towards conservation strategies of these tropical dry forests. While highlighting topics such as forest management, natural regeneration, and silviculture, this publication examines the anthropogenic impacts on tropical dry forests and the necessity to rebuild their ecosystems. This book is ideally designed for state forest agency professionals, resource managers, non-governmental organization agents, ecologists, botanists, environmentalists, students, and researchers seeking current research on the threats to these forests.

ISBN: 9781799800149
Release Date: September, 2019
Copyright: 2020
Pages: 465

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Altitudinal Gradients
- Anthropogenic Effects
- Biodiversity
- Climate Change
- Forest Fires
- Forest Management
- Natural Regeneration
- Plant Functions
- Seedling Ecology
- Silviculture

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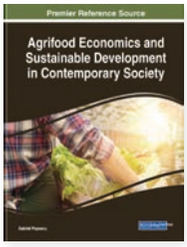

Agrifood Economics and Sustainable Development in Contemporary Society
© 2019; 401 pp.

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技术开发中的绿色材料运用与评估：新兴研究与机遇

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Profs. M.T. Mastura (Universiti Teknikal Malaysia Melaka, Malaysia) and S.M. Sapuan (Universiti Putra Malaysia, Malaysia)

Description:

Due to legal and consumer demands, eco-friendly resources that comply with environmental concerns while maintaining or improving performance are highly sought amongst manufacturers. Green materials are a specific material that are widely found in many product markets and are popular choices as alternative materials due to their recyclable, reusable, highly available, and corrosion-resistant features. These materials positively impact the environment through fewer emissions during the production process, positive carbon credits and energy recovery from incineration, and lower global warming effect. Extensive research is required to understand the full potential of these eco-friendly substances.

Implementation and Evaluation of Green Materials in Technology Development: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of environmentally friendly resources and applications within technology. Featuring coverage on a broad range of topics such as life cycle analysis, nanomaterials, and environment management, this book is ideally designed for manufacturers, engineers, product developers, industrial practitioners, policymakers, researchers, academicians, students, and business and marketing associates seeking current research on the advancements and applications of green materials in future technology.

Topics Covered:

- Eco-Friendly Materials
- Energy Management
- Environment Management
- Green Factory
- Green Manufacturing
- Green Product Design
- Life Cycle Analysis
- Nanomaterials
- Recyclables
- Sustainable Manufacturing

ISBN: 9781799813743
Release Date: September, 2019
Copyright: 2020
Pages: 174

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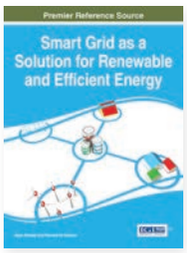

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可持续发展的创新废物管理技术

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Prof. Rouf Ahmad Bhat (Sri Pratap College, India), et al.

Description:

A rapidly growing population, industrialization, modernization, luxury life style, and overall urbanization are associated with the generation of enhanced wastes. The inadequate management of the ever-growing amount of waste has degraded the quality of the natural resources on a regional, state, and country basis, and consequently threatens public health as well as global environmental security. Therefore, there is an existent demand for the improvement of sustainable, efficient, and low-cost technologies to monitor and properly manage the huge quantities of waste and convert these wastes into energy sources.

Innovative Waste Management Technologies for Sustainable Development is an essential reference source that discusses management of different types of wastes and provides relevant theoretical frameworks about new waste management technologies for the control of air, water, and soil pollution. This publication also explores the innovative concept of waste-to-energy and its application in safeguarding the environment. Featuring research on topics such as pollution management, vermicomposting, and crude dumping, this book is ideally designed for environmentalists, policymakers, professionals, researchers, scientists, industrialists, and environmental agencies.

ISBN: 9781799800316
Release Date: August, 2019
Copyright: 2020
Pages: 373

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

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- InfoSci-Subject Databases
  InfoSci-Environmental, Agricultural, and Physical Sciences *(350+ e-books)*

Topics Covered:

- Agricultural Practices
- Biodegradable Waste
- Composting Techniques
- Crude Dumping
- E-Waste
- Food Waste
- Pollution Management
- Recycling
- Soil Environment
- Vermicomposting

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Global Perspectives on Air Pollution Prevention and Control System Design
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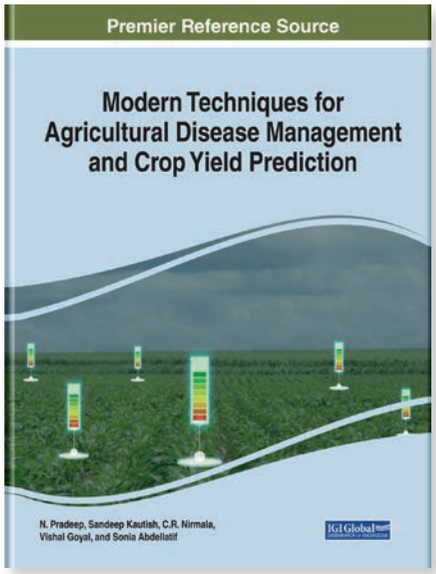
Part of the Advances in Environmental Engineering and Green Technologies Book Series

Prof. N. Pradeep (Bapuji Institute of Engineering and Technology, India), et al.



Description:

Since agriculture is one of the key parameters in assessing the gross domestic product (GDP) of any country, it has become crucial to transition from traditional agricultural practices to smart agriculture. New agricultural technologies provide numerous opportunities to maximize crop yield by recognizing and analyzing diseases and other natural variables that may affect it. Therefore, it is necessary to understand how computer-assisted technologies can best be utilized and adopted in the conversion to smart agriculture.

Modern Techniques for Agricultural Disease Management and Crop Yield Prediction is an essential publication that widens the spectrum of computational methods that can aid in agriculture disease management, weed detection, and crop yield prediction. Featuring coverage on a wide range of topics such as soil and crop sensors, swarm robotics, and weed detection, this book is ideally designed for environmentalists, farmers, botanists, agricultural engineers, computer engineers, scientists, researchers, practitioners, and students seeking current research on technology and techniques for agricultural diseases and predictive trends.

ISBN: 9781522596325
Release Date: August, 2019
Copyright: 2020
Pages: 291

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Agricultural Disease Management
- Agriculture Market Trends
- Climate-Smart Agriculture
- Crop Sensors
- Machine Learning
- Pattern Recognition
- Precision Agriculture
- Predictive Analytics
- Smart Agriculture
- Swarm Robotics
- Weed Detection

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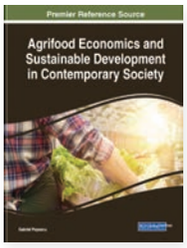
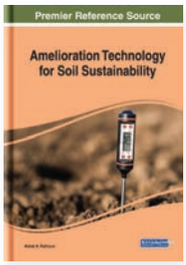


Agrifood Economics and Sustainable Development in Contemporary Society
© 2019; 401 pp.



Amelioration Technology for Soil Sustainability
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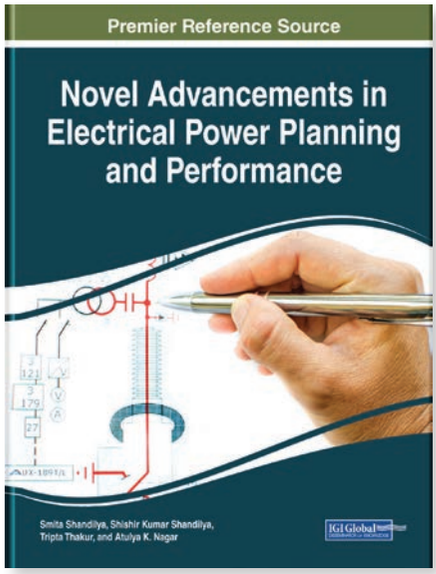

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ISBN: 9781522585510
Release Date: August, 2019
Copyright: 2020
Pages: 388

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Description:

As the demand for efficient energy sources continues to grow, electrical systems are becoming more essential to meet these increased needs. Electrical generation and transmission plans must remain cost-effective, reliable, and flexible for further future expansion. As these systems are being utilized more frequently, it becomes imperative to find ways of optimizing their overall function.

Novel Advancements in Electrical Power Planning and Performance is an essential reference source that provides vital research on the specific challenges, issues, strategies, and solutions that are associated with electrical transmission and distribution systems and features emergent methods and research in the systemic and strategic planning of energy usage. Featuring research on topics such as probabilistic modeling, voltage stability, and radial distribution, this book is ideally designed for electrical engineers, practitioners, power plant managers, investors, industry professionals, researchers, academicians, and students seeking coverage on the methods and profitability of electrical expansion planning.

Topics Covered:

- Anchor Mobility Control
- Fault Analysis
- Grey Wolf Optimization
- Moth-Flame Optimization
- Power Flow
- Probabilistic Modeling
- Radial Distribution
- Reactive Compensation
- Renewable Energy
- Voltage Stability

Related Books

Control and Treatment of Landfill Leachate for Sanitary Waste Disposal
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Handbook of Research on Waste Management Techniques for Sustainability
© 2016; 438 pp.

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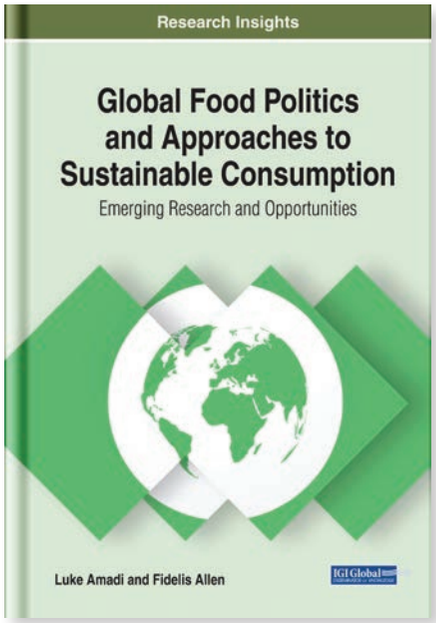
Profs. Luke Amadi (University of Port Harcourt, Nigeria) and Fidelis Allen (University of Port Harcourt, Nigeria)



Description:

Food production and consumption processes are largely governed via control mechanisms that affect food accessibility and environmental efficiency. Food resource marginalization, inequality, and deleterious consumption urgently require new governance and developmental systems that will provide food security and create consumption patterns that protect the natural environment and food resources.

Global Food Politics and Approaches to Sustainable Consumption: Emerging Research and Opportunities is an essential reference source that discusses the challenges and solutions of food security and consumption control. Food politics can be linked to persistent challenges of inequitable access, food resource inefficiency, and control and consumption, which form part of the local development realities that can address global sustainable development. While highlighting topics such as rural agriculture, capitalism, and food chain management, this publication is ideally designed for policymakers, sustainable developers, politicians, ecologists, environmentalists, corporate executives, farmers, and academicians seeking current research on the policies and modalities of food efficiency and equality.

ISBN: 9781799801252
Release Date: August, 2019
Copyright: 2020
Pages: 242

Pricing:

Hardcover: US $185.00
Softcover: US $140.00
E-Book: US $185.00

Topics Covered:

- Capitalism
- Climate Change
- Environmental Policy
- Food Chain Management
- Food Justice
- Food Processing
- Food Security
- Genetically Modified Seeds
- Green Consumerism
- Raw Materials
- Rural Agriculture

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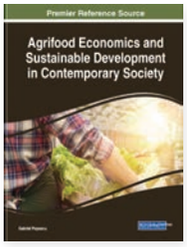

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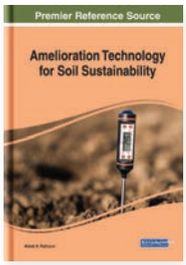

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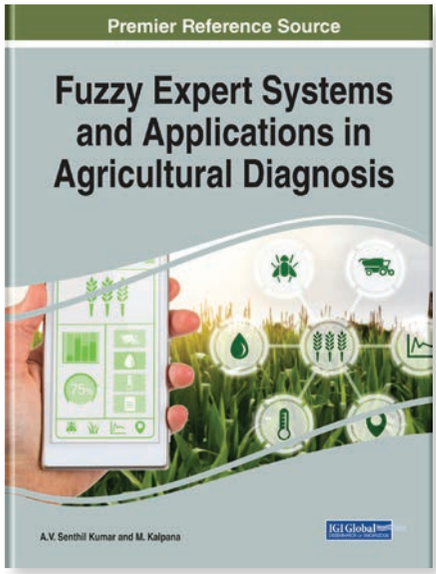

模糊专家系统及其在农业诊断中的运用

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Profs. A.V. Senthil Kumar (Hindusthan College of Arts and Science, India) and M. Kalpana (Tamil Nadu Agricultural University, India)

ISBN: 9781522591757
Release Date: July, 2019
Copyright: 2020
Pages: 335

Pricing:

Hardcover: US $245.00
Softcover: US $185.00
E-Book: US $245.00

Description:

Decision-making is a frequent problem in today's financial, business, and industrial world. Thus, fuzzy expert systems are increasingly being used to solve decision-making problems by attempting to solve a part or whole of a practical problem. These expert systems have proven that they can solve problems in various domains where human expertise is required, including the field of agriculture.

Fuzzy Expert Systems and Applications in Agricultural Diagnosis is a crucial source that examines the use of fuzzy expert systems for prediction and problem solving in the agricultural industry. Featuring research on topics such as nutrition management, sustainable agriculture, and defuzzification, this book is ideally designed for farmers, researchers, scientists, academics, students, policymakers, and development practitioners seeking the latest research in technological tools that support crop disease diagnosis.

Topics Covered:

- Crop Yield
- Defuzzification
- Economics
- Food Security
- Fuzzy Logic
- Knowledge-Based System
- Nutrition Management
- Risk Management
- Soil Analysis
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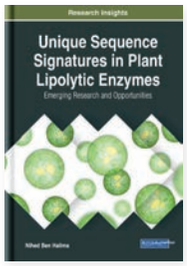

Unique Sequence Signatures in Plant Lipolytic Enzymes: Emerging Research and Opportunities
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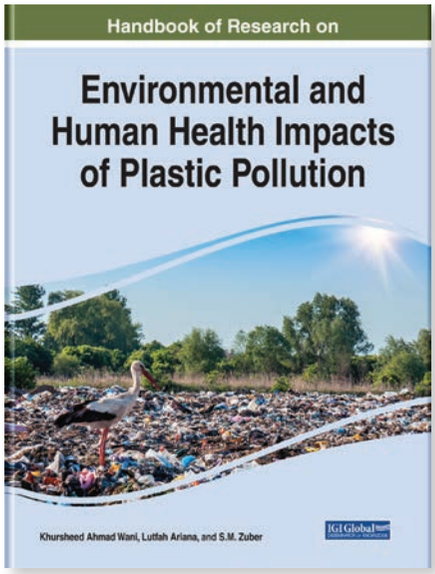

Description:

Due to the non-biodegradability of plastic substances, coupled with poor waste management practices, plastic pollution has become a major environmental issue within the past decade. However, the negative effects of plastic pollution are rarely opposed, or the solutions proposed are costly or still damaging to the environment. New strategies must be undertaken to prevent irreparable environmental damage from disposable plastic products while maintaining and maximizing the benefits of plastics in specialized cases, such as medicine and public health.

The **Handbook of Research on Environmental and Human Health Impacts of Plastic Pollution** is a collection of innovative research that assesses the negative impacts of plastic on the environment, human health, and ecosystems, and explores biotechnological approaches to solve plastic pollution. While highlighting topics including medical wastes, biodegradability, and phthalate exposure, this publication intends to provide readers with the latest solutions for reducing the burden of plastic on the environment. It is ideally designed for environmentalists, policymakers, instructors, researchers, graduate-level students, industrialists, and non-governmental organization professionals seeking current research on health and ecosystem concerns from the overconsumption of plastics.

ISBN: 9781522594529
Release Date: July, 2019
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Pages: 600

Pricing:

Hardcover: US $285.00
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Topics Covered:

- Absorbable Polymeric Sutures
- Ash Disposal
- Biodegradability
- Bisphenol A
- Dioxins and Furans
- Medical Wastes
- Phthalate Exposure
- Plastic Waste Management
- Plastics Recycling
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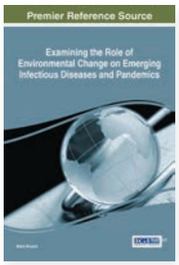

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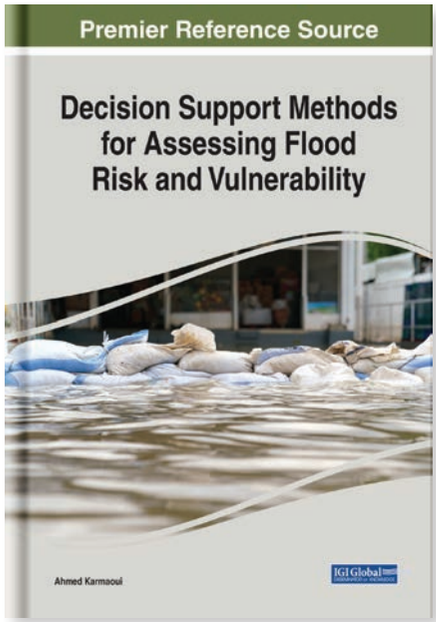

评估洪水风险与脆弱性的决策支持方法

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Prof. Ahmed Karmaoui (Southern Center for Culture and Sciences (SCCS), Morocco)

ISBN: 9781522597711
Release Date: July, 2019
Copyright: 2020
Pages: 332

Pricing:

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Description:

Each year, floods cause an enormous amount of global economic and social damage, impacting transportation systems, water supplies, agriculture, and health. Response management to catastrophic floods require increased measures involving integrated planning, adaptation, and recovery strategies in order to protect against human loss.

Decision Support Methods for Assessing Flood Risk and Vulnerability is a pivotal reference source that provides vital research on the application of effective models and tools focused on the diagnosis of vulnerability to flooding risks and evaluates and measures the impact of floods on socio-economic wellbeing. While highlighting topics such as hydrological events, soil erosion, and flood vulnerability, this publication explores methods of identifying appropriate adaptation strategies. This book is ideally designed for researchers, students, academicians, policymakers, government officials, and technology developers seeking current empirical research findings to be used to improve the overall understanding of the flood phenomenon.

Topics Covered:

- Climate Change
- Communication Strategies
- Disaster Management
- Ecosystem Management
- Flood Vulnerability
- Global Warming
- Hydrological Events
- Preparedness and Recovery
- Risk Assessment
- Satellite Imaging
- Soil Erosion

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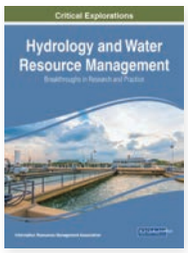
Technologies for the Treatment and Recovery of Nutrients from Industrial Wastewater
© 2017; 391 pp.



Hydrology and Water Resource Management: Breakthroughs in Research and Practice
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物联网与无线传感器网络在现代农业发展中的应用：新兴研究与机遇

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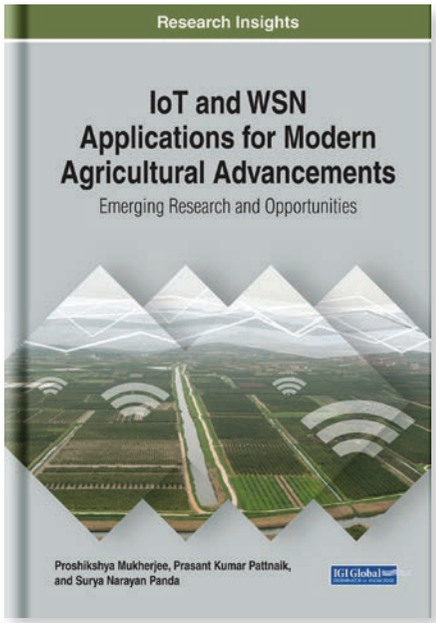

Description:

Currently, the demand by consumption of agricultural products may be predicted quantitatively; moreover, the variation of harvest and production by the change of a farm's cultivated area, weather change, disease, insect damage, etc. is a challenge that has led to improper control of the supply and demand of agricultural products. Advancements in IoT and wireless sensor networks in precision agriculture and the cloud computing technology needed to deploy them can be used to address and solve these issues.

IoT and WSN Applications for Modern Agricultural Advancements: Emerging Research and Opportunities is an essential research book that focuses on the development of effective data-computing operations on agricultural advancements that are fully supported by IoT, cloud computing, and wireless sensor network systems and explores prospective applications of computing, analytics, and networking in various interdisciplinary domains of engineering. Featuring a range of topics such as power monitoring, healthcare, and GIS, this book is ideal for IT practitioners, farmers, network analysts, researchers, professionals, academicians, industry experts, and students.

ISBN: 9781522590040
Release Date: July, 2019
Copyright: 2020
Pages: 145

Pricing:

Hardcover: US $175.00
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E-Book: US $175.00

Topics Covered:

- Agriculture Systems
- Antithetic Sampling Method
- Automated Systems
- Energy-Efficient Routing
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- IoT
- Power Monitoring
- Sink Mobility
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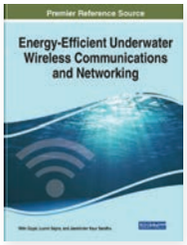

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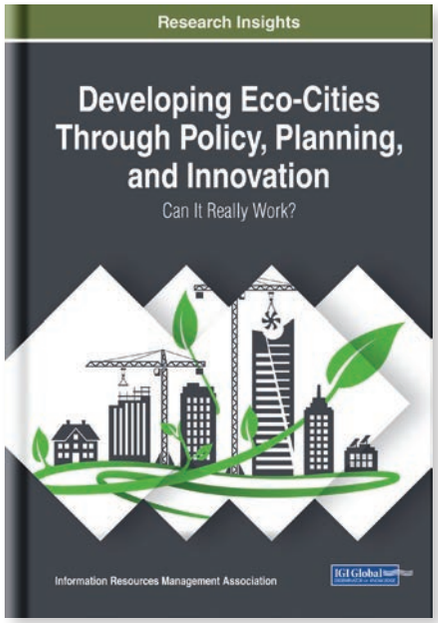

通过政策、规划与创新发展生态城市：真的奏效吗？

Mehdi Khosrow-Pour, D.B.A.

ISBN: 9781799804413
Release Date: July, 2019
Copyright: 2020
Pages: 374

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Description:

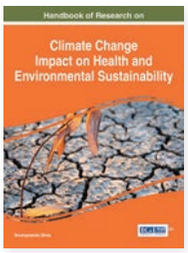
The worldwide consumption of resources is causing environmental damage at a rate that cannot be sustained. Apart from the resulting environmental and health problems, this trend could threaten economic growth due to rapidly decreasing natural resources and costly solutions. The public sector has a responsibility to stimulate the marketplace in favor of the provision of more resource-efficient and less polluting goods, services, and works in order to support environmental and wider sustainable development objectives.

Developing Eco-Cities Through Policy, Planning, and Innovation: Can It Really Work? examines the economic, political, social, and environmental objectives essential to the planning and support of future communities. Highlighting a range of topics such as environmental sustainability, waste management, and green cities, this publication is an ideal reference source for environmental engineers, environmentalists, city development planners, urban planners, technology developers, policymakers, industrialists, academicians, and researchers interested in solving environmental issues.

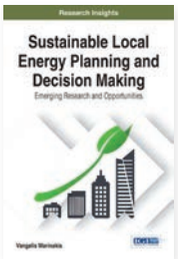
Topics Covered:

- Environmental Legislation
- Environmental Policy
- Environmental Pollution
- Environmental Regulation
- Environmental Sustainability
- Green Cities
- Sustainable Land Use
- Sustainable Urban Development
- Sustainable Water Treatment Systems
- Waste Management

Related Books



Handbook of Research on Climate Change Impact on Health and Environmental Sustainability
© 2016; 711 pp.



Sustainable Local Energy Planning and Decision Making: Emerging Research and Opportunities
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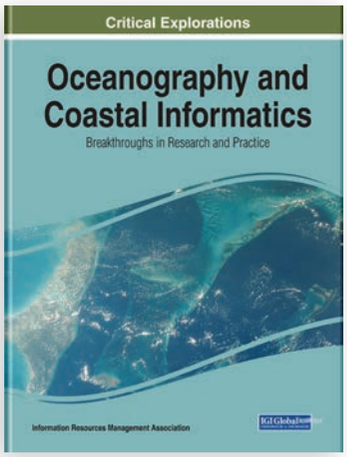
Research Anthology on

Oceanography and Coastal Informatics: Breakthroughs in Research and Practice



To date, a vast amount of the world's oceans remains uncharted. With water covering more than 70 percent of the Earth's surface, maritime and oceanographic exploration and research is vital.

Research Anthology on Oceanography and Coastal Informatics: Breakthroughs in Research and Practice is a critical source of academic knowledge centered on technologies, methodologies, and practices related to the biological and physical aspects of the ocean and coastal environments. This publication is divided into four sections: climate change and environmental concerns; data analysis and management; fisheries management and ecology; and GIS, geospatial analysis, and localization. This publication is an ideal reference source for oceanographers, marine and maritime professionals, researchers, and scholars interested in current research on various aspects of oceanography and coastal informatics.

ISBN: 978-1-5225-7308-1
EISBN: 978-1-5225-7309-8
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Topics Covered:

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- Coastal Management
- Fishing Zone Forecast
- Floodplain Infastructire
- Geospatial Analysis
- Marine Renewable Energy
- Marine Science and Ecology
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- Ocean Data
- Ocean Forecast Model
- Ocean Model System
- Seaweed Cultivation
- Social-Ecological Systems
- Sustainable Development
- Toxic Tide

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Chapter 10: SeaDataNet: Towards a Pan-European Infrastructure for Marine and Ocean Data Management Prof. Dick Schaap, Marine Information Service (MARIS), The Netherlands	**Chapter 13: Social-Ecological Systems in Local Fisheries Communities** Prof. George O. Tsobanoglou, University of the Aegean, Greece Prof. Eirini Ioanna Vlachopoulou, University of the Aegean, Mytilene, Greece
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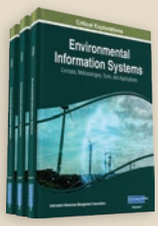
Research Anthology on Climate Change and Environmental Concerns: Breakthroughs in Research and Practice (2 Volumes)

ISBN: 9781522596219
EISBN: 9781522596226
© 2020; 1,734 pp.

Research Anthology on Environmental and Agricultural Informatics: Concepts, Methodologies, Tools, and Applications (3 Volumes)



ISBN: 9781522570332
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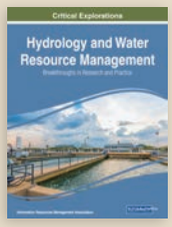

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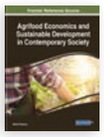

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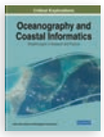

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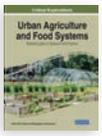

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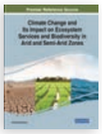

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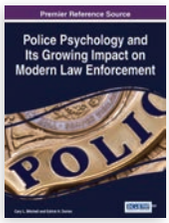

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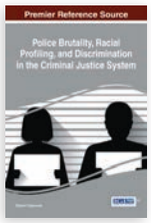

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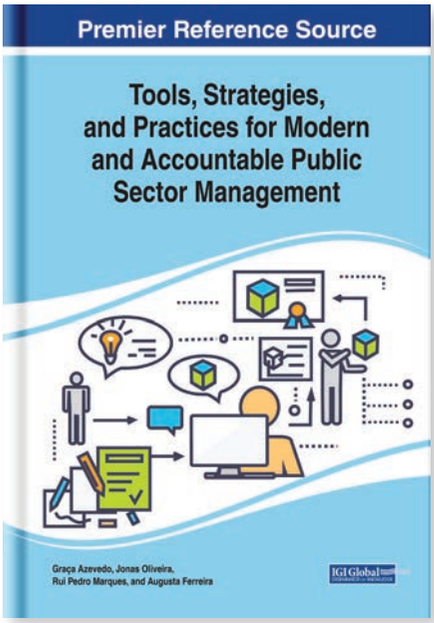

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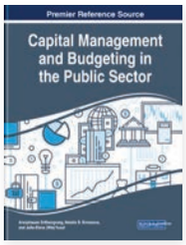

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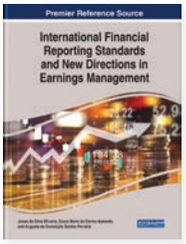

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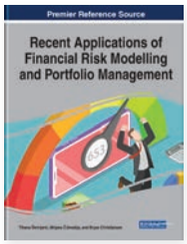

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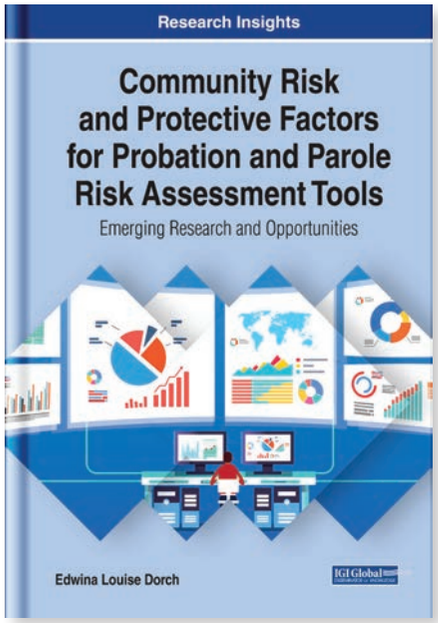

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Copyright: 2020
Pages: 192

Pricing:

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Topics Covered:

- Adult Education
- Affordable Housing
- Community Risk
- Competency-Based Learning
- Criminal Justice
- Policy Reform
- Recidivism
- Risk Assessment
- Substance Use Treatment
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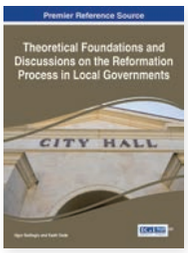

Theoretical Foundations and Discussions on the Reformation Process in Local Governments
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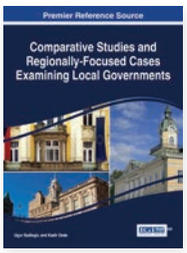

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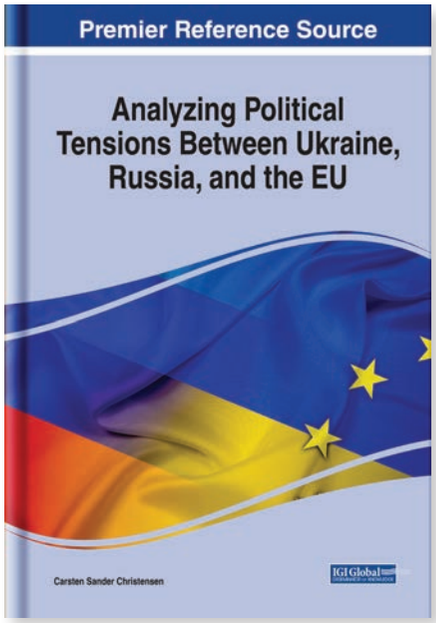
Prof. Carsten Sander Christensen (Billund Kommunes Museer (Billund Municipal Museums), Denmark)



Description:

One of the world's most prevalent political quarrels is the current geographical state of Ukraine, along with its relationships with Russia and the European Union. With the annexation of Crimea, Russian forces have gained control over most of Eastern Ukraine, igniting a clash between the two governments and triggering the European Union, United States, and several Post-Soviet states to involve themselves in the situation. As these engagements continue to unfold, significant research is needed to examine the current state of these administrations and the tensions that continue to intensify in this region of the world.

Analyzing Political Tensions Between Ukraine, Russia, and the EU is a collection of innovative research on the recent developments inside this growing geopolitical conflict. While highlighting topics including neighborhood policy, NATO relations, and Eastern partnership, this book is ideally designed for politicians, policymakers, governmental strategists, researchers, educators, journalists, academicians, and students seeking further understanding of foreign relations and the current political struggles of these European territories.

Topics Covered:

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- Euronest Parliamentary Assembly
- European Integration
- European Union Enlargement
- Foreign Policy
- NATO Relations
- Neighborhood Policy
- Post-Soviet States
- Russian-Ukrainian Relations
- Vladimir Putin

ISBN: 9781799829065
Release Date: February, 2020
Copyright: 2020
Pages: 361

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政府与法律

运用新媒体促进公民参与

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Prof. Marco Adria (University of Alberta, Canada)

Description:

Recent technological advancements have made it possible to use moderated discussion threads on social media to provide citizens with a means of discussion concerning issues that involve them. With the renewed interest in devising new methods for public involvement, the use of such communication tools has caused some concern on how to properly apply them for strategic purposes.

Using New Media for Citizen Engagement and Participation provides emerging research exploring the theoretical and practical aspects of how social media should be added to public-involvement activities such as citizen juries, public deliberation, and citizen panels. Readers will be offered insights into the critical design considerations for planning, carrying out, and assessing public-involvement initiatives. Featuring coverage on a broad range of topics such as citizen journalism, online activism, and public discourse, this book is ideally designed for corporate professionals, broadcasters, news writers, column editors, politicians, policy managers, government administrators, academicians, researchers, practitioners, and students in the fields of political science, communications, sociology, mass media and broadcasting, public administration, and community-service learning.

ISBN: 9781799818281
Release Date: December, 2019
Copyright: 2020
Pages: 347

Pricing:

Hardcover: US $210.00
Softcover: US $160.00
E-Book: US $210.00

Topics Covered:

- Campaign Learning
- Citizen Journalism
- Digital Communications
- Digital Media
- Mainstream Media
- Mass Communications
- Online Activism
- Policy Entrepreneurship
- Political Discourse
- Public Discourse

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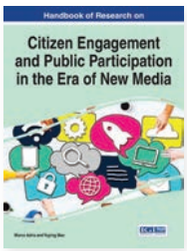
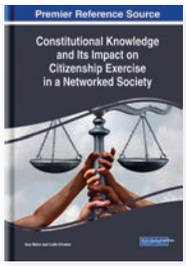


Handbook of Research on Citizen Engagement and Public Participation in the Era of New Media
© 2017; 503 pp.



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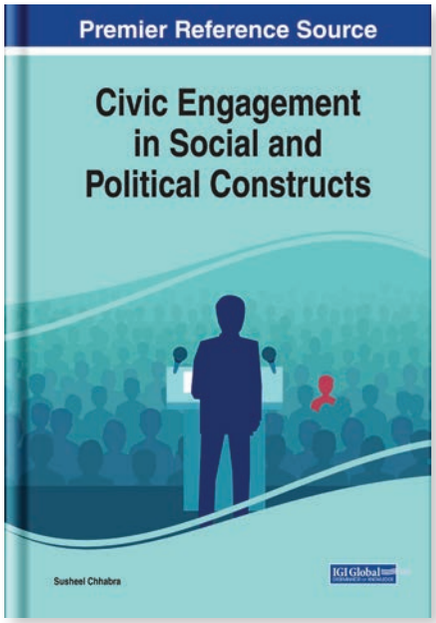

Description:

Though governments play an important role in everyday life, citizen commitment to understanding government policy and procedures is lacking. Without creating an environment that properly holds governments accountable for their actions, the rights and liberties of citizens become threatened.

Civic Engagement in Social and Political Constructs is an essential reference source that discusses global civic engagement practices as well as social change through political means. Featuring research on topics such as citizen participation, political engagement, and political reform, this book is ideally designed for political scientists, politicians, sociologists, researchers, government officials, and students seeking coverage on individual and societal engagement through civic means.

Topics Covered:

- Citizen Participation
- Civic Society
- Peacekeeping
- Political Engagement
- Political Reform
- Political System
- Public Policy
- Social Change
- Sociopolitical Pressures
- Traditional Leadership

ISBN: 9781799823643
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Pages: 285

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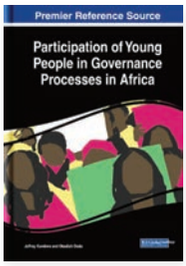

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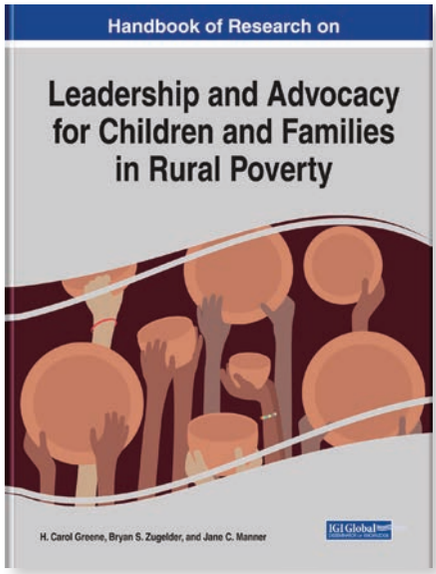

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Profs. H. Carol Greene (East Carolina University, USA), Bryan S. Zugelder (James Madison University, USA), and Jane C. Manner (East Carolina University, USA)

ISBN: 9781799827870
Release Date: March, 2020
Copyright: 2020
Pages: 525

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Description:

Rural poverty encompasses a distinctive deprivation in quality of life related to a lack of educational support and resources as well as unique issues related to geographical, cultural, community, and social isolation. While there have been many studies and accommodations made for the impoverished in urban environments, those impoverished in rural settings have been largely overlooked and passed over by current policy.

The **Handbook of Research on Leadership and Advocacy for Children and Families in Rural Poverty** is an essential scholarly publication that creates awareness and promotes action for the advocacy of children and families in rural poverty and recommends interdisciplinary approaches to support the cognitive, social, and emotional needs of children and families in poverty. Featuring a wide range of topics such as mental health, foster care, and public policy, this book is ideal for academicians, counselors, social workers, mental health professionals, early childhood specialists, school psychologists, administrators, policymakers, researchers, and students.

Topics Covered:

- Chronic Poverty
- Cultural Traditions
- Foster Care
- Geography
- Leadership
- Mental Health
- Politics
- Public Policy
- Social Capital
- Social Work
- University-School Partnerships

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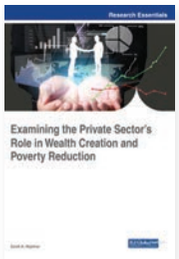

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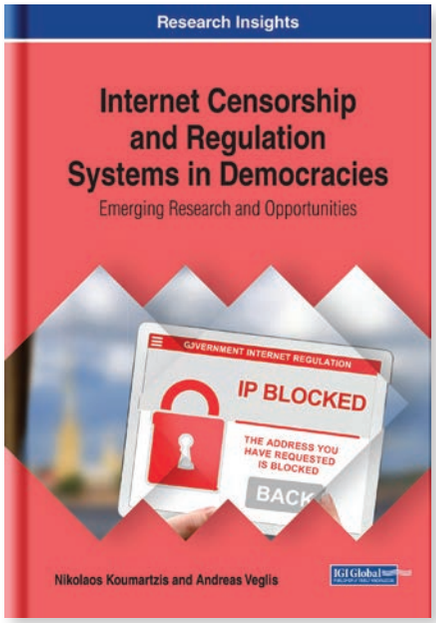

Description:

As the internet has been regulated from its conception, many widespread beliefs regarding internet freedom are actually misconceptions. Additionally, there are already two main categories of internet regulation systems in use: the open and the silent IRSs. Unexpectedly, the former are quite popular among authoritarian regimes, while the latter are implemented mainly in Western democracies. Many IT experts and media analysts criticize Western governments' choice to use a silent IRS, expressing their fear that this could set a dangerous precedent for the rest of the democratic countries around the world. New regulation systems must be developed and implemented that are more acceptable to the general public.

Internet Censorship and Regulation Systems in Democracies: Emerging Research and Opportunities is an essential reference source that discusses the phenomenon of internet regulation in general and the use of internet regulation systems (IRSs) by authoritarian regimes and Western democracies and proposes a blueprint for the development and implementation of a fair internet regulation system (FIRS). using original research conducted in seven countries from 2008 to 2017. The book also considers the function of a fair internet regulation system in terms of maximizing its effectiveness, keeping the implementation cost low, and increasing the probability of acceptance by each country's general public. Featuring research on topics such as governmental control, online filtering, and public opinion, this book is ideally designed for researchers, policymakers, government officials, practitioners, academicians, and students seeking coverage on modern internet censorship policies within various international democracies.

ISBN: 9781522599739
Release Date: May, 2020
Copyright: 2020
Pages: 272

Pricing:

Hardcover: US $185.00
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E-Book: US $185.00

Topics Covered:

- Comparative Models
- Ethical Issues
- Governmental Control
- International Surveys
- Internet User Analysis
- Online Filtering
- Public Opinion
- Regulation Policies
- Statistical Analysis
- System Design

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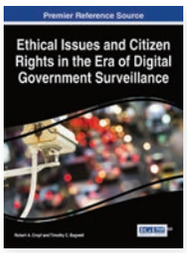

Ethical Issues and Citizen Rights in the Era of Digital Government Surveillance
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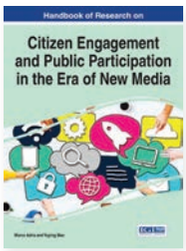

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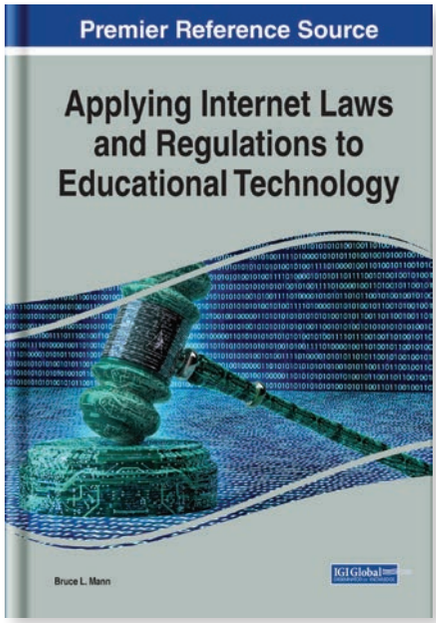

网络法规在教育技术中的运用

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Prof. Bruce L. Mann (Memorial University, Canada)

Description:

In today's modernized society, the use of technology continues to expand rapidly. It has specifically been implemented heavily in educational environments with educators adopting new methods of learning using software technology. Despite its numerous advantages, dependence on technology creates various risks such as digital misconduct, security breaches, and other criminal activities. Administrators and teachers are in need of research on the current laws and regulations that are being developed and implemented in order to protect educational technologies.

Applying Internet Laws and Regulations to Educational Technology is a pivotal reference source that provides vital research on the application of lawful protection practices within educational technology. While highlighting topics such as digital forensics, cyber-victimization, and lawful surveillance, this publication explores real-world cases as well as the varying regulations in comparative jurisdictions. This book is ideally designed for researchers, administrators, practitioners, policymakers, librarians, students, and educators seeking current research on advancements of technology law in educational settings.

ISBN: 9781799845553
Release Date: April, 2020
Copyright: 2020
Pages: 232

Pricing:

Hardcover: US $185.00
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E-Book: US $185.00

Topics Covered:

- Copyfraud
- Cyber-Victimization
- Cybersquatting
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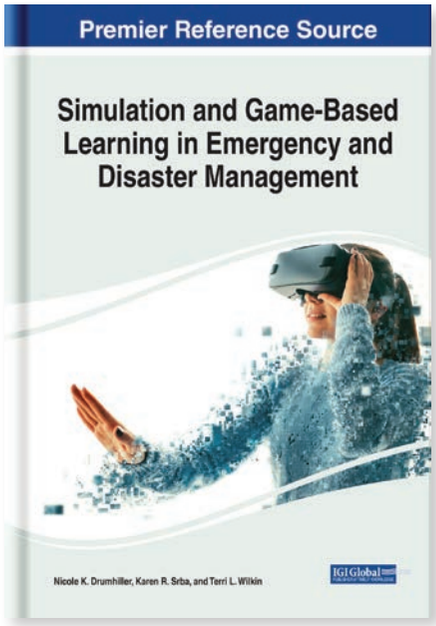

Description:

Simulation and game-based learning are essential applications in a learning environment as they provide learners an opportunity to apply the course material in real-life scenarios. Introducing real-life learning allows the learner to make critical decisions at different points within the simulation providing constructive education that leads to a cognitive understanding of the material. The use of simulations provides the learner with the ability to cognitively store and recall learning in real-life experiences. Therefore, it is crucial to not only provide course material but to have students apply what they have learned in simulations that replicate real-life scenarios. These learned skills are essential for students to be marketable and thrive in a career field where decision making, problem solving, and critical thinking are job requirements.

Simulation and Game-Based Learning in Emergency and Disaster Management is a cutting-edge research book that examines the best practices and holistic development when it comes to simulation learning within emergency and disaster management as well as global security. Drawing upon the neuroscience of learning, classroom instruction can be enhanced to incorporate active-experiential learning activities that positively impact a learner with long-term information retention. Each simulation project is carried out in different environments, with different goals in mind, and developed under various constraints. For these reasons, this book will provide insight into the simulation planning and development process, provide examples of online simulations and game-based learning activities, and provide insight on simulation development and implementation that can be used across disciplines in educational and training settings.

Topics Covered:

- Active Learning
- Brain Learning Theory
- Curriculum Mapping
- Emergency Management
- Game-Based Learning
- Gamification
- Healthcare
- Instructional Design
- Neuroscience
- Project Management

ISBN: 9781799840879
Release Date: August, 2020
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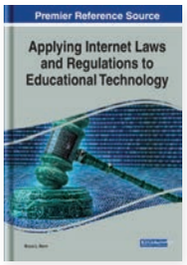

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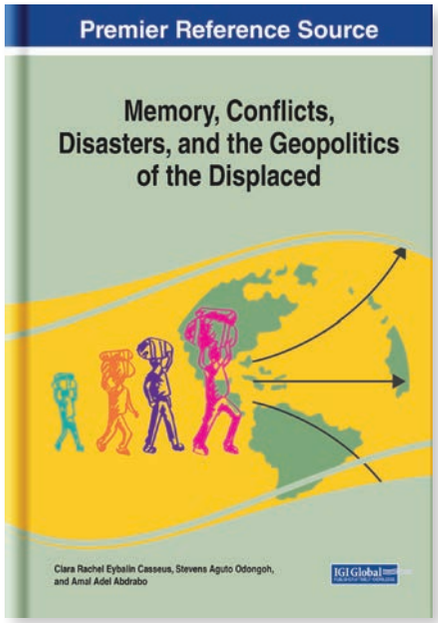

ISBN: 9781799844389
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Pages: 203

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Description:

Transnational migration studies tend to conceptualize a clear spatial distinction between refugee camps and their surroundings as “spaces of the displaced” and “spaces of the citizen” respectively. However, the geography of memory, when seen through the prism of a space-state-citizenship relationship, is much more complicated and difficult to disentangle. Only when examining cultural preservation of memories of displacement can we shed light on these complex connections.

Memory, Conflicts, Disasters, and the Geopolitics of the Displaced is a collection of innovative research that examines the preservation of socio-cultural memory in the wake of disaster and violence. Featuring coverage of a broad range of topics including conscription, refugee culture, and climate change, this book is ideally designed for human rights workers, activists, historians, policymakers, government officials, researchers, academicians, and students in the fields of sociology, anthropology, geography, politics, and urban planning.

Topics Covered:

- Citizenship
- Climate Change
- Collective Memory
- Conscription
- Cultural Reshaping
- Decolonization
- Mobility Patterns
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- Refugee Culture
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- Social Connection
- Transnational Migration
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© 2020; 2,581 pp.

Politics, Protest, and Empowerment in Digital Spaces
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网络激进主义与政治参与的最新发展

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Prof. Yasmin Ibrahim (Queen Mary University of London, UK)

Description:

International politics is witnessing a rapid transformation due to the emerging impact of the internet and digital media. Activists in various countries have been given a new medium to voice their views and opinions, resulting in governments adapting to the digital environment in which we currently live. As the role of social media and online communities continue to grow, empirical research is needed on their specific impact on governmental policies and reform.

The **Handbook of Research on Recent Developments in Internet Activism and Political Participation** is an essential reference source that explores the modern role that digital media plays within community engagement and political development. This book discusses real-world case studies in various regions of the world on how the internet is affecting government agendas and promoting the voice of the community. Featuring research on topics such as digital ecosystems, information technology, and foreign policy, this book is ideally designed for researchers, strategists, government officials, policymakers, sociologists, administrators, scholars, educators, and students seeking coverage on the societal impact of social media in modern global politics.

Topics Covered:

- Campaigns
- Digital Ecosystems
- E-Politics
- Environmental Impacts
- Foreign Policy
- Information Technology
- International Elections
- Journalism
- Legislation
- Social Media

ISBN: 9781799847960
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Copyright: 2020
Pages: 368

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

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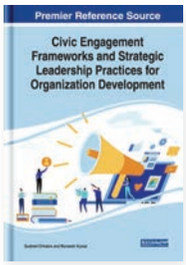

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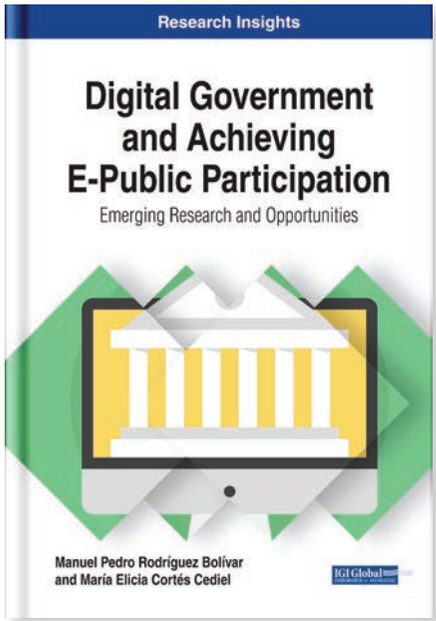

ISBN: 9781799815266
Release Date: June, 2020
Copyright: 2020
Pages: 258

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Profs. Manuel Pedro Rodríguez Bolívar (University of Granada, Spain) and María Elicia Cortés Cediel (Universidad Complutense de Madrid, Spain)

Description:

The development of social technologies has brought about a new era of political planning and government interactions. In addition to reducing costs in city resource management, ICT and social media can be used in emergency situations as a mechanism for citizen engagement, to facilitate public administration communication, etc. In spite of all these advantages, the application of technologies by governments and the public sector has also fostered debate in terms of cyber security due to the vulnerabilities and risks that can befall different stakeholders. It is necessary to review the most recent research about the implementation of ICTs in the public sector with the aim of understanding both the strengths and the vulnerabilities that the management models can entail.

Digital Government and Achieving E-Public Participation: Emerging Research and Opportunities is a collection of innovative research on the methods and applications of ICT implementation in the public sector that seeks to allow readers to understand how ICTs have forced public administrations to undertake reforms to both their workflow and their means of interacting with citizens. While highlighting topics including e-government, emergency communications, and urban planning, this book is ideally designed for government officials, public administrators, public managers, policy holders, policymakers, public consultants, professionals, academicians, students, and researchers seeking current research on the digital communication channels between elected officials and the citizens they represent.

Topics Covered:

- Artificial Intelligence
- Citizen Engagement
- Digital Communications
- E-Government
- Emergency Communications
- Information Society
- Local Governments
- Social Media
- State Governments
- Urban Planning

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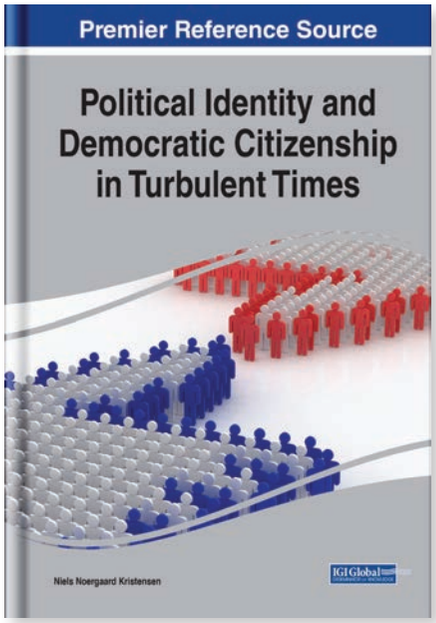

Description:

Turbulent times challenge democratic politics and governance in Western countries. Party systems, in many instances, have failed to produce solutions to vital policy problems, like immigration, state borders, welfare, or environmental issues. While subjective perceptions of macroeconomic outcomes are consistently related to political trust at the micro level, few studies have explored how individuals develop political engagement and identity. New insights are needed from studies focusing on how people become politically active and how political identities develop.

Political Identity and Democratic Citizenship in Turbulent Times is a critical scholarly research publication that investigates, discusses, deconstructs, analyzes, and tests the concept of political identity and its evolving role in modern democracy. Moreover, it explores the contours of politics and brings together studies that examine the democratic potential of a diversity of participatory spheres, institutions, and arenas. Highlighting topics such as political culture, consumerism, and welfare states, this book is ideal for politicians, policymakers, government officials, sociologists, historians, academicians, professionals, researchers, and students.

Topics Covered:

- #MeToo
- Citizenship
- Consumerism
- Deconsolidation
- Democracy
- Political Culture
- Political Identity
- Post-Truth
- Resistance
- Social Movements
- Welfare States

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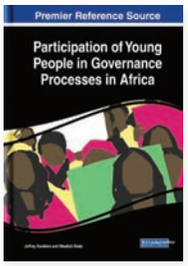

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Prof. Mika Merviö (Kibi International University, Okayama, Japan)

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Description:

Despite the development of environmental initiatives, healthcare, and cultural assimilation in today's global market, significant problems in these areas remain throughout various regions of the world. As countries continue to transition into the modern age, areas across Asia and Africa have begun implementing modern solutions in order to benefit their individual societies and keep pace with the surrounding world. Significant research is needed in order to understand current issues that persist across the globe and what is being done to solve them.

Global Issues and Innovative Solutions in Healthcare, Culture, and the Environment is an essential reference source that discusses worldwide conflicts within healthcare and environmental development as well as modern resolutions that are being implemented. Featuring research on topics such as health insurance reform, sanitation development, and cultural freedom, this book is ideally designed for researchers, policymakers, physicians, government officials, sociologists, environmentalists, anthropologists, academicians, practitioners, and students seeking coverage on global societal challenges in the modern age.

Topics Covered:

- Child Care
- Cultural Freedom
- Environmental Policies
- Food Safety
- Green Alternatives
- Health Insurance Reform
- Medicaid Expansion
- Sanitation Development
- Sustainability
- Women's Rights

Related Books

Public Health and Welfare: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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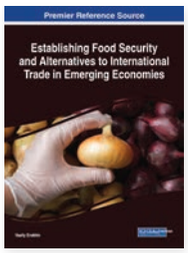

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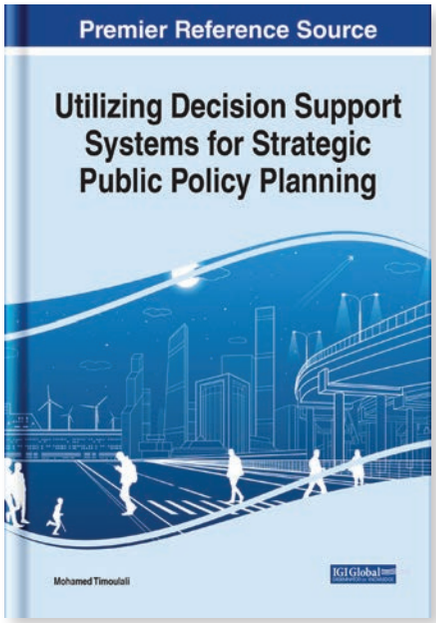

Description:

Advances in GIS technologies have provided a more robust framework for planners and designers. These frameworks offer greater control and monitoring, which can lead to greater accuracy in policymaking and urban planning.

Utilizing Decision Support Systems for Strategic Public Policy Planning is an essential research publication that provides comprehensive research on the possibilities of GIS technology for spatial analysis and visualization. Featuring a wide range of topics such as open data, architecture, and regional development, this book is ideal for design professionals, academicians, policymakers, researchers, professionals, and students.

Topics Covered:

- Architecture
- E-Government
- Geospatial Research
- ICT Measurement
- Information Management
- Land Governance
- Open Data
- Project Management
- Regional Development
- Security

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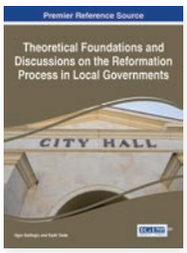

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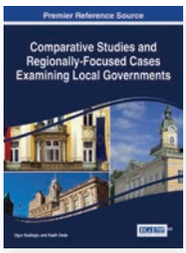

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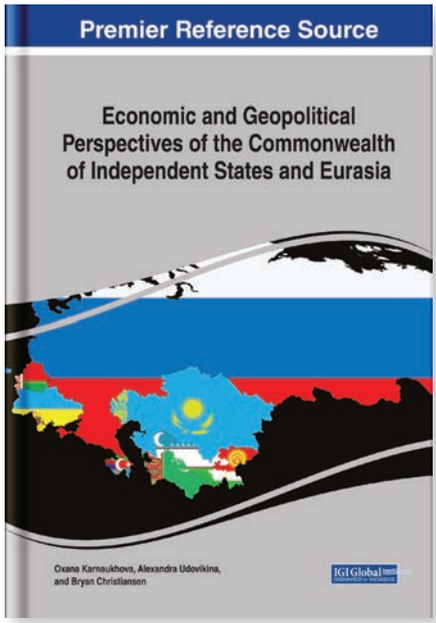

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Profs. Oxana Karnaukhova (Southern Federal University, Russia), Alexandra Udovikina (Independent Researcher, Russia), and Bryan Christiansen (PryMarke LLC, USA)

Description:

The Commonwealth of Independent States (CIS) is a regional organization that formed during the breakup of the Soviet Union in 1991. It has few supranational powers, but aims to be more than a purely symbolic organization, nominally possessing coordinating powers in the realm of trade, finance, lawmaking, and security. As such, it is vital to examine this region and its economic and geopolitical impacts on the world.

Economic and Geopolitical Perspectives of the Commonwealth of Independent States and Eurasia is a vital research publication that explores the importance and influence of the Commonwealth of Independent States and Eurasia in the twenty-first century. Highlighting a wide range of topics such as sovereign democracy, economic integration, and foreign policy, this book is geared toward business managers, economists, business professionals, entrepreneurs, business analysts, and researchers seeking current research on the effects of political organizations like the CIS on various regions.

Topics Covered:

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- Higher Education
- Infrastructural Reform
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- Sovereign Democracy

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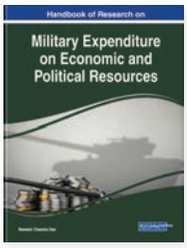

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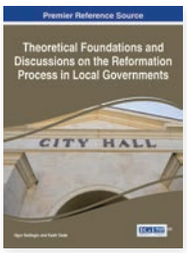

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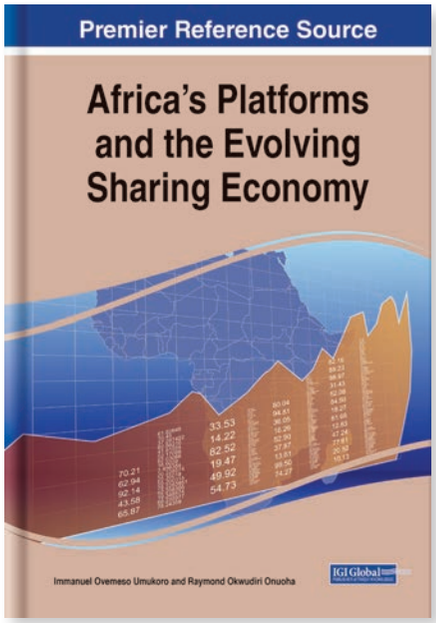

Description:

Digital transformation concepts have created new business principles such as the on-demand economy and a new sharing economy. While the on-demand economy has primarily grown out of industrialized economies, especially North America, Africa has been known to exhibit communal living characterized by sharing. Literature has shown that the introduction of ICTs to everyday life and business has redefined the concept of sharing and also evolved an entirely new spectrum of sharing – both in the individual and business settings. Alongside this new spectrum is a new disruptive business model known as the platform business model. While the subject continues to attract interest globally and locally, there is a need to deepen the understanding of this subject to validate global perspectives on platforms as economic drivers within the African context.

Africa's Platforms and the Evolving Sharing Economy is an essential reference source that explores evidence-based platform dynamics and their impact on Africa as a continent leveraging technology for economic development. The book also delves into current data protection and privacy issues and the policies and regulations that could impact the design, deployment, and use of platforms for businesses. Featuring research on topics such as digital design, e-commerce, and enterprise information systems, this book is ideally designed for government officials, economists, business executives, managers, academicians, students, researchers, and global finance professionals.

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Release Date: December, 2020
Copyright: 2021
Pages: 220

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Developing Economy
- Digital Design
- Digital Technology
- E-Commerce
- Enterprise Information Systems
- Entrepreneurship
- Platform Management
- Shared Economics
- Social Skepticism
- World Economics

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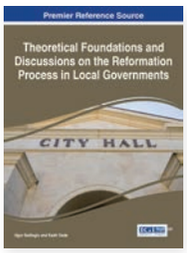

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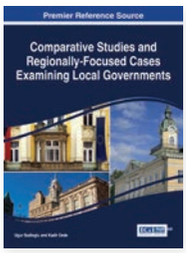

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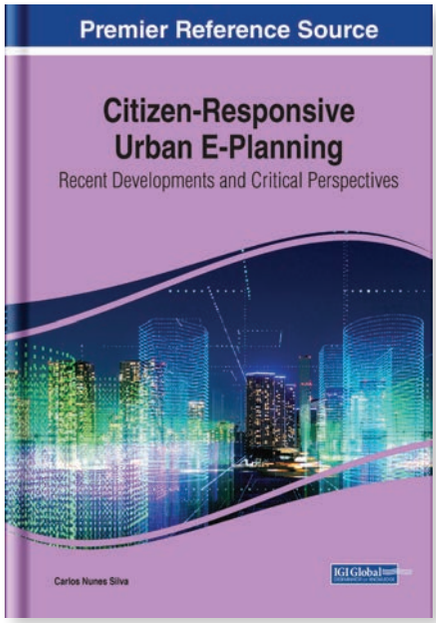

市民响应型城市电子规划：最新进展和评论分析

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Prof. Carlos Nunes Silva (University of Lisbon, Portugal)

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Description:

Among the many ways the world has changed in recent decades, using technology for city planning has become one of the most innovative. Using new, pioneering methods that are reshaping the world into a more efficient and effective society has become the new reality.

Citizen-Responsive Urban E-Planning: Recent Developments and Critical Perspectives is a collection of innovative research that presents and discusses various perspectives on facets of citizen engagement in open urban policy processes, all of them based on the widespread use of information and communication technologies in the field of urban/spatial planning. The book offers an updated outline of recent advances in this field as well as a critical perspective of the challenges with which citizen e-participation in urban e-planning is confronted. While highlighting topics including smart ecosystems, urban development, and global intelligence, this book is ideally designed for urban planners, IT consultants, government officials, policymakers, academicians, researchers, students, and industry professionals.

Topics Covered:

- Community Engagement
- Crowd Sourcing
- E-Governance
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- Intelligence Acquisition
- Online Support Models
- Smart Ecosystems
- Smart Technologies
- Sustainable Technologies
- Urban Development

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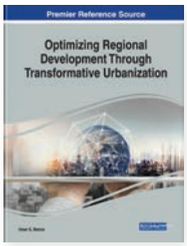

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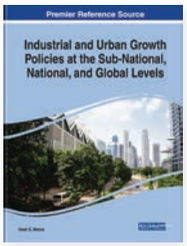

Industrial and Urban Growth Policies at the Sub-National, National, and Global Levels
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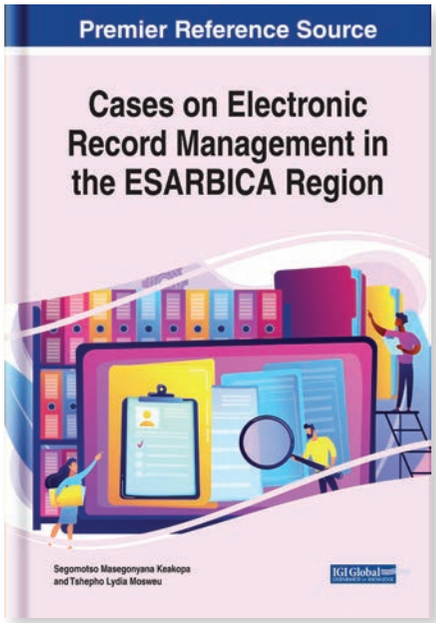

Description:

The Eastern and Southern African Regional Branch of the International Council of Archives (ESARBICA) is dedicated to keeping and preserving records and documents so they may be accessible to the public. Constant research and re-examination of current record-keeping methods, such as the Electronic Document and Records Management System (EDRMS), is necessary to ensure the preservation and dissemination of information.

Cases on Electronic Record Management in the ESARBICA Region is an essential reference source that shares case studies on the development and implementation of records management strategies including the procurement and implementation of EDRMS. Covering topics such as record management strategy development, e-records readiness, and legal frameworks, this book is ideally designed for archivists, librarians, records specialists, knowledge managers, ICT professionals, policymakers, system analysts, project managers, legal officers, academicians, researchers, and students.

Topics Covered:

- E-Government
- E-Records Readiness
- Electronic Document and Records Management Systems (EDRMS)
- Email Management
- Interoperability
- Legal Frameworks
- Long-Term Preservation
- Professional Standards
- Public and Private Sector
- Record Management Strategy Development

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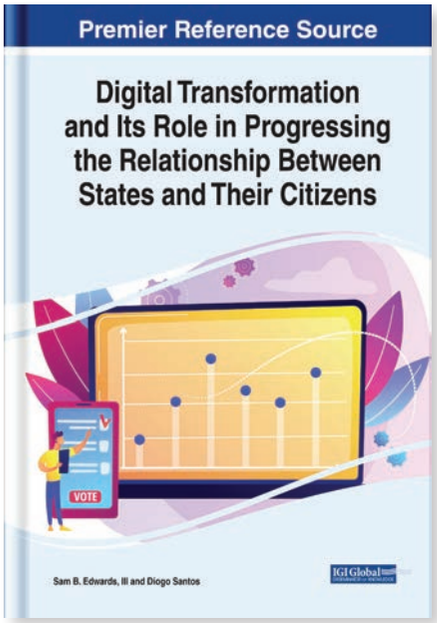

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Profs. Sam B. Edwards III (Quinnipiac University, USA) and Diogo Santos (Pitágoras College, Brazil & Estácio de Sa University, Brazil)

Description:

Countries at different points of development are affected differently by shifts in the ability to access information. These changes require the action of governments to cope in order to preserve accountability and information access. The progression of these changes could vary between countries based on the level of development.

Digital Transformation and Its Role in Progressing the Relationship Between States and Their Citizens is a cutting-edge research publication that examines the relationship between government and citizens especially regarding accountability, communication, and access to information. Featuring a wide range of topics such as electoral reform, free speech, and citizen empowerment, this book is ideal for policymakers, researchers, legal professionals, activists, government employees, and academicians.

Topics Covered:

- Citizen Empowerment
- Democracy
- Digital Communications
- Electoral Reform
- Electronic Voting Systems
- First Amendment
- Free Speech
- Online Resolution
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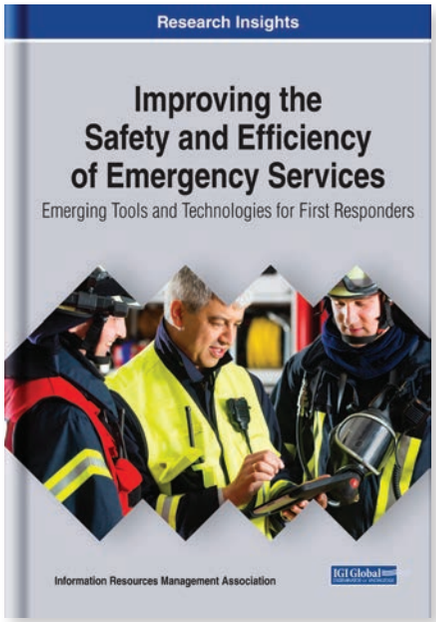
提高应急服务的安全性和效率：急救人员的新兴工具和技术

Mehdi Khosrow-Pour, D.B.A.



Description:

During emergency situations, society relies upon the efficient response time and effective services of emergency facilities that include fire departments, law enforcement, search and rescue, and emergency medical services (EMS). As such, it is imperative that emergency crews are outfitted with technologies that can cut response time and can also predict where such events may occur and prevent them from happening. The safety of first responders is also of paramount concern. New tools can be implemented to map areas of vulnerability for emergency responders, and new strategies can be devised in their training to ensure that they are conditioned to respond efficiently to an emergency and also conscious of best safety protocols.

Improving the Safety and Efficiency of Emergency Services: Emerging Tools and Technologies for First Responders addresses the latest tools that can support first responders in their ultimate goal: delivering their patients to safety. It also explores how new techniques and devices can support first responders in their work by addressing their safety, alerting them to accidents in real time, connecting them with medical experts to improve the chances of survival of critical patients, predicting criminal and terrorist activity, locating missing persons, and allocating resources. Highlighting a range of topics such as crisis management, medical/fire emergency warning systems, and predictive policing technologies, this publication is an ideal reference source for law enforcement, emergency professionals, medical professionals, EMTs, fire departments, government officials, policymakers, IT consultants, technology developers, academicians, researchers, and students.

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Pages: 464

Pricing:

Hardcover: US $195.00
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Topics Covered:

- Crime Hotspot Detection
- Crisis Management
- Digital Forensics
- Emergency Patient Management
- Medical Resources Prediction
- Medical/Fire Emergency Warning Systems
- Predictive Policing Technologies
- Professional Training
- Public Service Management
- Vulnerability Management

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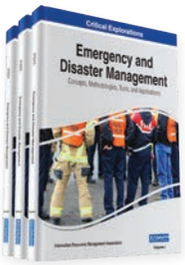

Emergency and Disaster Management: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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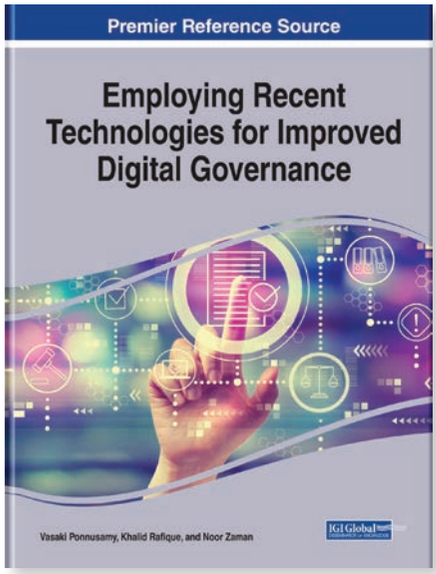

运用最新技术改进数字治理

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Profs. Vasaki Ponnusamy (Universiti Tunku Abdul Rahman, Malaysia), Khalid Rafique (Azad Jammu and Kashmir Information Technology Board, Pakistan), and Noor Zaman (Taylor's University, Malaysia)

Description:

The digital divide, caused by several factors such as poverty and slow communication technologies, has offset the progression of many developing countries. However, with rapid changes in technology, a better collaboration among communities and governance based on the latest research in ICT and technology has begun to emerge.

Employing Recent Technologies for Improved Digital Governance is an essential reference source that provides research on recent advances in the development, application, and impact of technologies for the initiative of digital governance. The book has a dual objective with the first objective being to encourage more research in deploying recent trends in the internet for deploying a collaborative digital governance. The second objective is to explore new possibilities using internet of things (IoT) and cloud/fog-based solutions for creating a collaboration between the governance and IT infrastructure. Featuring research on topics such as intelligent systems, social engineering, and cybersecurity, this book is ideally designed for policymakers, government officials, ICT specialists, researchers, academicians, industry professionals, and students.

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Release Date: December, 2019
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Pages: 383

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Topics Covered:

- Communication Technologies
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- Digital Education
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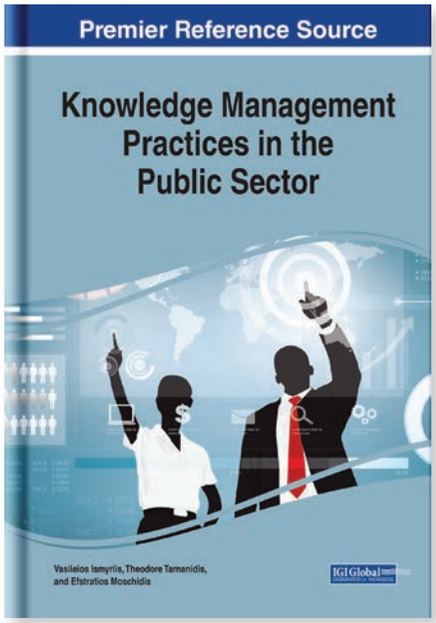

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The public sector provides services to the public and does not expect to acquire financial gain; hence, the practices from the private sector could not be used efficiently without modification, bearing in mind that the main scope of the public organization is to provide quality services to the citizens. Knowledge management can acquire and transfer knowledge in order to succeed in this effort and to confront challenges that exist in the modern knowledge economy. Therefore, knowledge management can play a vital role in the reorganization of the public sector and its necessary organizational change.

Knowledge Management Practices in the Public Sector is a collection of innovative research on the methods and applications of improving the quality of public services through the implementation of knowledge management in public organizations. While highlighting topics including intellectual capital, risk assessment, and organizational strategy, this book is ideally designed for policymakers, ICT consultants, public sector workers, public administrators, government officials, researchers, scholars, and students.

Topics Covered:

- E-Government
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- Knowledge Sharing
- Knowledge Transfer
- Management Science
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- Social Capital
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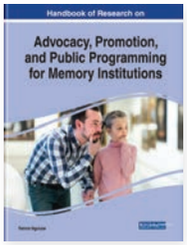

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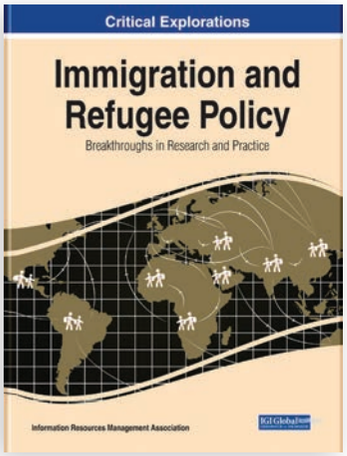

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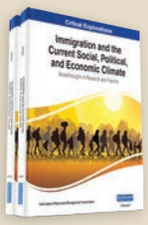

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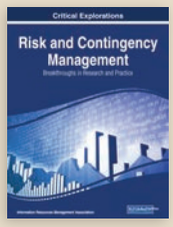

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Violent behavior is an unavoidable aspect of human nature, and as such, it has become deeply integrated into modern society. In order to protect and defend citizens, the foundational concepts of fairness and equality must be adhered to within any criminal justice system. As such, examining police science through a critical and academic perspective can lead to a better understanding of its foundations and implications.

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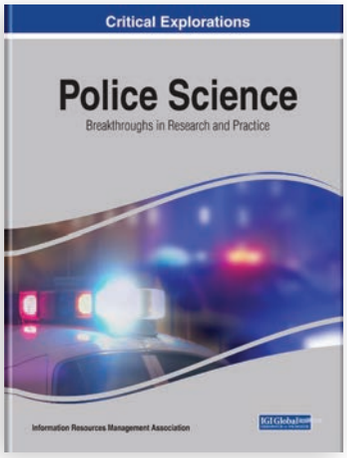

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- Police Brutality
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- Social Climate Change and Police Departments
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- Victimology
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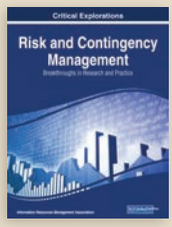

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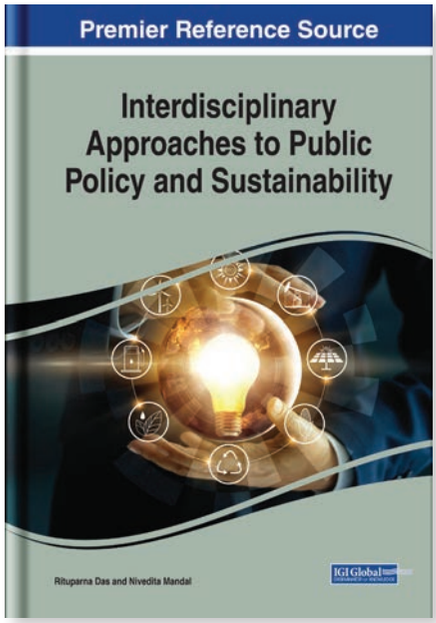

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Profs. Rituparna Das (Adamas University, India) and Nivedita Mandal (Adamas University, India)

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Pages: 320

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Hardcover: US $195.00
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Description:

In today's global economy, the role of public policy in managing and ensuring sustainability is an emerging area of research considering modern day issues such as climate change and the depletion of energy resources. The impact that these environmental concerns have on human life has brought to light a new era of economic theories and initiatives to promote a better lifestyle.

Interdisciplinary Approaches to Public Policy and Sustainability is an essential reference source that discusses the role of public policy in managing sustainability within a wide variety of professional industries such as health, education, and business. Featuring research on topics such as sustainable finance, environmental regulation, and information economics, this book is ideally designed for environmental and policy scientists, researchers, conservationists, policymakers, government officials, lawmakers, academicians, and students seeking coverage on the practices of sustainability pertaining to economic development.

Topics Covered:

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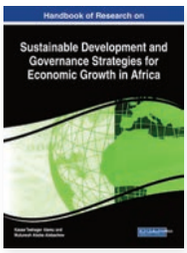

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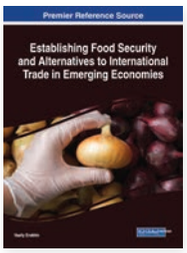

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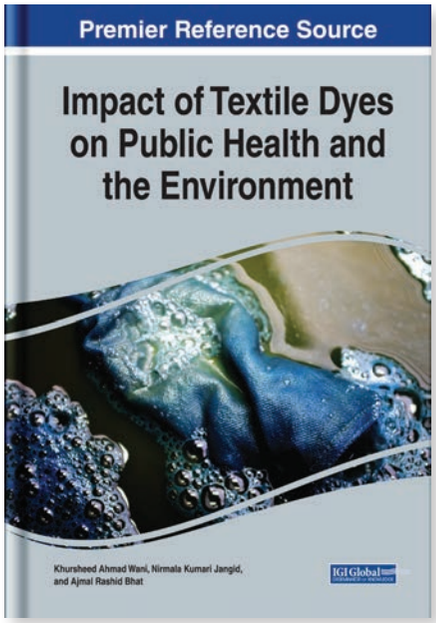

Description:

As society has become increasingly concerned with the protection and preservation of the environment, many industries have been pushed to comply with new policies and social demands for more environmentally-friendly and sustainable practices and products. However, the textile dyeing industry remains a significant source of complex environmental issues with legislative requirements that often vary in detail and severity concerning the exposure and hazards of potentially harmful chemicals and other associated materials. It is vital that the industry sector involved in the application of dyes continues to be sensitive to potential adverse effects on the environment in its widest sense and respond accordingly.

Impact of Textile Dyes on Public Health and the Environment is an essential reference source that focuses on the environmental impact and social responsibility of the dyeing industry. While highlighting topics such as toxicology, bleaching, and greenhouse gases, this publication is ideally designed for chemists, industrialists, non-governmental organization members, environmentalists, fashion designers, clothes manufacturers, scientists, academicians, researchers, students, and practitioners seeking current research on dyeing's potentially adverse effects on the environment and strategic, effective responses.

ISBN: 9781799803119
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Pages: 335

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Topics Covered:

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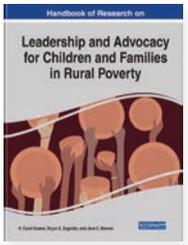

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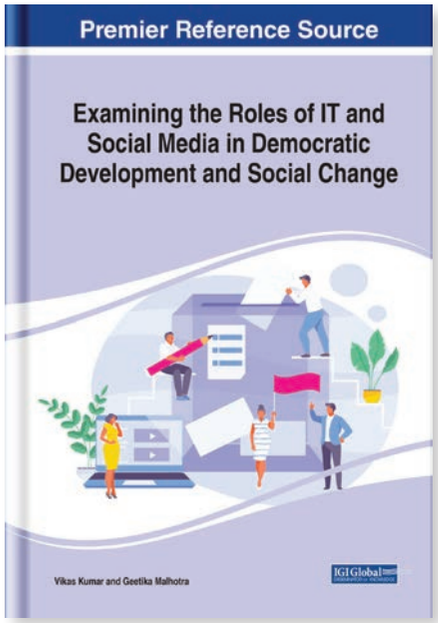

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Social media has emerged as a powerful tool that reaches a wide audience with minimum time and effort. It has a diverse role in society and human life and can boost the visibility of information that allows citizens the ability to play a vital role in creating and fostering social change. This practice can have both positive and negative consequences on society.

Examining the Roles of IT and Social Media in Democratic Development and Social Change is a collection of innovative research on the methods and applications of social media within community development and democracy. While highlighting topics including information capitalism, ethical issues, and e-governance, this book is ideally designed for social workers, politicians, public administrators, sociologists, journalists, policymakers, government administrators, academicians, researchers, and students seeking current research on social advancement and change through social media and technology.

Topics Covered:

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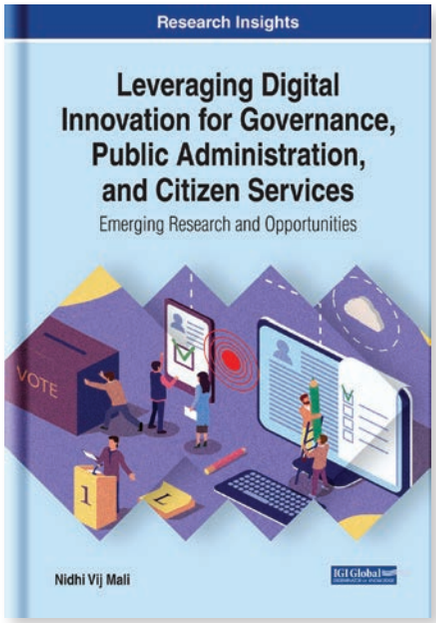

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Digital innovations are often non-linear, non-incremental, and perhaps at times, disruptive processes that have transformed private as well as public service delivery. The rise of digitization has not only overhauled the governance system and enabled greater government-citizen engagement but has also revolutionized public administration. For public organizations to thrive, it is imperative to understand the challenges and applications that digitization can create for the development, deployment, and management of public service processes.

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ISBN: 9781522554127
Release Date: August, 2019
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Pages: 194

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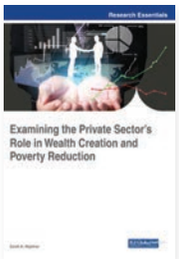

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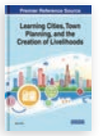

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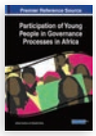

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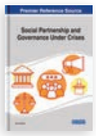

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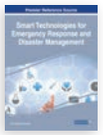

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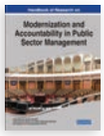

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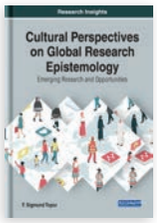

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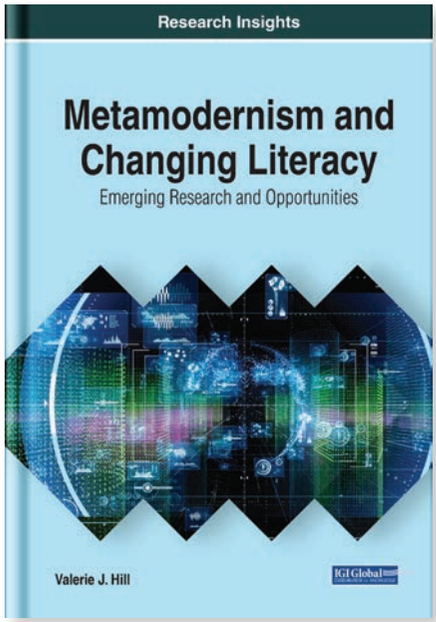

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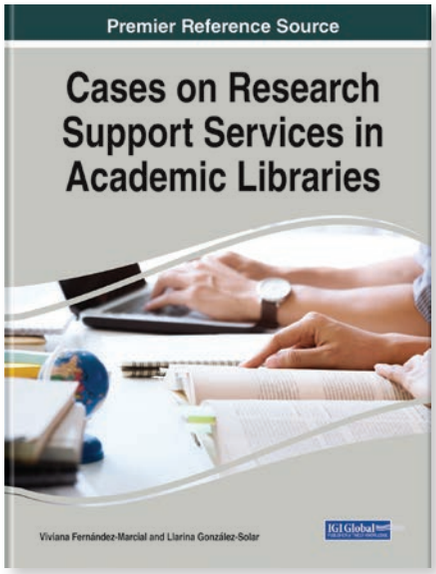

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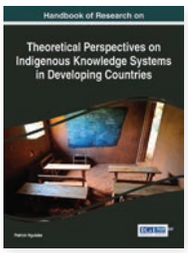

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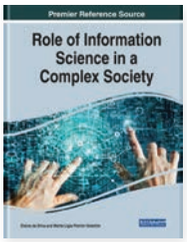

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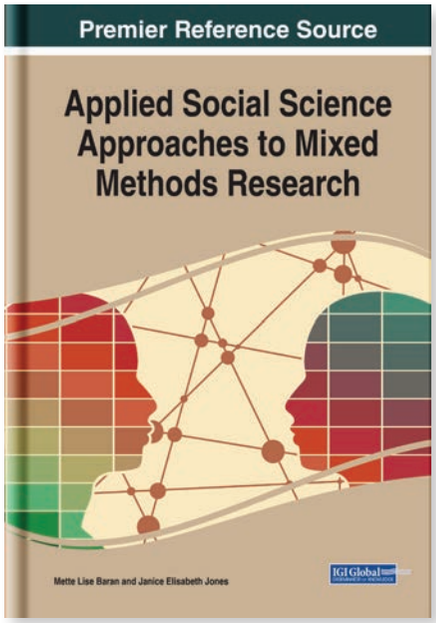

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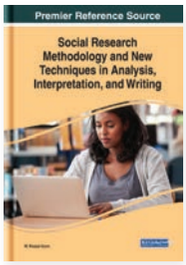

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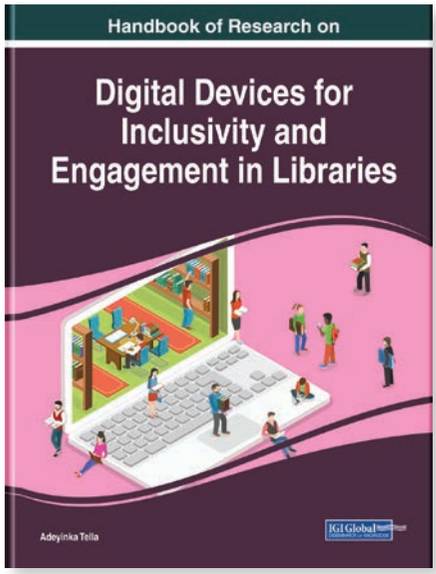

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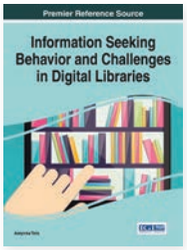

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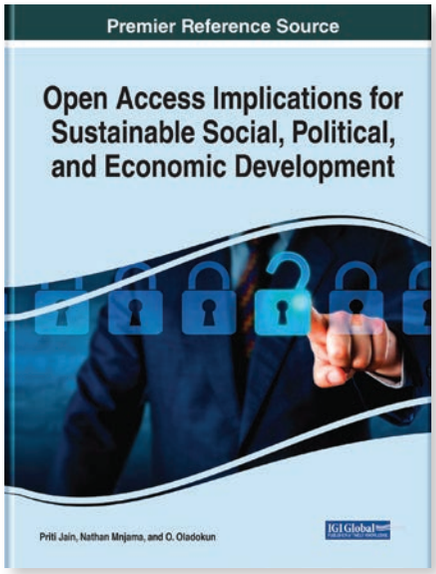

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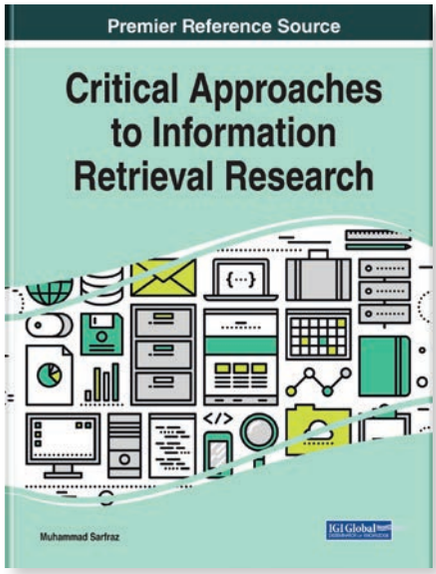

信息检索研究的批判性探讨

Part of the Advances in Library and Information Science Book Series

Prof. Muhammad Sarfraz (Kuwait University, Kuwait)

Description:

Information retrieval (IR) is considered to be the science of searching for information from a variety of information sources related to texts, images, sounds, or multimedia. With the rise of the internet and digital databases, updated information retrieval methodologies are essential to ensure the continued facilitation and enhancement of information exchange.

Critical Approaches to Information Retrieval Research is a critical scholarly publication that provides multidisciplinary examinations of theoretical innovations and methods in information retrieval technologies including search and storage applications for data, text, image, sound, document, and video retrieval. Featuring a wide range of topics including data mining, machine learning, and ontology, this book is ideal for librarians, software engineers, data scientists, professionals, researchers, information engineers, scientists, practitioners, and academicians working in the fields of computer science, information technology, information and communication sciences, education, health, library, and more.

ISBN: 9781799810216
Release Date: August, 2019
Copyright: 2020
Pages: 355

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Topics Covered:

- Algorithms
- Data Mining
- Emotion Analysis
- Healthcare
- Machine Learning
- Mammogram Classification
- Management Techniques
- Networking Language
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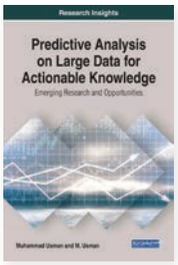

Predictive Analysis on Large Data for Actionable Knowledge: Emerging Research and Opportunities
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大数据在改善图书馆服务中的运用

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Prof. Sangeeta Namdev Dhamdhere (Modern College of Arts, Science and Commerce, Pune, India)

Description:

Today, libraries must provide various web-based services, social media, and internet to patrons in order to adequately support their information needs. In addition to these services, the maintenance of online literature, databases, data sets, and archives cause librarians to have to handle huge amounts of data each day. Big data can support with quality improvement and problem solving to improve library services and can help librarians to provide up-to-date and innovative real-time services to library users.

Big Data Applications for Improving Library Services is an essential scholarly publication that examines the implications and applications of big data analytics on services provided by libraries. Highlighting a wide range of topics such as data analytics, mobile technologies, and web-based services, this book is ideal for librarians, knowledge managers, data scientists, data analysts, cataloguers, academicians, IT professionals, researchers, and students.

Topics Covered:

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- Big Data
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- Data Visualization
- Databases
- Higher Learning
- Knowledge Resources
- Library Services
- Mobile Technologies
- Web-Based Services

ISBN: 9781799830498
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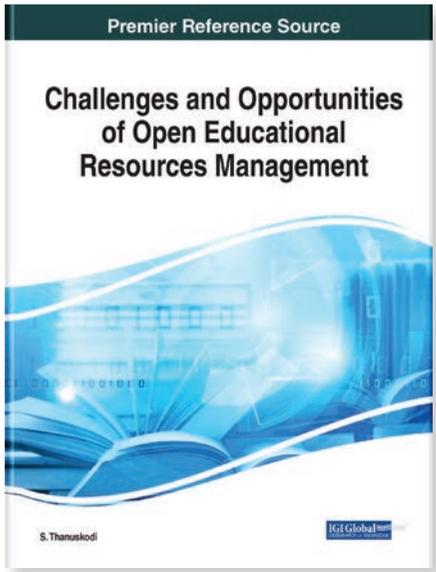

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Part of the Advances in Library and Information Science Book Series

Prof. S. Thanuskodi (Alagappa University, India)

Description:

Education is a fundamental human right, yet much of the world's population lives with poor literacy. Due to rapidly growing technology and internet usage, open educational resources (OER) are increasingly being used to help transcend barriers to literacy while also aiding in educational attainment. With tremendous developments in ICTs, the education system of today has been enriched by various OERs. The optimal utilization of opportunities provided by the technological developments presents a profound challenge for education systems and has serious implications involving cost, access, equity, pedagogy, and quality.

Challenges and Opportunities of Open Educational Resources Management is an essential research publication that explores access to information and societal and economic hurdles that contribute to informational inaccessibility. Highlighting topics such as e-resources, digital libraries, and information management, this book is ideal for librarians, academicians, computer scientists, researchers, policymakers, and students. Moreover, the book will provide insights and support executives concerned with the management of expertise, knowledge, information, and organizational development in different types of work communities and environments.

Topics Covered:

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- RFID Technology
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- Special Libraries
- User Interface

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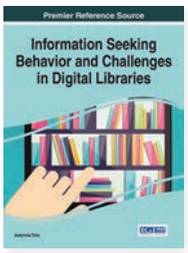

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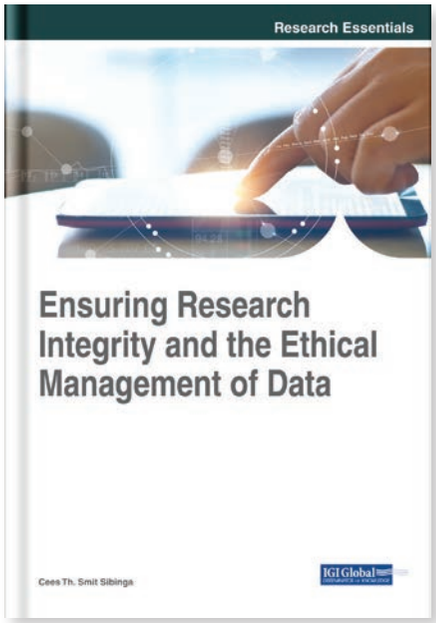

Description:

Data management technology is rapidly progressing, and with it comes the need for stricter rules that ensure the information being collected is handled appropriately.

Ensuring Research Integrity and the Ethical Management of Data is an essential resource that examines the best approaches for providing quality research, as well as how to effectively manage that information in a reputable way. Featuring extensive research on relevant topics such as qualitative data collection, data sharing, data misinterpretation, and intellectual property, this scholarly publication is an ideal reference source for academicians, students, and researchers interested in current trends and techniques in ethical research and data management.

Topics Covered:

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- Data Privacy
- Data Reporting
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- Peer Review Process
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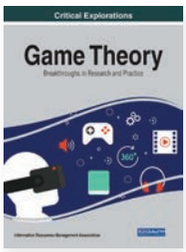

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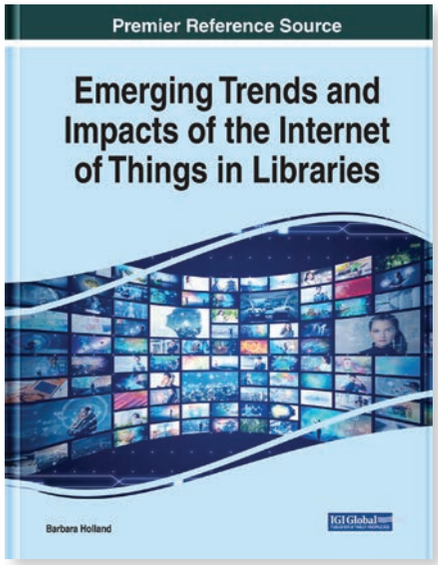

图书馆物联网的新趋势与影响

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Prof. Barbara Holland (Brooklyn Public Library, USA)

Description:

Over the years, new IT approaches have manifested, including digital transformation, cloud computing, and the internet of things (IoT). They have had a profound impact on the population, including libraries. Many organizations can save on their IT budget by adopting these new approaches because they provide technology in easier ways, often at lower costs and to the benefit of users.

Emerging Trends and Impacts of the Internet of Things in Libraries is a critical research publication that explores advancing technologies, specifically the internet of things, and their applications within library settings. Moreover, the book will provide insights and explore case studies on smart libraries. Featuring a wide range of topics such as smart technology, automation, and robotics, this book is ideal for librarians, professionals, academicians, computer scientists, researchers, and students working in the fields of library science, information and communication sciences, and information technology.

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Pages: 253

Pricing:

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Topics Covered:

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- Automation
- Beacon Technology
- High Performance Computing
- Internet of Everything (IoE)
- Internet of Things (IoT)
- Library Science
- RFID Technology
- Robotics
- Smart Libraries
- Smart Technology
- Virtual Reality

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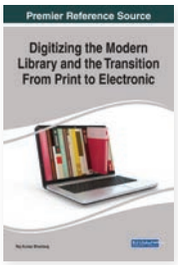

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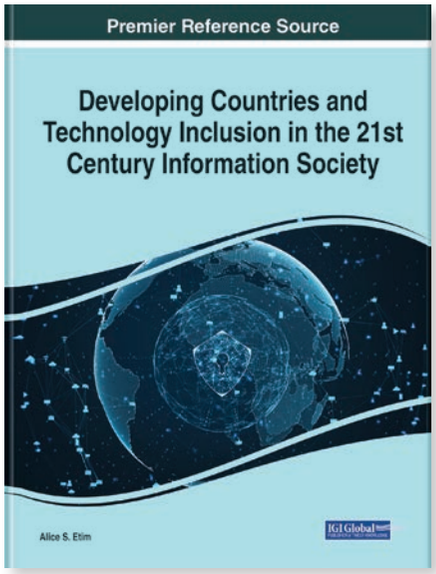

Description:

In recent years, many developing regions across the globe have made rigorous efforts to become integrated into the global information society. The development and implementation of information communication technology (ICT) devices and policies within various fields of service have significantly aided in the infrastructural progression of these countries. Despite these considerable advancements, there remains a lack of research and awareness on this imperative subject.

Developing Countries and Technology Inclusion in the 21st Century Information Society is an essential reference source that discusses the adoption and impact of ICT tools in developing areas of the world as well as specific challenges and sustainable uses within various professional fields. Featuring research on topics such as policy development, gender differences, and international business, this book is ideally designed for educators, policymakers, researchers, librarians, practitioners, scientists, government officials, and students seeking coverage on modern applications of ICT services in developing countries.

Topics Covered:

- Agrobusiness
- Education
- Financial Mobility
- Gender Differences
- Healthcare
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- Security Culture

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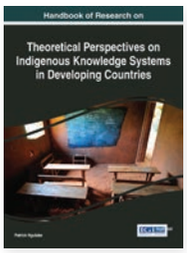

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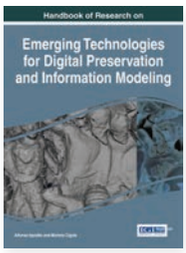

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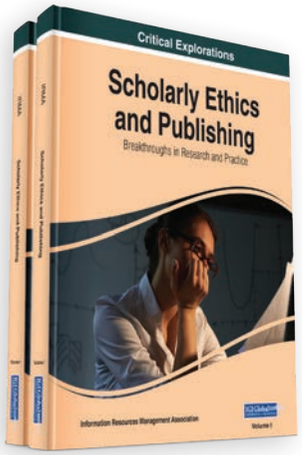

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Research Anthology on Scholarly Ethics and Publishing: Breakthroughs in Research and Practice is an essential reference source that discusses various aspects of ethical values in academic settings including methods and tools to prevent and detect plagiarism, strategies for the principled gathering of data, and best practices for conducting and citing research. It also assists researchers in navigating the field of scholarly publishing through a careful analysis of multidisciplinary research topics and recent trends in the industry. Highlighting a range of pertinent topics such as academic writing, publication process, and research methodologies, this publication is an ideal reference source for researchers, graduate students, academicians, librarians, scholars, and industry-leading experts around the globe.

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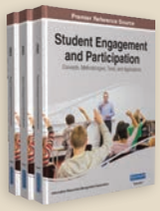

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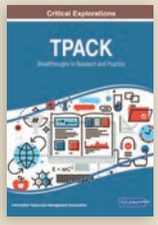

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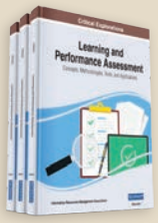

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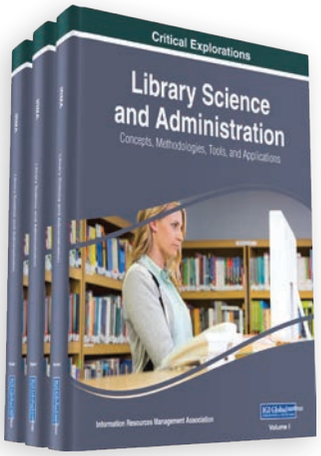

Effective administration of libraries is a crucial part of delivering library services to the public. To develop and implement best practices, librarians must be aware and informed of the recent advances in library administration.

Research Anthology on Library Science and Administration: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and management of libraries and examines the benefits and challenges of library administration. Highlighting a range of pertinent topics such as digital libraries, information sciences, and academic libraries, this multi-volume book is ideally designed for academicians, researchers, practitioners, and librarians seeking current research on library science and administration.

Topics Covered:

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- Consortiums
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- Disaster planning
- Electronic Resources
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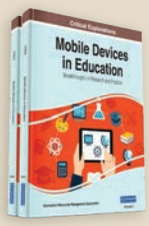

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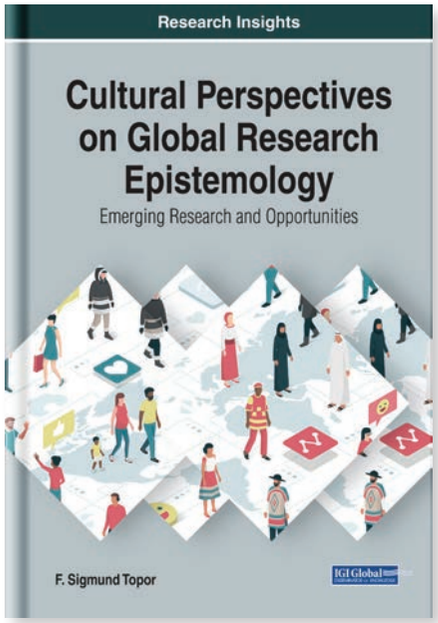

ISBN: 9781522589846
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Pages: 130

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Part of the Advances in Religious and Cultural Studies Book Series

Prof. F. Sigmund Topor (University of Electro-Communications, Japan)

Description:

Cultural values and structures differ in societies throughout the world. For example, the traditional conformism of Confucian countries is vastly dissimilar from the individualistic values of Western societies. In today's globalized environment, the greatest challenge is the collaboration of diverse cultures. The comprehension of global epistemology and the understanding of diverse cultural perspectives is needed in order to sustain global harmony and intercultural congruence.

Cultural Perspectives on Global Research Epistemology: Emerging Research and Opportunities is a pivotal reference source that discusses the effect of globalization on intercultural communication and critical thinking and analyzes Eastern and Western societies from an epistemological standpoint. While highlighting topics including uncertainty avoidance, Confucianism, and cultural heritage, this book is ideally designed for researchers, scientists, anthropologists, sociologists, educators, practitioners, and students seeking current research on epistemic discordance in global research.

Topics Covered:

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- Cultural Heritage
- Education Systems
- Globalization
- Individualism
- Linguistics
- Medical Tourism
- Power Distance
- Uncertainty Avoidance

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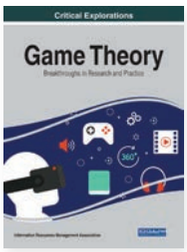

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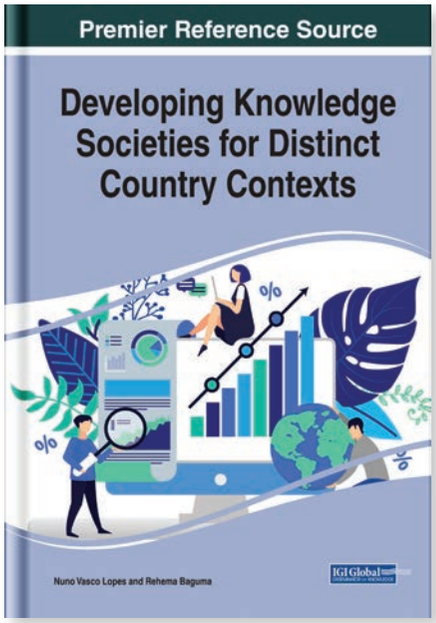
Profs. Nuno Vasco Lopes (University of Minho, Portugal) and Rehema Baguma (Makerere University, Uganda)



Description:

Through knowledge societies, people have capabilities to acquire information and to transform that information into knowledge and information, which empowers them to enhance their lives and to contribute to the social-economic development. The practical application of knowledge into innovation and how this process from research to development to application can be achieved is a domain that is not yet very well understood.

Developing Knowledge Societies for Distinct Country Contexts is an essential reference source that documents methods, best practices, and case studies for the development of global knowledge societies at the national, regional, and local levels. Featuring empirical analysis on topics such as smart governance, financial literacy, and globalization, this book is ideally designed for business strategists, economists, international researchers, anthropologists, politicians, policymakers, governmental sectors, academics, and students seeking coverage on the development of knowledge society policies and strategies in various areas of the world.

Topics Covered:

- Economic Trends
- Educational Practices
- Ethical Issues
- Financial Literacy
- Globalization
- Information Systems
- Knowledge Management
- Smart Governance
- Sustainable Development
- Tourism and Hospitality

ISBN: 9781522588733
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Pages: 280

Pricing:

Hardcover: US $185.00
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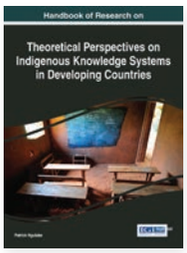
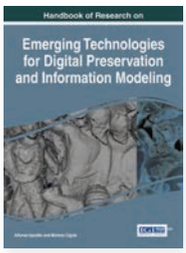
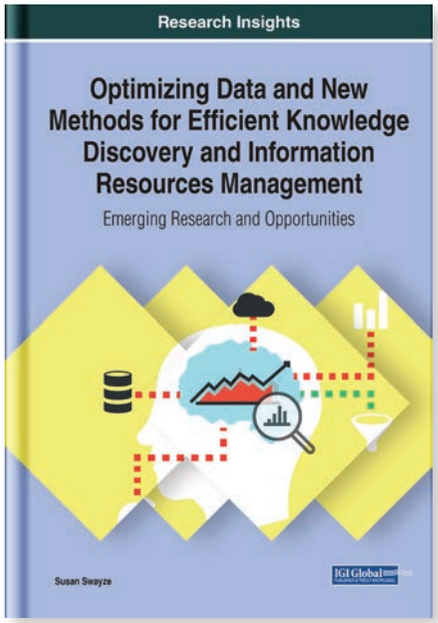


Handbook of Research on Theoretical Perspectives on Indigenous Knowledge Systems in Developing Countries
© 2017; 516 pp.



Handbook of Research on Emerging Technologies for Digital Preservation and Information Modeling
© 2017; 649 pp.



优化数据和新方法以实现高效的知识发现和信息资源管理：新兴研究和机遇

Part of the Advances in Knowledge Acquisition, Transfer, and Management Book Series

Prof. Susan Swayze (The George Washington University, USA)

Description:

The fast-paced world created by the accessibility of consumer information through internet-generated data requires improved information-management platforms. The continuous evaluation and evolution of these systems facilitate enhanced data reference and output.

Optimizing Data and New Methods for Efficient Knowledge Discovery and Information Resources Management: Emerging Research and Opportunities is a critical research publication that provides insight into the varied and rapidly changing fields of knowledge discovery and information resource management. Highlighting a range of topics such as datamining, artificial intelligence, and risk assessment, this book is essential for librarians, academicians, policymakers, information managers, professionals, and researchers in fields that include artificial intelligence, knowledge discovery, data visualization, big data, and information resources management.

ISBN: 9781799822356
Release Date: June, 2020
Copyright: 2020
Pages: 198

Pricing:

Hardcover: US $155.00
Softcover: US $120.00
E-Book: US $155.00

Topics Covered:

- Artificial Intelligence
- Big Data
- Communication Matrices
- Datamining
- Information Resource Management
- Information Systems
- IT Organizations
- Knowledge Discovery
- National Policy
- Risk Assessment

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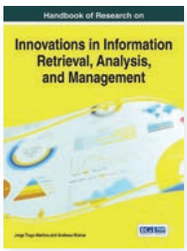
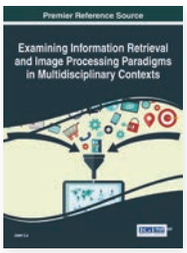


Handbook of Research on Innovations in Information Retrieval, Analysis, and Management
© 2016; 580 pp.



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学位论文准备框架的确立：新兴研究与机遇

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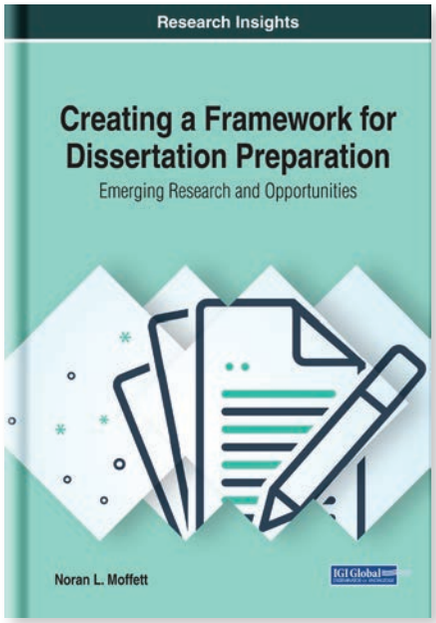
Prof. Noran L. Moffett (Fayetteville State University, USA)



Description:

The dissertation processes across various disciplines are considered complicated, tedious, and confusing. The professional community of scholars have contributed monumental works on methodology for specific disciplines; however, none have comprehensively created a framework which addresses these issues.

Creating a Framework for Dissertation Preparation: Emerging Research and Opportunities is a critical research publication that provides relevant lived experiences and frameworks from across various disciplines that support theoretical frameworks and conceptual frameworks of the dissertation process. Featuring a range of topics such as criminal justice, information security, and professional development, this book is ideal for graduate program administrators, deans, department chairs, professionals, dissertation advisors, educators, administrators, academicians, and researchers.

Topics Covered:

- Advisors
- Career Development
- Dissertation Defense
- Dissertation Syndrome
- Inter-Organizational Communication
- International Students
- Knowledge Management
- Methodology
- Organizational Knowledge
- Professional Development
- Research Methods

ISBN: 9781522597070
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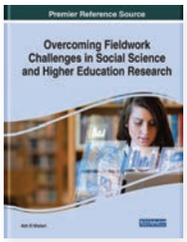

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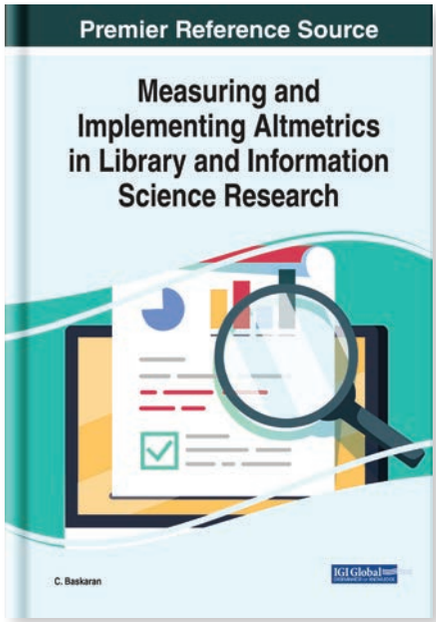

图书馆情报学研究中指标的度量与实施

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Prof. C. Baskaran (Alagappa University, India)

ISBN: 9781799813095
Release Date: January, 2020
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Pages: 162

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Description:

Researchers are becoming increasingly concerned with tracking the impact and reach that their research has on the academic community. Through the implementation of altmetrics, they can now better measure the value that their research has through the analysis of citing behavior and citation-based research evaluation.

Measuring and Implementing Altmetrics in Library and Information Science Research is a critical research book that focuses on how altmetrics can help researchers to uncover evidence of societal engagement, influence, and broader impacts that demonstrate the value of their research. It builds a more complete picture of the visibility and profile of individual researchers and observes real-time social media updates that provide insight into how faculty's research is being shared from the moment it is published. Featuring a range of topics such as citations, big data, and social media, this book is essential for researchers, educators, librarians, professionals, academicians, administrators, and students.

Topics Covered:

- Analytics
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- Big Data
- Citations
- Informetrics
- Matrices
- Research
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- Social Media
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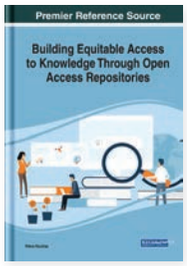

Building Equitable Access to Knowledge Through Open Access Repositories
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Open Access Implications for Sustainable Social, Political, and Economic Development
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知识产权与传统知识的保护

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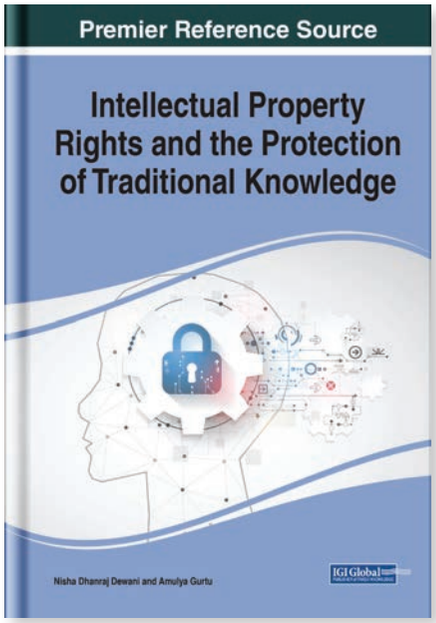

Description:

Traditional knowledge is largely oral collective of knowledge, beliefs, and practices of indigenous people on sustainable use and management of resources. The survival of this knowledge is at risk due to various difficulties faced by the holders of this knowledge, the threat to the cultural survival of many communities, and the international lack of respect and appreciation of traditional knowledge. However, the greatest threat is that of appropriation by commercial entities in derogation of the rights of the original holders. Though this practice is morally questionable, in the absence of specific legal provisions, it cannot be regarded as a crime.

Intellectual Property Rights and the Protection of Traditional Knowledge is a collection of innovative research on methods for protecting indigenous knowledge including studies on intellectual property rights and sovereignty rights. It also analyzes the contrasting interests of developing and developed countries in the protection of traditional knowledge as an asset. While highlighting topics including biopiracy, dispute resolution, and patent law, this book is ideally designed for legal experts, students, industry professionals, and practitioners seeking current research on the development and enforcement of intellectual property rights in relation to traditional knowledge.

ISBN: 9781799818359
Release Date: December, 2019
Copyright: 2020
Pages: 296

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Biopiracy
- Copyright Laws
- Cultural Expression
- Customary Law
- Dispute Resolution
- Indigenous Knowledge
- Intellectual Property Rights
- Medical Knowledge
- Patent Law
- WIPO

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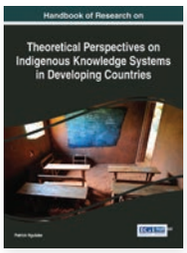

Handbook of Research on Theoretical Perspectives on Indigenous Knowledge Systems in Developing Countries
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信息科学研究相关方法研究手册

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Prof. Patrick Ngulube (University of South Africa, South Africa)

Description:

In today's globalized world, viable and reliable research is fundamental for the development of information. Innovative methods of research have begun to shed light on notable issues and concerns that affect the advancement of knowledge within information science. Building on previous literature and exploring these new research techniques are necessary to understand the future of information and knowledge.

The **Handbook of Research on Connecting Research Methods for Information Science Research** is a collection of innovative research on the methods and application of study methods within library and information science. While highlighting topics including data management, philosophical foundations, and quantitative methodology, this book is ideally designed for librarians, information science professionals, policymakers, advanced-level students, researchers, and academicians seeking current research on transformative methods of research within information science.

ISBN: 9781799814719
Release Date: December, 2019
Copyright: 2020
Pages: 639

Pricing:

Hardcover: US $275.00
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Topics Covered:

- Data Management
- Ethical Considerations
- Indigenous Epistemologies
- Information Science Analysis
- Mixed Method Sampling
- Mixed Methods
- Philosophical Foundations
- Qualitative Methodology
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Cases on Research Support Services in Academic Libraries
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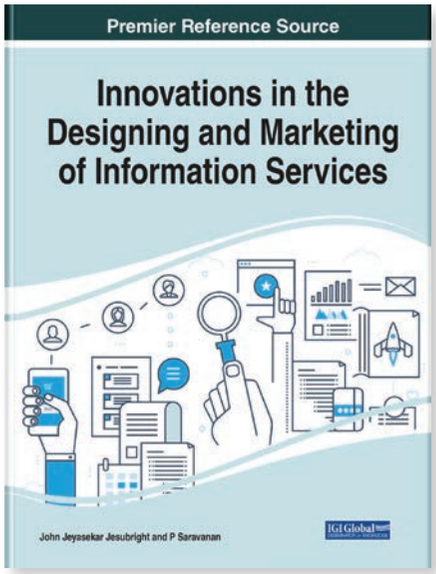

Description:

Compounded with the emergence of information technology, information services have become more complex. In order to break the bottleneck in providing information services, the information behavior of the user community must be studied and library staff must be effectively trained to identify, adapt, and satisfy the information needs of every type of information seeker.

Innovations in the Designing and Marketing of Information Services provides emerging research exploring the theoretical and practical aspects of improving and expanding information resources and services in a cost-effective way and enables librarians to plan and present information services for the betterment of civil society. Featuring coverage on a broad range of topics such as e-resources, knowledge ethics, and user-friendly technology, this book is ideally designed for librarians, information scientists, behavioral scientists, information technologists, marketers, marketing executives, academicians, researchers, and students.

Topics Covered:

- Accessibility
- Assistive Technology
- Copyright
- Cost-Benefit Analysis
- Customer Satisfaction
- E-Resources
- Information Literacy
- Information Retrieval
- Information Systems
- IT Security
- Knowledge Ethics
- Library Services
- Plagiarism
- User Behavior
- User-Friend

ISBN: 9781799814825
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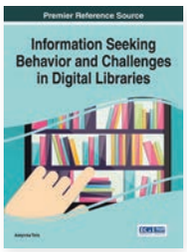

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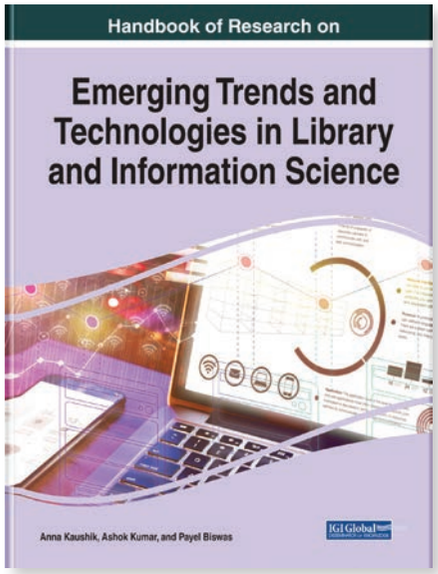

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Profs. Anna Kaushik (University of Kota, India), Ashok Kumar (Maharishi Markandeshwar University (Deemed), India), and Payel Biswas (Institute of Urban Transport, India)

Description:

With the perpetual advancements of technology, library and information science professionals are tasked with understanding these technologies and providing accurate and comprehensive information to other potential users. These professionals must develop best practices for understanding these technologies in order to best serve other users.

The **Handbook of Research on Emerging Trends and Technologies in Library and Information Science** is a critical research book that examines advancing technologies and new innovations and their influences on library and information sciences for improved best practices. Featuring an array of topics such as digital libraries, distance education, and information literacy, this publication is essential for librarians, knowledge managers, information retrieval specialists, library and information science professionals, information scientists, researchers, web librarians, academicians, educators, IT specialists, and managers.

Topics Covered:

- Artificial Intelligence
- Big Data
- Digital Libraries
- Distance Education
- Electronic Resource Management
- Human Resources
- Information Literacy
- Intellectual Property Rights
- Knowledge Management
- Massive Open Online Courses (MOOCs)
- Social Networks

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Developing In-House Digital Tools in Library Spaces
© 2018; 274 pp.

Managing and Adapting Library Information Services for Future Users
© 2020; 284 pp.

未来用户图书馆信息服务的管理与调整

Part of the Advances in Library and Information Science Book Series

Prof. Nkem Ekene Osuigwe (African Library and Information Associations and Institutions, Nigeria)

Description:

Information in today's modernized world has become much more attainable with the use of technology. A resource that has fallen victim to this are library services. What was once a staple of knowledge and communication has failed to keep pace with recent advancements in information service providers. Library practitioners need to learn how to manage change, build influence, and adapt their services to remain relevant within local communities. Libraries can continue to play a key role in future aspects of information provision, but proper research is a necessity.

Managing and Adapting Library Information Services for Future Users is a collection of innovative research that encapsulates practices, concepts, ideas, and proposals that would chart pathways for libraries of all types to envision and understand how to thrive and remain relevant in the competitive information provision environment. It is expected to motivate librarians and information scientists to probe further into how libraries would better serve user communities of the 21st century who have options of accessing information from sources other than from libraries. While highlighting topics including artificial intelligence, human design thinking, and alternative finance, this book is ideally designed for librarians, information specialists, architects, data scientists, researchers, community development practitioners, policymakers, faculty members, and students seeking current research on emerging advancements in library optimization.

ISBN: 9781799811169
Release Date: November, 2019
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Pages: 284

Pricing:

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E-Book: US $185.00

Topics Covered:

- Alternative Finance
- Artificial Intelligence
- Big Data Analytics
- Community Engagement
- Developmental Challenges
- Human Design Thinking
- Innovative Thinking
- Library Architecture
- LIS Education
- Resource Development

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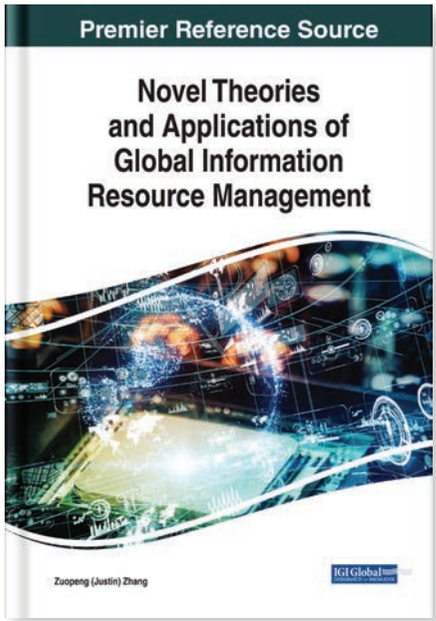

ISBN: 9781799817864
Release Date: November, 2019
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Pages: 405

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全球信息资源管理的最新理论与应用

Part of the Advances in Library and Information Science Book Series

Prof. Zuopeng (Justin) Zhang (University of North Florida, USA)

Description:

With technology creating a more competitive market, the global economy has been continually evolving in recent years. These technological developments have drastically changed the ways organizations manage their resources, as they are constantly seeking innovative methods to implement new systems. Because of this, there is an urgent need for empirical research that studies advancing theories and applications that organizations can use to successfully handle information and supplies.

Novel Theories and Applications of Global Information Resource Management is a pivotal reference source that provides vital research on developing practices for businesses to effectively manage their assets on a global scale. While highlighting topics such as enterprise systems, library management, and information security, this publication explores the implementation of technological innovation into business techniques as well as the methods of controlling information in a contemporary society. This book is ideally designed for brokers, accountants, marketers, researchers, data scientists, financiers, managers, and academicians seeking current research on global resource management.

Topics Covered:

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- E-Commerce
- Enterprise Systems
- Human Resources
- Information Innovation
- Information Security
- Library Management
- Marketing Systems
- Social Media
- Supply Chain Management

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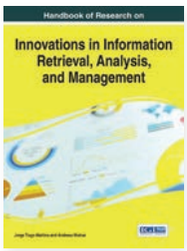

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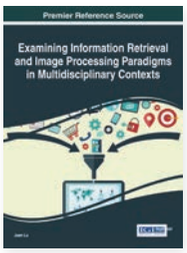

Examining Information Retrieval and Image Processing Paradigms in Multidisciplinary Contexts
© 2017; 425 pp.

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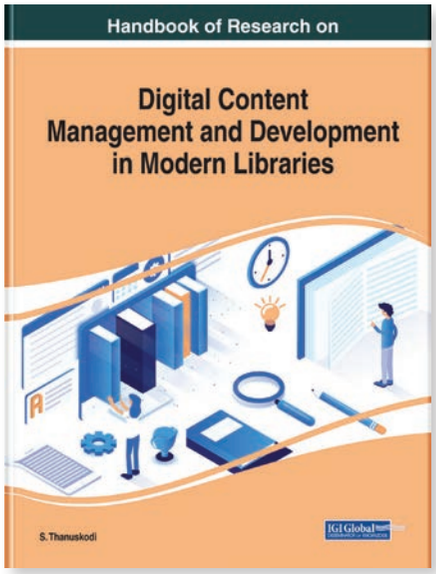

Description:

Collection assessment can be defined as the systematic quantitative and qualitative measurement of the degree to which a library's collections meet the library's goals, objectives, and the needs of its users. E-resources are creating new challenges for collection assessment, which require that the collection be measured, analyzed, and judged according to specific criteria for relevancy, size, quality, and use.

The **Handbook of Research on Digital Content Management and Development in Modern Libraries** is a critical scholarly resource that examines collection management and quality within information services. Featuring a wide range of topics such as e-resources, knowledge management, and consortia, this book is ideal for professionals, academicians, academic librarians, researchers, and students in the fields of library and information science, education, computer science, and information technology. Moreover, the book will provide insights and support executives concerned with the management of expertise, knowledge, information, and organizational development in different types of work communities and environments.

Topics Covered:

- Consortia
- Digital Libraries
- Digital Resource Management
- E-Resources
- Information Retrieval
- Knowledge Management
- Open Access
- Repositories
- RFID Technology
- User Interface

ISBN: 9781799822011
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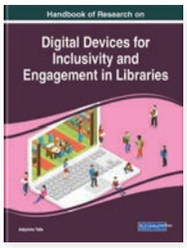

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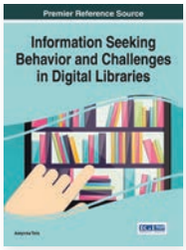

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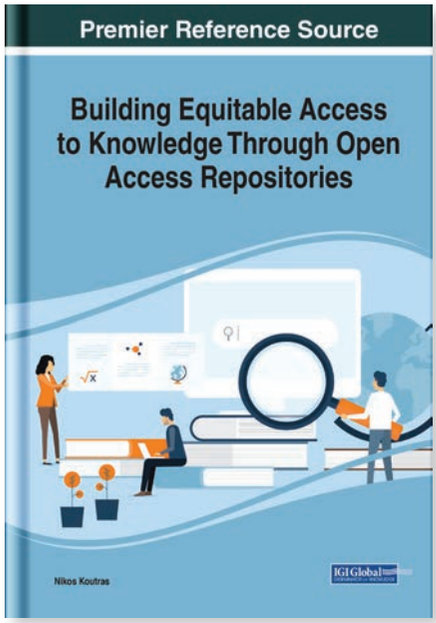

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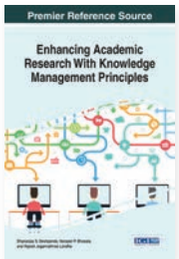

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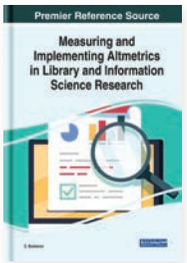

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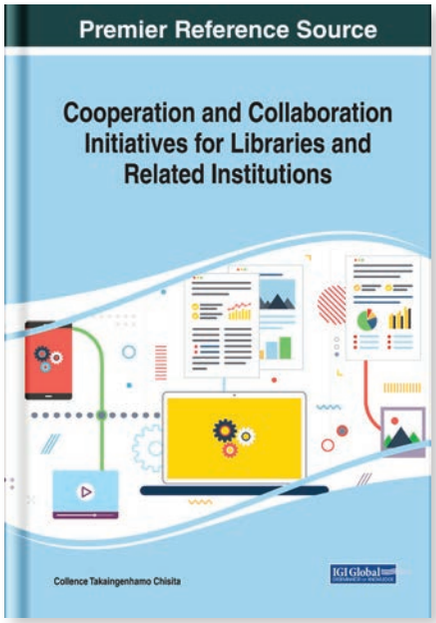

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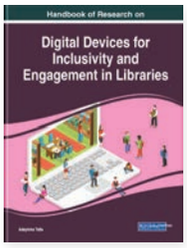

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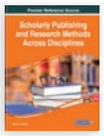

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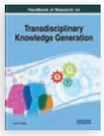

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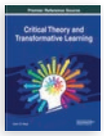

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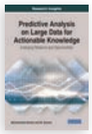

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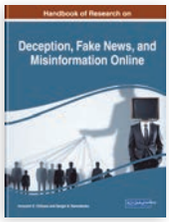

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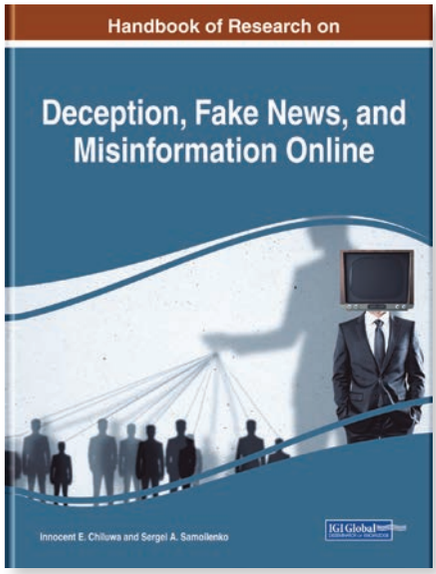

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Innocent Chiluwa is a professor in Language (discourse analysis) and Media/Digital Communications in the Department of Languages & General Studies, Covenant University, OTA, Nigeria. He is a Humboldt scholar and digital expert and visiting Professor in the Department of English, University of Freiburg, Germany. He obtained a PhD in English and Media/Communication studies and is a member of the International Communication Association (ICA); International Association for Media and Communication Research (IAMCR), and the International Linguistic Association (ILA) among others. His research interests include: (1) (critical) discourse analysis of media & digital communications – especially discourses produced by social movements, civil societies, minority groups, rebel groups and terrorist organizations in the form of resistance, protests, activism or dissent in the media and the Internet; (2) critical analysis of online deceptive communications, particularly those associated with phishing, email financial scams and cyber-attacks; (3) Social and political/cultural discourses including discourses of identity. Prof. Chiluwa has researched and published extensively in these areas.

"This collection of chapters is unique in the sense that the contributors ***examine the prevalence of online deception and misinformation*** *in almost all areas of human endeavor such as business, politics, media, religion, and relationships, among others."*

- Prof. Innocent E. Chiluwa, Covenant University, Nigeria

"This book is ***a comprehensive educational and scientifically sound guide*** *to studying deception, misinformation, and fake news and applying the knowledge to various aspects of social and political life. This book also addresses the need for timely coverage of recent developments and emerging phenomena."*

- Dr. Sergei A. Samoilenko, George Mason University, USA

本书章节示例:

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Chapter 10: Fake Online News: Rethinking News Credibility for the Changing Media Environment Prof. Janet Aver Adikpo, Eastern Mediterranean University, Cyprus	**Chapter 16: Understanding and Countering Misinformation About Climate Change** Prof. John Cook, George Mason University, USA
Chapter 20: Profiting From the "Trump Bump": The Effects of Selling Negativity in the Media Prof. Sergei A. Samoilenko, George Mason University, USA Prof. Andrey Miroshnichenko, York University, Canada	**Chapter 24: The Role of Deceptive Communication and Gender in Shaping Online Dating Interactions: A Discursive Approach** Prof. Anna Maria Kuzio, University of Zielona Gora, Poland

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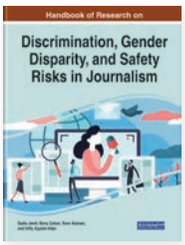

Handbook of Research on Discrimination, Gender Disparity, and Safety Risks in Journalism
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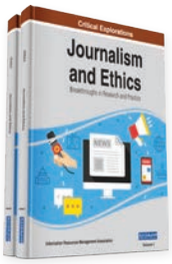
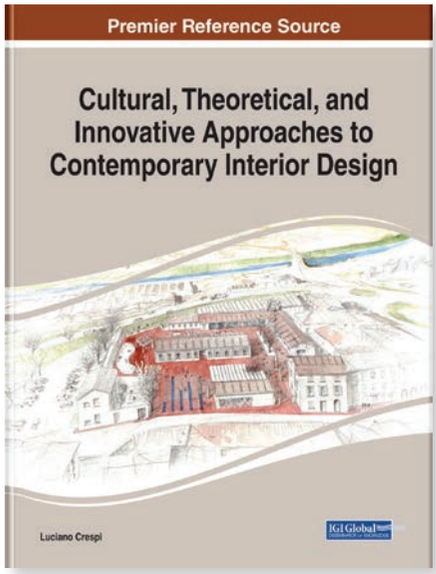


Journalism and Ethics: Breakthroughs in Research and Practice (2 Volumes)
© 2019; 913 pp.



当代室内设计的文化、理论和创新思路

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Prof. Luciano Crespi (Politecnico di Milano, Italy)

Description:

Interior design can be considered a discipline that ranks among the worlds of art, design, and architecture and provides the cognitive tools to operate innovatively within the spaces of the contemporary city that require regeneration. Emerging trends in design combine disciplines such as new aesthetic in the world of art, design in all its ramifications, interior design as a response to more than functional needs, and as the demand for qualitative and symbolic values to be added to contemporary environments.

Cultural, Theoretical, and Innovative Approaches to Contemporary Interior Design is an essential reference source that approaches contemporary project development through a cultural and theoretical lens and aims to demonstrate that designing spaces, interiors, and the urban habitat are activities that have independent cultural foundations. Featuring research on topics such as contemporary space, mass housing, and flexible design, this book is ideally designed for interior designers, architects, academics, researchers, industry professionals, and students.

ISBN: 9781799828235
Release Date: February, 2020
Copyright: 2020
Pages: 459

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
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Topics Covered:

- Anthropology
- Architecture Quality
- Contemporary Space
- Flexible Design
- Improving Comfort
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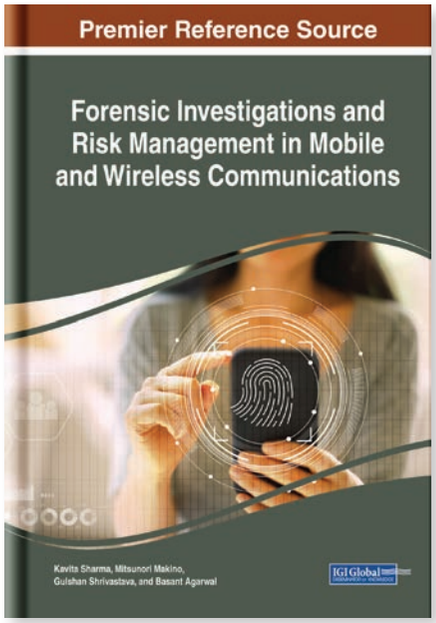

Description:

Mobile forensics has grown from a relatively obscure tradecraft to a crucial part of many criminal investigations, and is now used daily by examiners and analysts within local, state, and federal law enforcement as well as within the military, US government organizations, and the private "e-Discovery" industry. Developments in forensic research, tools, and processes over the past decade have been very successful and continue to change at a rapid pace.

Forensic Investigations and Risk Management in Mobile and Wireless Communications is a collection of innovative research on the methods and applications of analyzing mobile devices and data for collection of information pertaining to the legal evidence related to various security breaches and intrusion detection. While highlighting topics including cybercrime, neural networks, and smartphone security, this book is ideally designed for security analysts, IT professionals, researchers, practitioners, academicians, and students currently investigating the up-and-coming aspects surrounding network security, computer science, and security engineering.

ISBN: 9781522595540
Release Date: July, 2019
Copyright: 2020
Pages: 314

Pricing:

Hardcover: US $195.00
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E-Book: US $195.00

Topics Covered:

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- Cryptocurrency
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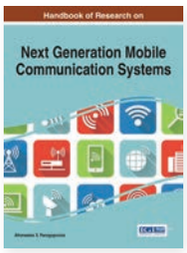

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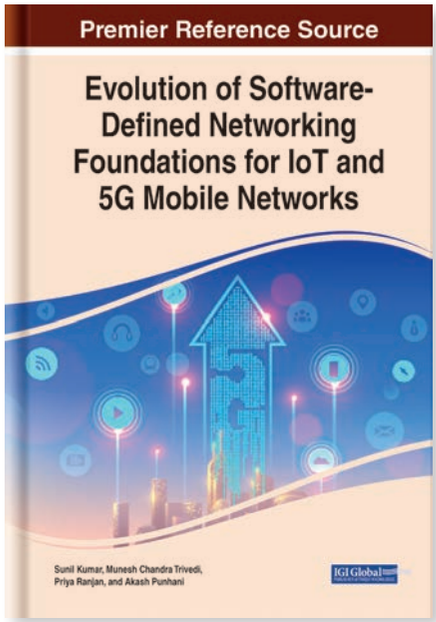

物联网和5G移动网络软件定义网络基础的演变

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ISBN: 9781799846857
Release Date: October, 2020
Copyright: 2021
Pages: 300

Pricing:

Hardcover: US $195.00
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Description:

5G is the upcoming generation of the wireless network that will be the advanced version of 4G LTE+ providing all the features of a 4G LTE network and connectivity for IoT devices with faster speed and lower latency. The 5G network is going to be a service-oriented network, connecting billions of IoT devices and mobile phones through the wireless network, and hence, it needs a special emphasis on security. Security is the necessary enabler for the continuity of the wireless network business, and in 5G, network security for IoT devices is the most important aspect. As IoT is gaining momentum, people can remotely operate or instruct their network devices. Therefore, there is a need for robust security mechanisms to prevent unauthorized access to the devices.

Evolution of Software-Defined Networking Foundations for IoT and 5G Mobile Networks is a collection of innovative research on the security challenges and prevention mechanisms in high-speed mobile networks. The book explores the threats to 5G and IoT and how to implement effective security architecture for them. While highlighting topics including artificial intelligence, mobile technology, and ubiquitous computing, this book is ideally designed for cybersecurity experts, network providers, computer scientists, communication technologies experts, academicians, students, and researchers.

Topics Covered:

- Artificial Intelligence
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ISBN: 978-1-5225-7314-2
EISBN: 978-1-5225-7315-9
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EISBN: 9781522539308
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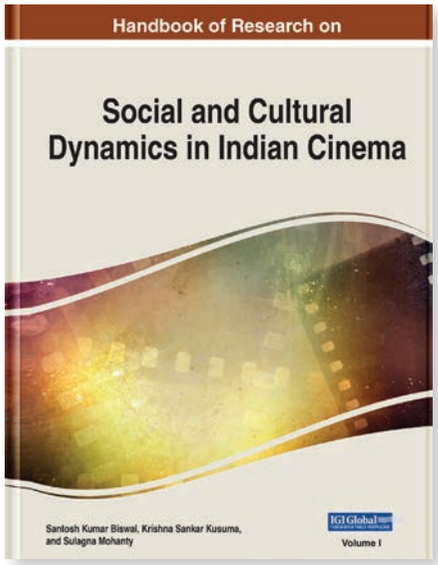

印度电影的社会文化动态

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Profs. Santosh Kumar Biswal (Symbiosis International University (Deemed), India), Krishna Sankar Kusuma (Jamia Millia Islamia, India), and Sulagna Mohanty (Amrita Vishwa Vidyapeetham, India)

Description:

Cinema in India is an entertainment medium that is interwoven into society and culture at large. It is clearly evident that continuous struggle and conflict at the personal as well as societal levels is depicted in cinema in India. It has become a reflection of society both in negative and positive ways. Hence, cinema has become an influential factor and one of the largest mass communication mediums in the nation.

The **Handbook of Research on Social and Cultural Dynamics in Indian Cinema** is an essential reference source that discusses cultural and societal issues including caste, gender, oppression, and social movements through cinema and particularly in specific language cinema and culture. Featuring research on topics such as Bollywood, film studies, and gender equality, this book is ideally designed for researchers, academicians, film studies students, and industry professionals seeking coverage on various aspects of regional cinema in India.

ISBN: 9781799835110
Release Date: June, 2020
Copyright: 2020
Pages: 401

Pricing:

Hardcover: US $185.00
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Topics Covered:

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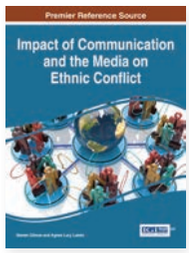

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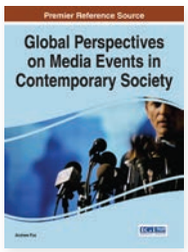

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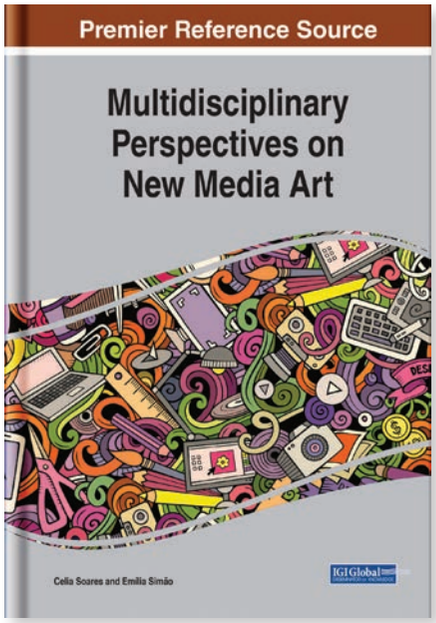

Description:

New media has been gaining importance in the academic world as well as the artistic world through the concept of new media art. As the connections between art and communication technologies grow and further embrace a wide range of concepts, interpretations, and applications, the number of disciplines that will be touched will likewise continue to expand.

Multidisciplinary Perspectives on New Media Art is a collection of innovative research on the methods and intersections between new media, artistic practices, and digital technologies. While highlighting topics including audience relationship, digital art, and computer animation, this book is ideally designed for academicians, researchers, high-level art students, and art professionals.

Topics Covered:

- Audience Relationship
- Augmented Reality
- Computer Animation
- Contemporary Art
- Cyberculture
- Digital Art
- Gratification Theory
- Media Art
- Postmodernism
- Visual Performance

ISBN: 9781799836698
Release Date: June, 2020
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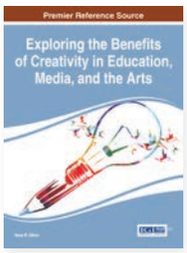

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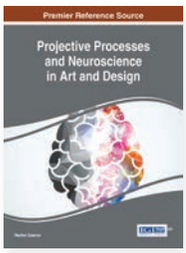

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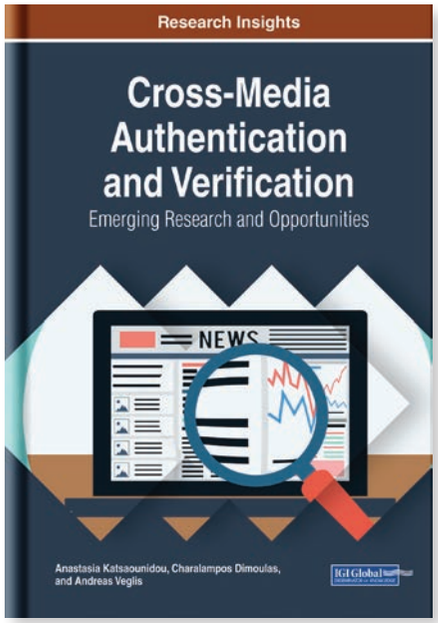

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Description:

As media becomes more readily available in the digital age, it also becomes more vulnerable to tampering and manipulation, making techniques for verifying reliable news and media sources essential. Understanding online technologies' role in shaping the media environment allows for insight into the correlations between the rapidly transforming media landscape and its unwanted effect on news and content tampering.

Cross-Media Authentication and Verification: Emerging Research and Opportunities is a collection of innovative research on the methods and applications of verifying the newsgathering and publishing process. While highlighting topics including human authentication, information evaluation, and tampered content, this book is ideally designed for researchers, students, publishers, and academicians seeking current research on media authenticity and misinformation.

Topics Covered:

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- Tampered Content

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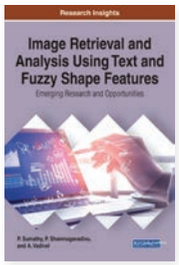

Image Retrieval and Analysis Using Text and Fuzzy Shape Features: Emerging Research and Opportunities
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Digital Multimedia: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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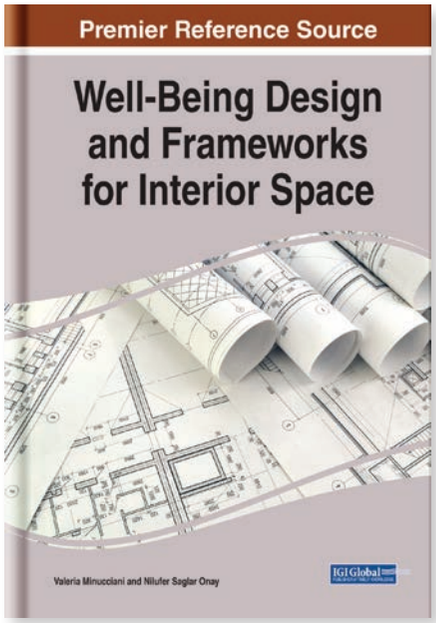

Description:

Planners, architects, and designers can have a great impact on living environments and well-being. Well-being is a natural outcome of natural living, but it is important to realize that a real and comprehensive understanding of well-being can only be achieved through the continuity of the concept to all environmental scales starting from the biosphere and leading towards interiors. Since interior space is one of the most important determinants of our everyday experiences, its role in well-being as a conscious construct needs to be the most important concern of spatial design.

Well-Being Design and Frameworks for Interior Space is a pivotal reference source that proposes a framework including different dimensions of well-being and that discusses the importance of each dimension through the examination of past and present living environments in an attempt to figure out the appropriate ways of thinking, living, and building that can lead to healthier environments and happier people. Factors discussed throughout the book include the history of the concept of living well, the evolution of well-being with age, the requirements that affect well-being, the potentials of certain design approaches for well-being, the existing environments (such as vernacular structures, heritage buildings) with specific advantages for well-being, changes in well-being requirements, interior environments with different functions (such as schools and home environments), and the intersections of interior design with other design disciplines.

ISBN: 9781799842316
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Copyright: 2020
Pages: 292

Pricing:

Hardcover: US $165.00
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Topics Covered:

- Aging
- Architecture
- Cultural Heritage
- Design Frameworks
- Environmental Design
- Holistic Design
- Practice and Policy
- Reuse
- School Environments
- Vernacular Architecture
- Well-Being Foundations

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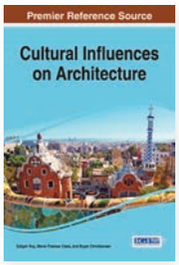

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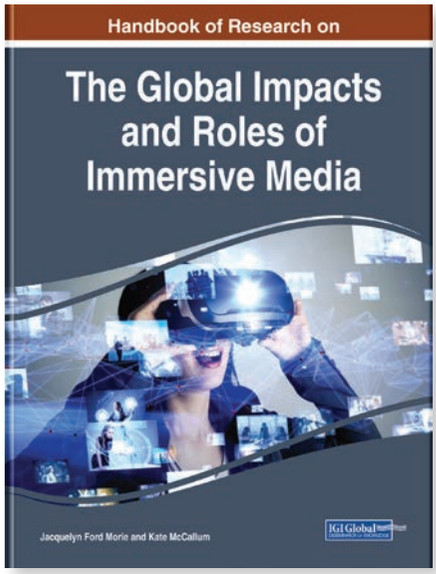

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Profs. Jacquelyn Ford Morie (All These Worlds, LLC, USA) and Kate McCallum (Bridge Arts Media, USA & Vortex Immersion Media, USA)

ISBN: 9781799824336
Release Date: December, 2019
Copyright: 2020
Pages: 539

Pricing:

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E-Book: US $265.00

Description:

The world is witnessing a media revolution similar to the birth of the film industry from the early 20th Century. New forms of media are expanding the human experience from passive viewership to active participants, surrounding and enveloping us in ways film or television never could. New immersive media forms include virtual reality (VR), augmented reality (AR), mixed reality (XR), fulldome, CAVEs, holographic characters, projection mapping, and mixed experimental combinations of old and new, live, and generated media. With the continued expansion beyond the traditional frame, practitioners are crafting these new media to see how they can influence and shape the world.

The **Handbook of Research on the Global Impacts and Roles of Immersive Media** is a collection of innovative research that provides insights on the latest in existing and emerging immersive technologies through descriptions of case studies, new business models, philosophical viewpoints, and scientific findings. While highlighting topics including augmented reality, interactive media, and spatial computing, this book is ideally designed for media technologists, storytellers, artists, journalists, designers, programmers, developers, manufacturers, entertainment executives, content creators, industry professionals, academicians, researchers, and media students.

Topics Covered:

- Augmented Reality
- Digital Influence
- Digital Technology
- Immersive Marketing
- Interactive Media
- Media Technology
- Narrative Strategy
- Social Networking
- Spatial Computing
- Virtual Reality

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关于本书编辑：

Dr. Jacquelyn Morie's 30 years of researching & creating meaningful VR experiences combines multi-sensory and perceptual techniques for VR that predictably elicit emotional responses from participants. Her company All These Worlds, LLC is active in social VR, Mindfulness applications, storytelling, stress relief experiences, avatars and immersive education & training. In 2016 she concluded a special project for NASA called ANSIBLE, a full virtual world ecosystem designed to provide psychological benefits for future astronauts who will undertake extremely long isolated missions to Mars. ANSIBLE was tested in an analog facility called HISEAS in Hawaii, where a team of six scientists was sequestered for a full year to simulate the conditions of isolation on Mars, including long communications delays. Dr. Morie also investigates the use of personal avatars for how we use them and how they affect our human selves. In 2004 she invented a novel scent release device for VR (now called called RemniScent), to aid in the evocative power of VR experiences. Her education includes advanced degrees in Fine Arts and Computer Science (MFA, 1984 & MS, 1988 from the University of Florida) and a PhD in Computer and Information Systems from Smartlab, University of East London in 2007. Morie lives on a tiny urban farm with her extended family in a 110 year old house near downtown Los Angeles, CA.

"As a media professional working in and tracking the emerging field of immersive media, I found it extremely challenging to ***clarify and define categories of immersive media****...and to find* ***well-written documentation*** *of practitioners working in this space. This book was designed to fill these gaps for many sectors needing to know more about immersive media."*

- Dr. Jacquelyn Ford Morie (All These Worlds, LLC, USA)

本书章节示例：	
Chapter 1: Virtual Futures: A Manifesto for Immersive Experiences Prof. Julia Scott-Stevenson, University of the West of England, UK	**Chapter 3: Humans Enter the Age of Avatarism** Prof. Gregory Peter Panos, Persona Foundation Founder, USA
Chapter 6: Smell Is All Around Us: History, Meaning, and (Immersive!) Applications for Scent Prof. Saskia Wilson-Brown, The Institute for Art and Olfaction, USA	**Chapter 7: The Intersections of Creativity, Technology, and the Mind: How This Applies to Immersive Projects** Prof. Audri Phillips, Robot Prayers, USA
Chapter 11: Virtual eXperience as a Mass Market Phenomenon: Spatial Computing and the World Building Challenge Prof. Brett Leonard, Studio Lightship, USA	**Chapter 21: Virtual Reality as a Tool for Mental Health and Conscious Living and Death: Immersive Contemplative Approaches to Existential Anxieties** Prof. Dorote Weyers-Lucci, Institute of Transpersonal Psychology, Sofia University, USA

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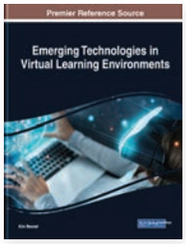

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Cases on Immersive Virtual Reality Techniques
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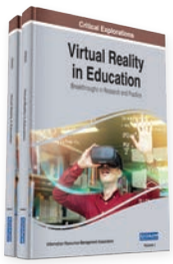

Virtual Reality in Education: Breakthroughs in Research and Practice (2 Volumes)
© 2019; 845 pp.

ISBN: 9781799843818
Release Date: June, 2020
Copyright: 2020
Pages: 279

Pricing:

Hardcover: US $195.00
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E-Book: US $195.00

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Description:

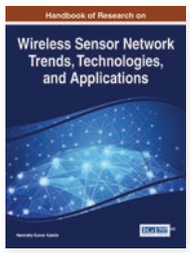
Technologies in today's society are rapidly developing at a pace that is challenging to stay up to date with. As an increasing number of global regions are implementing smart methods and strategies for sustainable development, they are continually searching for modern advancements within computer science, sensor networks, software engineering, and smart technologies. A compilation of research is needed that displays current applications of computing methodologies in the progression of global cities and how smart technologies are being utilized.

Sensor Network Methodologies for Smart Applications is a collection of innovative research on the methods of intelligent systems and technologies and their various applications within sustainable development practices. While highlighting topics including machine learning, network security, and optimization algorithms, this book is ideally designed for researchers, scientists, developers, programmers, engineers, educators, policymakers, geographers, planners, and students seeking current research on smart technologies and sensor networks.

Topics Covered:

- Ad-hoc Networks
- Artificial Intelligence
- Cloud Computing
- Internet of Things
- Machine Learning
- Network Security
- Optimization Algorithms
- Smart Cities
- Smart Technologies
- Wireless Sensor Networks

Related Books



Handbook of Research on Wireless Sensor Network Trends, Technologies, and Applications
© 2017; 589 pp.

Sensor Technology: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2020; 1,618 pp.

舞蹈与表演艺术的科学观点与新兴发展

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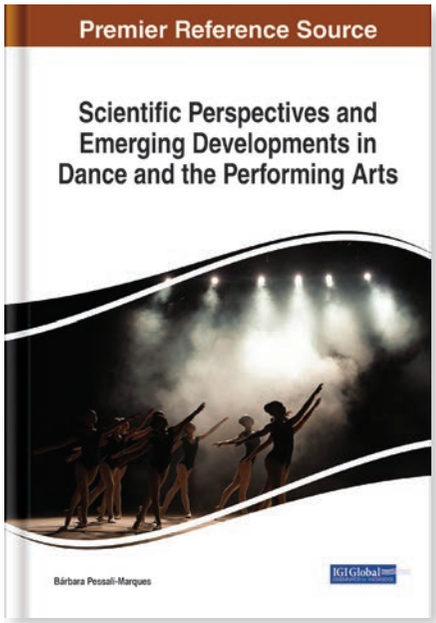
Prof. Bárbara Pessali-Marques (Bastidores - Dance, Research and Training, UK)



Description:

In the last few years, concerns about dancers' health and the consequences of physical training have increased considerably. The physical requirements and type of training dancers need to achieve to reach their highest level of performance while decreasing the rate of severe injuries has awakened the necessity of more scientific knowledge concerning the area of dance, in part considering its several particularities.

Scientific Perspectives and Emerging Developments in Dance and the Performing Arts is a pivotal reference source that provides vital research designed to reduce the gap between the scientific theory and the practice of dance. While highlighting topics such as burnout, mental health, and sport psychology, this publication explores areas such as nutrition, psychology, and education, as well as methods of maintaining the general wellbeing and quality of the health, training, and performance of dancers. This book is ideally designed for dance experts, instructors, sports psychologists, researchers, academicians, and students.

Topics Covered:

- Applied Biomechanics
- Burnout
- Creative Dance
- Dance Education
- Human Movement
- Mental Health
- Personality Psychology
- Professional Dance
- Sport Psychology
- Sport Resilience

ISBN: 9781799842613
Release Date: February, 2021
Copyright: 2021
Pages: 300

Pricing:

Hardcover: US $195.00
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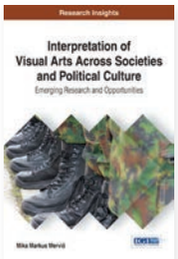

Interpretation of Visual Arts Across Societies and Political Culture: Emerging Research and Opportunities
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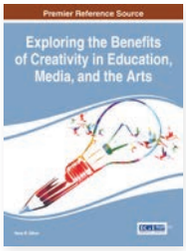
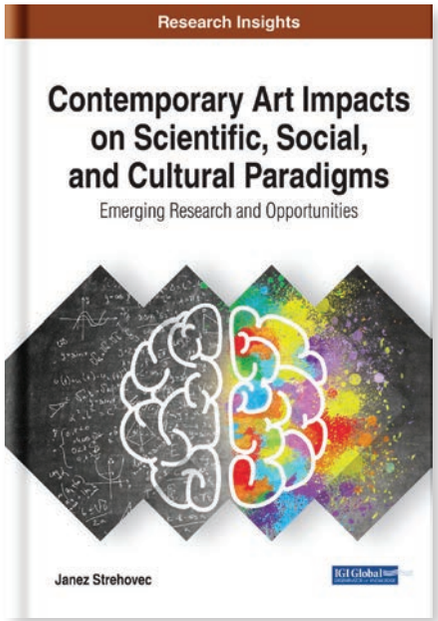


Exploring the Benefits of Creativity in Education, Media, and the Arts
© 2017; 458 pp.



当代艺术对科学、社会和文化范式的影响：新兴研究和机遇

Part of the Advances in Media, Entertainment, and the Arts Book Series

Prof. Janez Strehovec (Institute of New Media Art and Electronic Literature, Ljubljana, Slovenia)

ISBN: 9781799838357
Release Date: May, 2020
Copyright: 2020
Pages: 177

Pricing:

Hardcover: US $145.00
Softcover: US $110.00
E-Book: US $145.00

Description:

Art is a concept that has been used by researchers for centuries to explain and realize numerous theories. The legendary artist Leonardo da Vinci, for example, was a profound artist and a genius inventor and researcher. The co-existence of science and art, therefore, is necessary for global appeal and society's paradigms, literacy, and scientific movements.

Contemporary Art Impacts on Scientific, Social, and Cultural Paradigms: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of present post-aesthetic art and its applications within economics, politics, social media, and everyday life. Featuring coverage on a broad range of topics such as media studies, contemporary storytelling, and literacy nationalism, this book is ideally designed for researchers, media studies experts, media professionals, academicians, and students.

Topics Covered:

- Art Theory
- Consumer Behavior
- Contemporary Storytelling
- Financial Market
- Literacy Nationalism
- Media Studies
- Modern Art
- New Media
- Smart Technology
- Social Media

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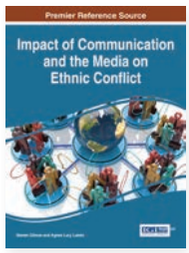

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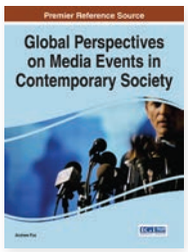

Global Perspectives on Media Events in Contemporary Society
© 2016; 306 pp.

打击对媒体自由和记者安全的威胁研究手册

Part of the Advances in Media, Entertainment, and the Arts Book Series

Prof. Sadia Jamil (Khalifa University, UAE)

Description:

The freedom of expression and the freedom of information are the indispensable components of free media. Without these two basic rights, an informed, active, and participatory citizenry is impossible. Members of the media require special protections to enable them to operate freely in order to advocate for human rights, public discourse, and the plurality of ideas.

The **Handbook of Research on Combating Threats to Media Freedom and Journalist Safety** is an essential reference source that evaluates how diverse threats impact on journalists' wellbeing, their right to freedom of expression, and overall media freedoms in various contexts and assesses inadequacies in national security policies, planning, and coordination relating to the safety of journalists in different countries. Featuring research on topics such as freedom of the press, professional journalism, and media security, this book is ideally designed for journalists, news writers, editors, columnists, press, broadcasters, newscasters, government officials, lawmakers, diplomats, international relations officers, law enforcement, industry professionals, academicians, researchers, and students.

ISBN: 9781799812982
Release Date: December, 2019
Copyright: 2020
Pages: 408

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Digital Journalism
- Freedom of the Press
- Global Media
- Journalism Laws
- Journalistic Freedom
- Mass Communication
- Media Security
- Multifaceted Censorship
- News Media
- Professional Journalism

"The core purpose of this book is to ***gather international researchers to share problems that affect the freedom of media and to underline threats to the safety of journalists*** *in various countries of the world."*
- Prof. Sadia Jamil (Khalifa University, UAE)

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媒体与传播

交互式通信系统和技术的创新性研究

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Prof. Muhammad Sarfraz (Kuwait University, Kuwait)

Description:

Digital communication has become increasingly prominent in numerous disciplines throughout society due to the high usage levels of interactive systems. Professionals continue to apply trending technologies to their traditional practices as social interaction becomes more computerized. As new innovations are continually being discovered, researchers and practitioners in various areas of work need to stay up to date on the latest findings within interactive communication systems.

Innovative Perspectives on Interactive Communication Systems and Technologies is a collection of innovative research on the interdisciplinary methods of internet-based social interaction technologies and their impact on communicative practices in various professional fields. While highlighting topics including health communication, small group settings, and design philosophies, this book is ideally designed for industry experts, researchers, engineers, scientists, policymakers, practitioners, academicians, and students seeking research on modern advancements of interactive communication technologies through real-world applications.

ISBN: 9781799833550
Release Date: April, 2020
Copyright: 2020
Pages: 330

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Cultural Diversity
- Cybersecurity Issues
- Design Philosophies
- Ethical Issues
- Globalization
- Health Communication
- Marketing and Advertising
- Public Relations
- Small Group Settings
- Work Environments

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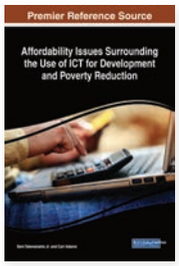
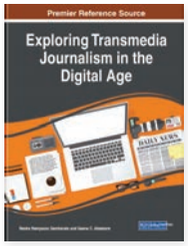


Affordability Issues Surrounding the Use of ICT for Development and Poverty Reduction
© 2018; 319 pp.



Exploring Transmedia Journalism in the Digital Age
© 2018; 348 pp.

新媒体在公关和广告中的应用研究手册

Part of the Advances in Multimedia and Interactive Technologies Book Series

Prof. Elif Esiyok (Atilim University, Turkey)

Description:

As competition between companies increases, the need for effective public relations and advertising campaigns becomes imperative to the success of the business. However, with the introduction of new media, the nature of these campaigns has changed. Today's consumers have more awareness and diversified ways to obtain knowledge, and through new media, they can provide feedback. An understanding of how to utilize new media to promote and sustain the reputation of an organization is vital for its continued success.

The **Handbook of Research on New Media Applications in Public Relations and Advertising** is a pivotal reference source that provides vital research on the application of new media tools for running successful public relations and advertising campaigns. While highlighting topics such as digital advertising, online behavior, and social networking, this book is ideally designed for public relations officers, advertisers, marketers, brand managers, communication directors, social media managers, IT consultants, researchers, academicians, students, and industry practitioners.

Topics Covered:

- Augmented Reality
- Corporate Social Responsibility
- Digital Advertising
- Digital Storytelling
- Journalism
- Online Behavior
- Political Advertising
- Political Consumerism
- Social Media
- Social Networking

ISBN: 9781799832010
Release Date: August, 2020
Copyright: 2021
Pages: 572

Pricing:

Hardcover: US $265.00
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© 2018; 160 pp.

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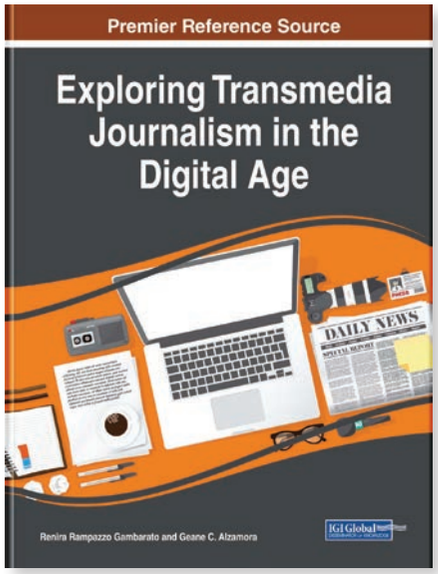

探索数字时代的跨媒体新闻

Part of the Advances in Multimedia and Interactive Technologies Book Series

Profs. Renira Rampazzo Gambarato (National Research University Higher School of Economics, Russia) and Geane C. Alzamora (Federal University of Minas Gerais, Brazil)

ISBN: 9781522537816
Release Date: February, 2018
Copyright: 2018
Pages: 348

Pricing:

Hardcover: US $195.00
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Description:

Since the advent of digitization, the conceptual confusion surrounding the semantic galaxy that comprises the media and journalism universes has increased. Journalism across several media platforms provides rapidly expanding content and audience engagement that assist in enhancing the journalistic experience.

Exploring Transmedia Journalism in the Digital Age provides emerging research on multimedia journalism across various platforms and formats using digital technologies. While highlighting topics, such as immersive journalism, nonfictional narratives, and design practice, this book explores the theoretical and critical approaches to journalism through the lens of various technologies and media platforms. This book is an important resource for scholars, graduate and undergraduate students, and media professionals seeking current research on media expansion and participatory journalism.

Topics Covered:

- Advertising
- Cross-Media
- Design Practice
- Immersive Journalism
- Investigative Journalism
- Journalism Project Design
- Media Crises
- Multi-Channel Structures
- Newsworthiness Criteria
- Nonfictional Narratives
- Planned Event Journalism
- Serial Podcast
- Social Media
- Urban Fabric
- Viral News
- Virtual Reality

"In short, this collection is at the ***cutting-edge of transmedia studies*** *right now, and the sheer* ***breath and innovation at the heart of each chapter*** *speaks of the way in which we have come full circle in terms of thinking about transmedia's potential."*
- Prof. Matthew Freeman (Bath Spa University, UK)

关于本书编辑：

Dr. Renira Rampazzo Gambarato is Assistant Professor in the Faculty of Communications, Media and Design at the National Research University Higher School of Economics, in Moscow, Russia. Her Post-doctorate in Film Studies is from Concordia University, Canada and she holds a PhD in Communication and Semiotics from Pontifical Catholic University of São Paulo, Brazil; a MA in Communication and Semiotics also from Pontifical Catholic University of São Paulo and a BA in Industrial Design from São Paulo State University, Brazil.

Dr. Geane Carvalho Alzamora is Professor in the Social Communication Department at the Federal University of Minas Gerais, Brazil and Researcher of CNPq, Brazil (CNPq Productivity Scholarship, process: 311914/2016). Her Post-doctorate is from Pompeu Fabra University, Spain. She holds a PhD in Communication and Semiotics from Pontifical Catholic University of São Paulo, Brazil; a MA in Communication and Semiotics also from Pontifical Catholic University of São Paulo and a BA in Journalism from Pontifical Catholic University of Minas Gerais, Brazil.

Hear From the Experts on this Title:

"This book addresses the current empirical-conceptual context of transmedia journalism in several theoretical-methodological approaches. These contributions, written by ***international experts*** *in the field,* ***delineate a global panorama of transmedia*** *journalism by situating general features, empirical specificities, trajectories, and tendencies."*
- Profs. Renira Rampazzo Gambarato (National Research University Higher School of Economics, Russia) and Geane C. Alzamora (Federal University of Minas Gerais, Brazil)

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Chapter 10: Future of Food: Transmedia Strategies of National Geographic Prof. Alexander Godulla, University of Leipzig, Germany, et al.	**Chapter 11: The Transmedia Revitalization of Investigative Journalism: Opportunities and Challenges of the Serial Podcast** Prof. Colin Porlezza, University of Zurich, Switzerland, et al.
Chapter 12: Potential Mediations of Hashtags Within Transmedia Journalism Prof. Luciana Andrade Gomes Bicalho, Federal University of Minas Gerais, Brazil	**Chapter 14: The Transmedia Script for Nonfictional Narratives** Prof. Anahí Lovato, National University of Rosario, Argentina

Related Books

Handbook of Research on Contemporary Storytelling Methods Across New Media and Disciplines
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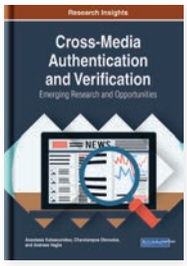
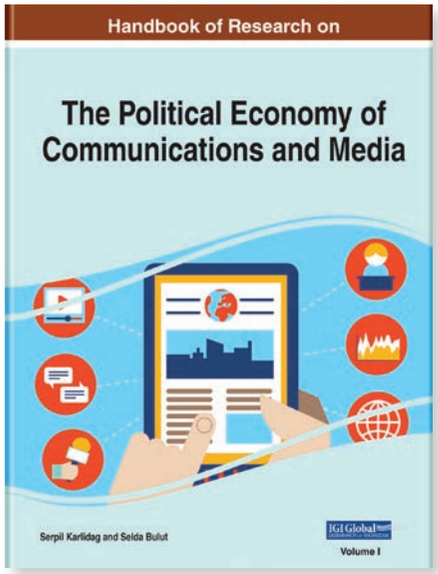
Handbook of Research on the Global Impacts and Roles of Immersive Media
© 2020; 539 pp.

Handbook of Research on Media Literacy Research and Applications Across Disciplines
© 2019; 433 pp.



Cross-Media Authentication and Verification: Emerging Research and Opportunities
© 2019; 213 pp.



传播与媒体政治经济学研究手册

Part of the Advances in Wireless Technologies and Telecommunication Book Series

Profs. Serpil Karlidag (Baskent University, Turkey) and Selda Bulut (Ankara Haci Bayram Veli University, Turkey)

ISBN: 9781799832706
Release Date: March, 2020
Copyright: 2020
Pages: 404

Pricing:

Hardcover: US $195.00
E-Book: US $195.00

Description:

The political economy deals with the structure of production and the social relations of people in production. With its focus on structures and practices, the political economy also analyzes the contradictions of capitalism and suggests resistance and intervention strategies using methods from history, economics, sociology, and political science. The dominant commercial media in capitalism operates both as a product of economic and political structure and as an industrial institution with economic and political functions.

The **Handbook of Research on the Political Economy of Communications and Media** is a collection of innovative research on new approaches in the political economy of communication in the process of globalization. While highlighting topics including consumer behavior, news production, and public relations, this book is ideally designed for newscasters, broadcasters, journalists, marketers, advertisers, production managers, researchers, industry professionals, academics, and students seeking to extend the border of standard political economy of communication studies into relatively undiscovered areas.

Topics Covered:

- Alternative Media
- Consumer Behavior
- Content Analysis
- Cyber Racism
- Journalism
- Mainstream Media
- Mass Communication
- News Production
- Public Relations
- Social Media

This Book is Included in:

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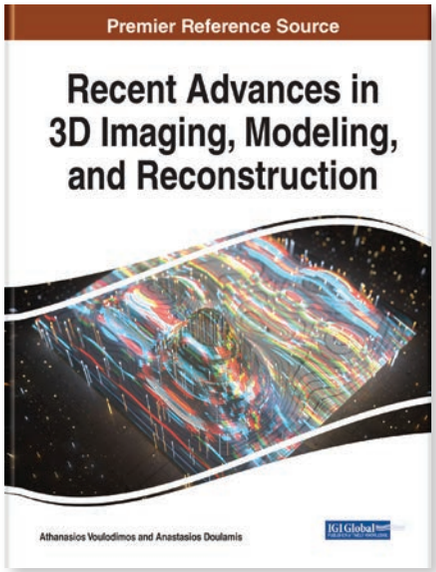

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3D image reconstruction is used in many fields, such as medicine, entertainment, and computer science. This highly demanded process comes with many challenges, such as images becoming blurry by atmospheric turbulence, getting snowed with noise, or becoming damaged within foreign regions. It is imperative to remain well-informed with the latest research in this field.

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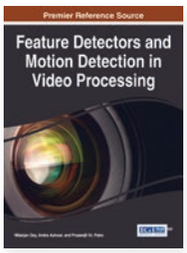

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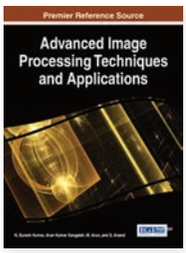

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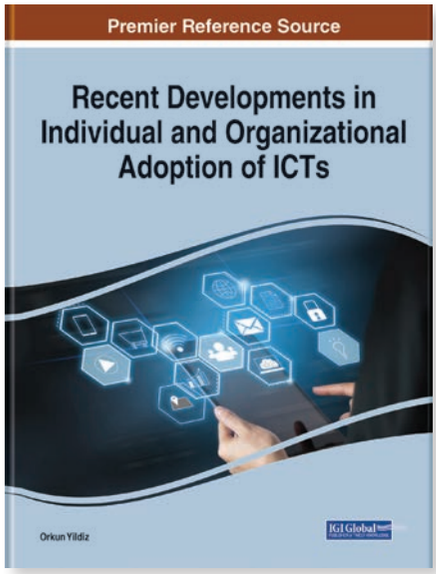

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Description:

In recent years, information and communication technologies (ICTs) have gained significant importance and become vital to the operations of both organizations and individuals. However, there are numerous factors that have affected the adoption of ICTs including access and accessibility barriers, political participation, and social empowerment. This has attracted the attention of researchers who are interested in understanding the socioeconomic influences of ICT adoption and how these technologies impact the infrastructure of modern organizational activities.

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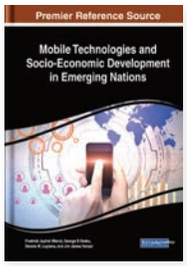

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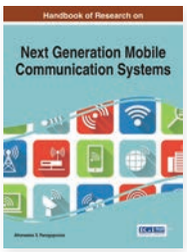

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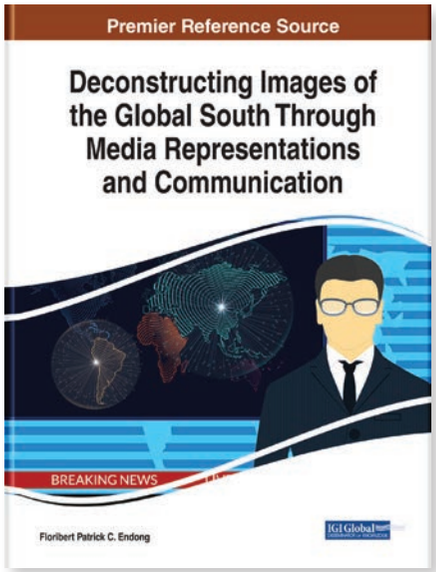

Description:

The human condition has continued to improve phenomenally in today's world with the development of technology and medicine. This includes developing countries in areas such as Africa, Asia, and South America. Despite the emergence of economy, education, and infrastructure in these regions, media outlets continue to forego their advancements in favor of the negativities that plague these states such as poverty, hunger, and corruption. There is a need to research international media portrayals of the less developed world to ascertain the myth that these areas are still struggling.

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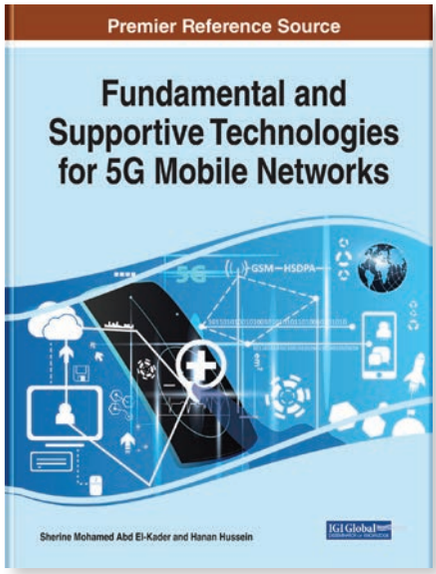

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Profs. Sherine Mohamed Abd El-Kader (Electronics Research Institute, Egypt) and Hanan Hussein (Electronics Research Institute, Egypt)

Description:

Mobile wireless communication systems have affected every aspect of life. By providing seamless connectivity, these systems enable almost all the smart devices in the world to communicate with high speed throughput and extremely low latency. The next generation of cellular mobile communications, 5G, aims to support the tremendous growth of interconnected things/devices (i.e., internet of things [IoT]) using the current technologies and extending them to be used in higher frequencies to cope with the huge number of different devices. In addition, 5G will provide massive capacity, high throughput, lower end-to-end delay, green communication, cost reduction, and extended coverage area.

Fundamental and Supportive Technologies for 5G Mobile Networks provides detailed research on technologies used in 5G, their benefits, practical designs, and recent challenges and focuses on future applications that could exploit 5G network benefits. The content within this publication examines cellular communication, data transmission, and high-speed communication. It is designed for network analysts, IT specialists, industry professionals, software engineers, researchers, academicians, students, and scientists.

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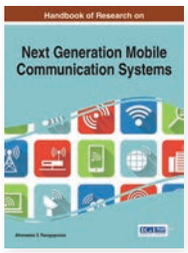

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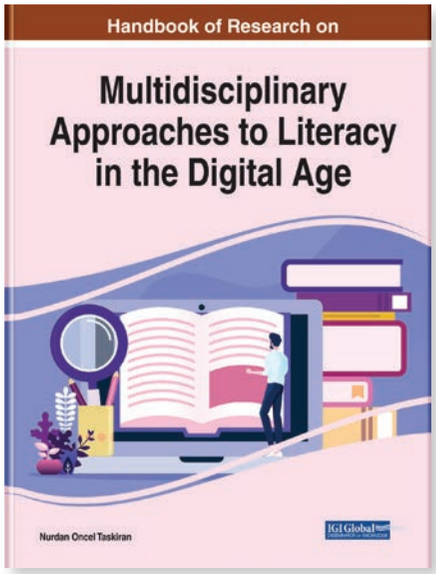

Description:

The fast pace of technology in this day and age has made it difficult for individuals to stay informed without becoming lost in the folds of an information overload. Methods used to narrow down information are becoming just as important as providing the information to be discovered.

The **Handbook of Research on Multidisciplinary Approaches to Literacy in the Digital Age** is a pivotal reference source that provides vital research on the significance of being literate in the age of speed and technology. While highlighting topics such as e-advertising, mobile computing, and visual culture, this publication explores the major issues society has in the information age and the methods of innovative achievements of public or private institutions. This book is ideally designed for researchers, academicians, teachers, and business managers seeking current research on a variety of social sciences in terms of the digital age.

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- Film Language
- International Marketing
- Mobile Computing
- Multimedia Technology
- Religious Culture
- Research Strategies
- Universal Health
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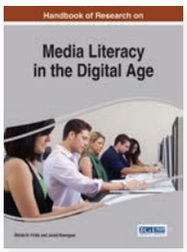

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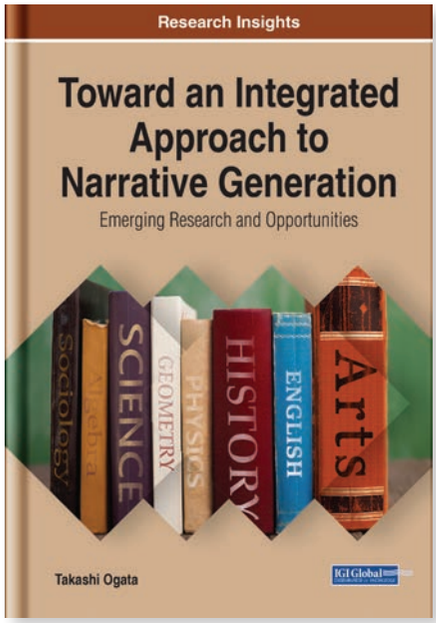

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Description:

The concept of narrative has exerted a strong influence on a wide range of fields, from the humanities such as literature (and art and entertainment) to social studies, psychiatry, and psychology. The framework that allows access to narratives across a wide range of areas, from science to the humanities, has the potential to be improved as a fusion of cognitive science and artificial intelligence.

Toward an Integrated Approach to Narrative Generation: Emerging Research and Opportunities is a critical scholarly book that focuses on the significance of narratives and narrative generation in various aspects of human society. Featuring an array of topics such as philosophy, narratology, and advertising, this book is ideal for software developers, academicians, philosophy professionals, researchers, and students in the fields of cognitive studies, literary studies, and digital content design and development.

Topics Covered:

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- Genres
- Integrated Approaches
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Description:

In today's culture, media outlets have as much influence on the general public as ever. Migration is an issue that has sparked commentary throughout the globe, leading to many dissimilar viewpoints. These news systems have the ability to convey mass messages regarding these disputes, which could lead to a wide range of socio-cultural implications depending on the intent and nature of these reports.

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ISBN: 9781799802105
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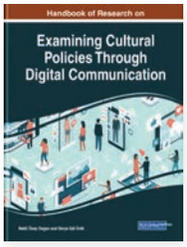

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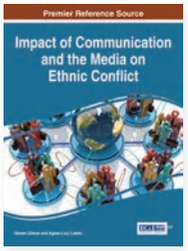

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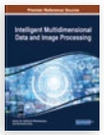

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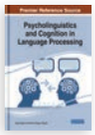

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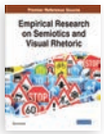

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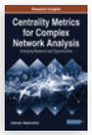

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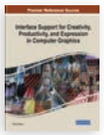

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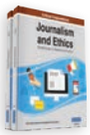

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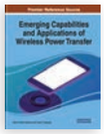

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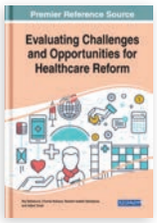

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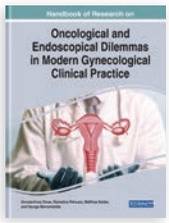

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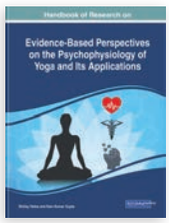

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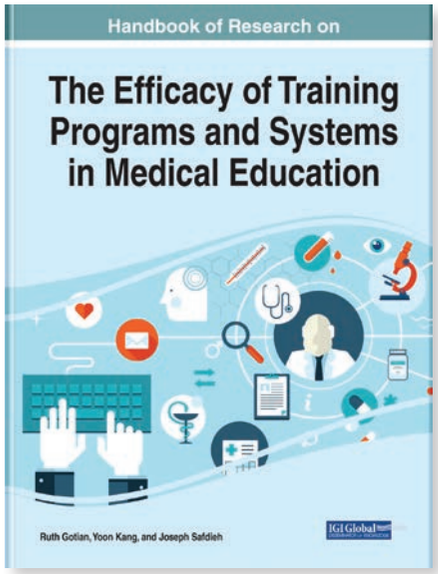

医学教育培训计划与系统有效性研究手册

Part of the Advances in Medical Education, Research, and Ethics Book Series

Profs. Ruth Gotian (Weill Cornell Medicine, USA), Yoon Kang (Weill Cornell Medicine, USA), and Joseph Safdieh (Weill Cornell Medicine, USA)

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"The book focuses on ***key considerations in the medical curriculum and content delivery****, such as lectures, blended learning, and simulations. It also* ***examines new methods of knowledge and skill transfer*** *and supporting ongoing professional identity development through mentoring and advising.* ***Diversification of the physician workforce*** *is explored, complete with preparatory programs and the challenges of hidden curricula."*
- Drs. Ruth Gotian, Yoon Kang, and Joseph Safdieh (Weill Cornell Medicine, USA)

关于本书编辑:

Ruth Gotian is the inaugural Assistant Dean of Mentoring and Executive Director of the newly launched Mentoring Academy at Weill Cornell Medicine. She is also the Chief Learning Officer in Anesthesiology and Assistant Professor of Education in Anesthesiology. Dr. Gotian received her doctorate in Adult Learning and Leadership from Teachers College Columbia University. Her B.S. and M.S.are in Business Management from the University at Stony Brook in New York. She also obtained certificates in Executive Leadership and Managing for Execution from Cornell University.

Yoon Kang, M.D. graduated from the University of Pennsylvania summa cum laude with a degree in economics and a concentration in finance from the Wharton School. She earned her M.D. from Washington University School of Medicine and completed both her internal medicine residency and Chief Residency at Barnes-Jewish Hospital. She subsequently became Director of Standardized Patient Programs at Washington University School of Medicine. When Weill Cornell implemented its new curriculum in 2014, Dr. Kang was named in 2015 to the newly created position of Assistant Dean, Clinical Curriculum. In January 2019, Dr. Kang took the role as Acting Senior Associate Dean, Education and formally appointed Senior Associate Dean, Education in December 2019. Dr. Kang is active in medical education at a national level, having participated in development programs (Harvard-Macy, AAMC), as a member of the 13-schoools Consortium and in committee leadership positions at the National Board of Medical Examiners. She has received numerous teaching awards from the student body and was previously selected as the White Coat Ceremony keynote speaker. She was also selected as a fellow in the 2019-2020 Class of the Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program, a program dedicated to preparing senior women faculty at schools of medicine, dentistry and public health to effect sustained positive change as institutional leaders.

Joseph E. Safdieh is currently the Lewis and Rachel Rudin Foundation Education Scholar, Assistant Dean – Clinical Curriculum, Vice Chairman for Education, and Associate Professor of Neurology at Weill Cornell Medicine. He received his bachelor degree in neuroscience, summa cum laude, from the College of Arts and Science of New York University. He received his medical degree (MD) from the New York University School of Medicine, where he received the Alpha Omega Alpha Award for graduating first in his class. He completed his neurology residency training at the Weill Cornell Campus of New York Presbyterian Hospital, where he also served as Chief Resident in the Department of Neurology. Dr. Safdieh is a member of Phi Beta Kappa and Alpha Omega Alpha, the medical honors societies. Dr. Safdieh is the director of the medical student Neurology Clerkship for the Weill Cornell Medical College, and has been in this role since 2007. He is well-respected as an innovative medical educator, and has developed numerous curricula for the teaching of neurology to both medical students and other physicians. He has been recognized for his excellence in medical student education locally, nationally, and internationally. Dr. Safdieh is currently editor-in-chief of Neurology Today, the official news source of the American Academy of Neurology.

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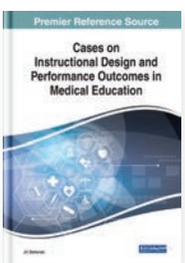

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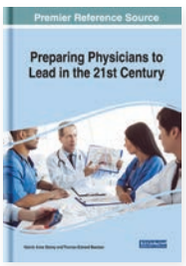

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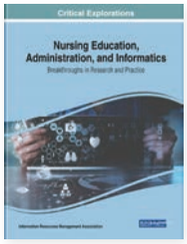

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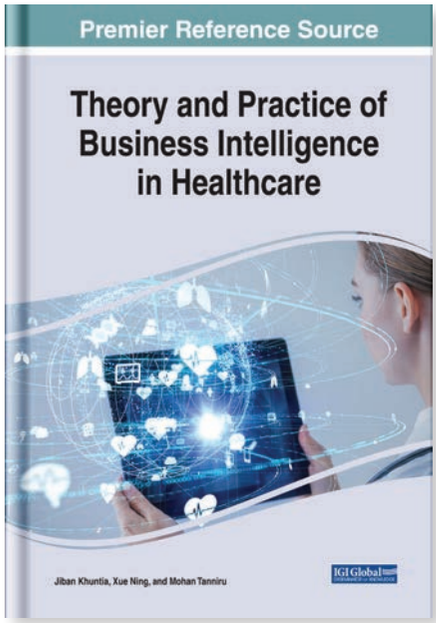

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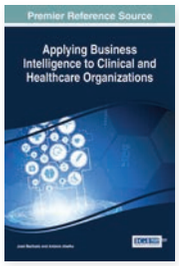

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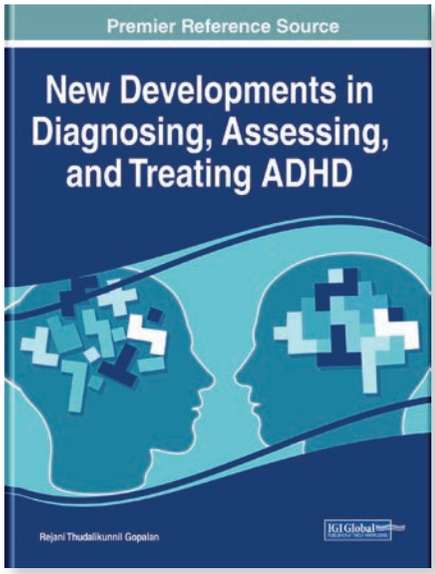

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It seems as though each day more children are diagnosed with attention-deficit/hyperactivity disorder (ADHD). ADHD causes challenges not only for the patient but also for their parents, siblings, teachers, and other significant people in their lives. They have an increased vulnerability to addiction and crime. Controversially, stimulants are the primary choice for treatment of ADHD in medical management, and the side effects of this long-term pharmacological management has raised many questions. Psychosocial management including parent training, behavior therapy, and educational inputs are also major components of treatment and should not be ignored. Thus, it is vital to explore the latest best practices for the diagnosis, assessment, and management of ADHD.

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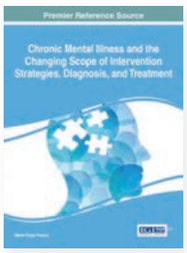

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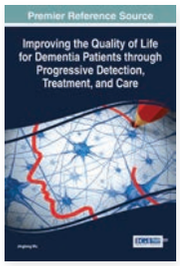

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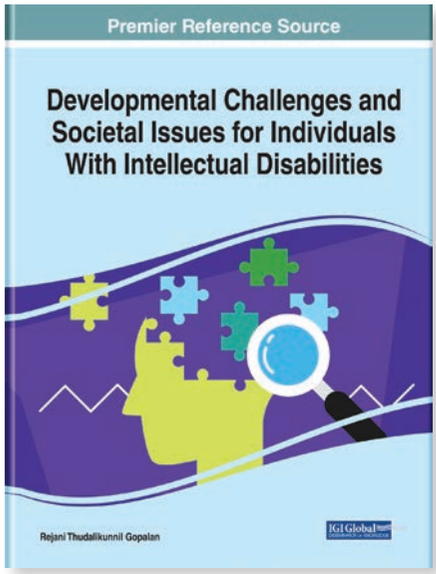

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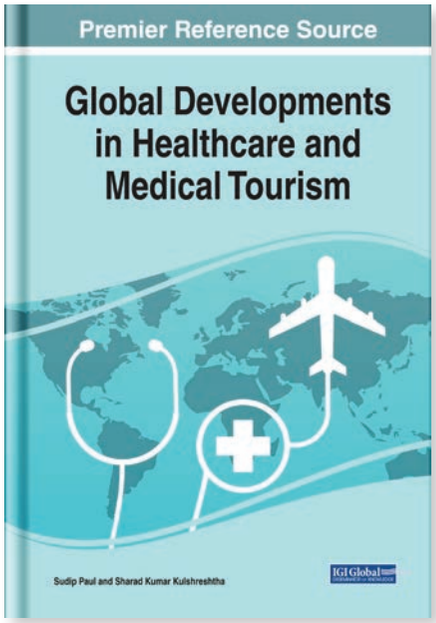
Part of the Advances in Hospitality, Tourism, and the Services Industry Book Series

Profs. Sudip Paul (North-Eastern Hill University, India) and Sharad Kumar Kulshreshtha (North-Eastern Hill University, India)



Description:

The outbreak of global health issues due to rapid urbanization, industrialization, and changing climatic conditions are severely impacting health and lifestyle. Yet, healthcare and medical services continue to increase in cost in developed nations. This can result in medical tourism, wherein patients travel across countries in order to benefit from medical treatment that might not be accessible in the traveler's nation of origin. Developing countries are prepared to capitalize on this growing industry by offering multi-specialty healthcare hospitals, cost-effective treatments, and the promotion of online medical consultancy.

Global Developments in Healthcare and Medical Tourism provides innovative insights into issues impacting healthcare services, healthcare service providers, government policies, and initiatives for health reforms and explores low-cost medical tourism destinations and practices. The book additionally seeks to deliver high-quality, cost-efficient smart healthcare applications. The content within this publication examines global health, wellness tourism, and global business and is designed for students, researchers, academicians, policymakers, government officials, medical practitioners, and industry professionals.

ISBN: 9781522597872
Release Date: November, 2019
Copyright: 2020
Pages: 341

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Global Business
- Global Health
- Government Policy
- Mental Health
- Patient Health
- Private Healthcare
- Smart Technology
- Stress Management
- Sustainable Business
- Wellness Tourism

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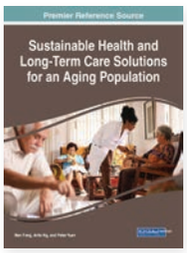
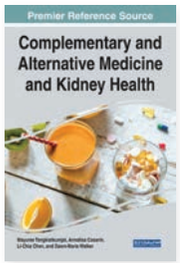


Sustainable Health and Long-Term Care Solutions for an Aging Population
© 2018; 441 pp.



Complementary and Alternative Medicine and Kidney Health
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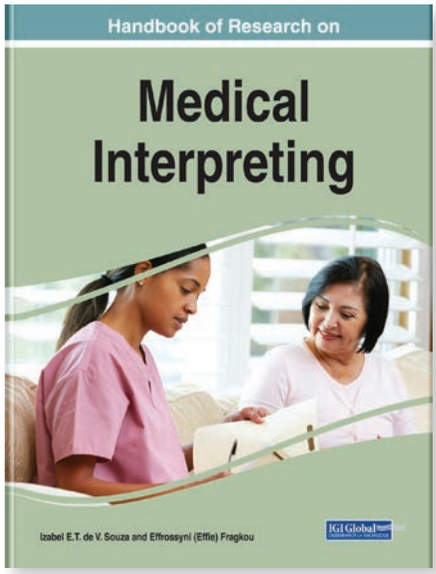

医学口译研究手册

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Profs. Izabel E.T. de V. Souza (Osaka University, Japan) and Effrossyni (Effie) Fragkou (National and Kapodistrian University of Athens, Greece)

Description:

Providing efficient and safe healthcare services is tenuous even at the best of times. Hospital staff who must also circumnavigate language barriers are placed in problematic, perhaps disastrous, situations if they have not received the proper training.

The **Handbook of Research on Medical Interpreting** is a compendium of essential reference material discussing the educational, ethical, pedagogical, and specialized aspects of medical interpreting. Featuring research on topics such as patient care, competent healthcare, and specialized training, this book is ideally designed for hospital staff, healthcare administrators, medical specialists, professional interpreters, industry professionals, academicians, researchers, and students seeking coverage on a new, international perspective to the medical sciences.

ISBN: 9781522593089
Release Date: December, 2019
Copyright: 2020
Pages: 511

Pricing:

Hardcover: US $345.00
E-Book: US $345.00

Topics Covered:

- Competent Healthcare
- Healthcare Administration
- Intercultural Mediation
- Medical Education
- Mental Health
- Patient Care
- Patient Safety
- Sight Translation
- Specialized Training
- Violence Victims

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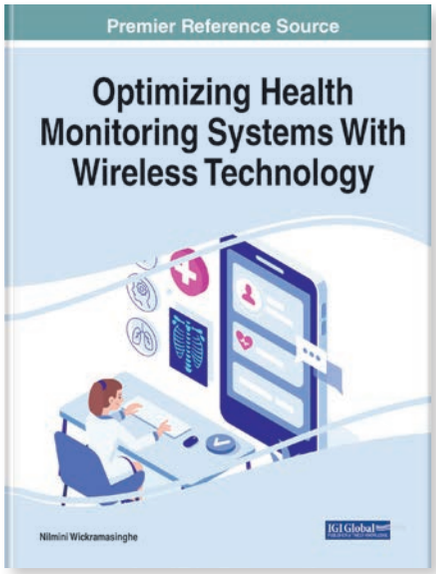
Prof. Nilmini Wickramasinghe (Swinburne University of Technology, Australia & Epworth HealthCare, Australia)



Description:

The digital transformation of healthcare delivery is in full swing. Health monitoring is increasingly becoming more effective, efficient, and timely through mobile devices that are now widely available. This, as well as wireless technology, is essential to assessing, diagnosing, and treating medical ailments. However, systems and applications that boost wellness must be properly designed and regulated in order to protect the patient and provide the best care.

Optimizing Health Monitoring Systems With Wireless Technology is an essential publication that focuses on critical issues related to the design, development, and deployment of wireless technology solutions for healthcare and wellness. Highlighting a broad range of topics including solution evaluation, privacy and security, and policy and regulation, this book is ideally designed for clinicians, hospital directors, hospital managers, consultants, health IT developers, healthcare providers, engineers, software developers, policymakers, researchers, academicians, and students.

Topics Covered:

- Acute Care
- Case Studies
- Connected Care
- Disease Detection
- Health 4.0
- Machine Learning
- Mobile Health
- Mobile Monitoring
- Mobile Solution Evaluation
- Patient Monitoring
- Predictive Modeling
- Privacy and Security
- Telemedicine
- Wearable Devices

ISBN: 9781522560678
Release Date: December, 2020
Copyright: 2021
Pages: 300

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

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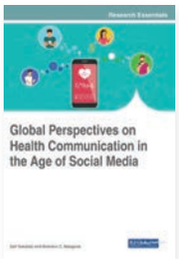

Global Perspectives on Health Communication in the Age of Social Media
© 2018; 348 pp.

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© 2016; 378 pp.

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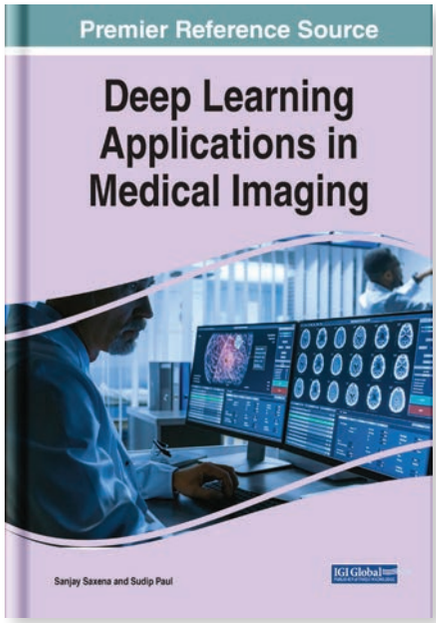

医学影像学中的深度学习应用

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. Sanjay Saxena (International Institute of Information Technology, India) and Sudip Paul (North-Eastern Hill University, India)

ISBN: 9781799850717
Release Date: October, 2020
Copyright: 2021
Pages: 274

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

Before the modern age of medicine, the chance of surviving a terminal disease such as cancer was minimal at best. After embracing the age of computer-aided medical analysis technologies, however, detecting and preventing individuals from contracting a variety of life-threatening diseases has led to a greater survival percentage and increased the development of algorithmic technologies in healthcare.

Deep Learning Applications in Medical Imaging is a pivotal reference source that provides vital research on the application of generating pictorial depictions of the interior of a body for medical intervention and clinical analysis. While highlighting topics such as artificial neural networks, disease prediction, and healthcare analysis, this publication explores image acquisition and pattern recognition as well as the methods of treatment and care. This book is ideally designed for diagnosticians, medical imaging specialists, healthcare professionals, physicians, medical researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Artificial Neural Networks
- Computer-Aided Diagnosis
- Critical Care
- Disease Detection Techniques
- Disease Prediction
- Healthcare Analysis
- Image Analysis
- Machine Learning
- Medical Data

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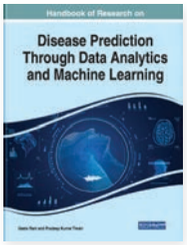
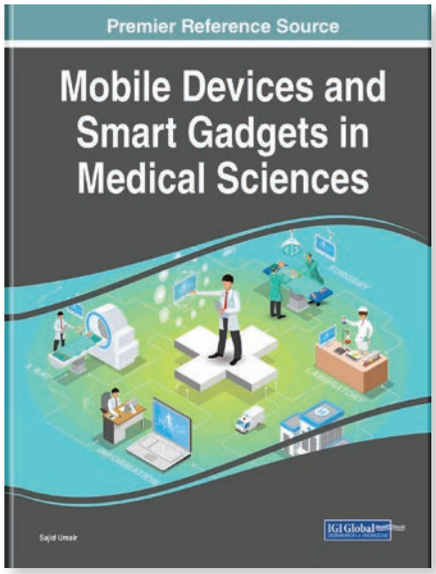


Handbook of Research on Disease Prediction Through Data Analytics and Machine Learning
© 2021; 400 pp.

医学中的移动设备和智能设备

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Prof. Sajid Umair (The University of Agriculture, Peshawar, Pakistan)



Description:

Each day, new applications and methods are developed for utilizing technology in the field of medical sciences, both as diagnostic tools and as methods for patients to access their medical information through their personal gadgets. However, the maximum potential for the application of new technologies within the medical field has not yet been realized.

Mobile Devices and Smart Gadgets in Medical Sciences is a pivotal reference source that explores different mobile applications, tools, software, and smart gadgets and their applications within the field of healthcare. Covering a wide range of topics such as artificial intelligence, telemedicine, and oncology, this book is ideally designed for medical practitioners, mobile application developers, technology developers, software experts, computer engineers, programmers, ICT innovators, policymakers, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Data Provenance
- Human Nutrition
- Human-Computer Interaction
- Machine Learning in Healthcare
- Medical Imaging
- Mobile Health
- Oncology
- Pediatrics
- Smart Healthcare
- Telemedicine

ISBN: 9781799825210
Release Date: February, 2020
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Pages: 363

Pricing:

Hardcover: US $245.00
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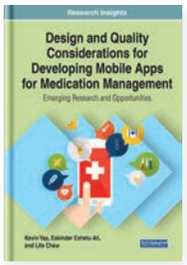

Design and Quality Considerations for Developing Mobile Apps for Medication Management: Emerging Research and Opportunities
© 2021; 256 pp.

Optimizing Assistive Technologies for Aging Populations
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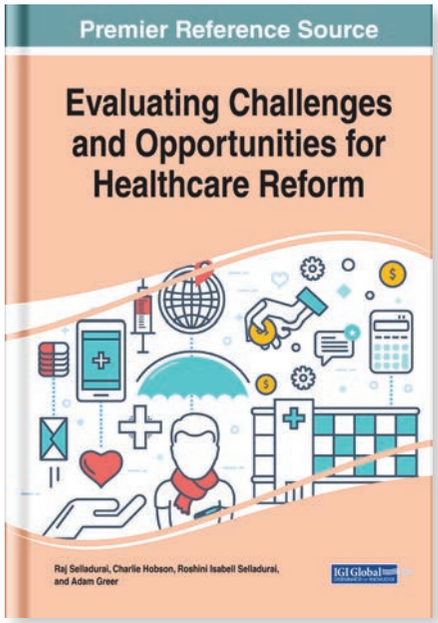

评估医疗改革的挑战和机遇

Part of the Advances in Healthcare Information Systems and Administration Book Series

Profs. Raj Selladurai (Indiana University Northwest, USA), Charlie Hobson (Indiana University Northwest, USA), Roshini Isabell Selladurai (In His Image Family Medicine Residency, Ascension St. John Medical Center, USA), and Adam Greer (Ascension St. John Medical Center, USA)

ISBN: 9781799829492
Release Date: February, 2020
Copyright: 2020
Pages: 287

Pricing:

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Description:

Healthcare reform in the United States is a significant, strongly debated issue that has been argued since the early 1900s. Though this issue has been in circulation for decades, by integrating various new models and approaches, a more sustainable national healthcare system can perhaps be realized.

Evaluating Challenges and Opportunities for Healthcare Reform presents comprehensive coverage of the development of new models of healthcare systems that seek to create sustainable and optimal healthcare by improving quality and decreasing cost. While highlighting topics including high-value care, patient interaction, and sustainable healthcare, this book is ideally designed for government officials, policymakers, lawmakers, scholars, physicians, healthcare leaders, academicians, practitioners, and students and can be used to help all interested stakeholders to make well-informed decisions related to healthcare reform and policy development for the United States and beyond, as well as to help all individuals and families in their decisions related to choices of optimal healthcare plans.

Topics Covered:

- Alternative Healthcare Models
- Corporate Partnerships
- E-Health
- Health Economics
- Healthcare Delivery
- High-Value Care
- Hybrid Healthcare Model
- Leadership Intelligence
- Medical Education
- Medicine Cost Analysis
- Patient Interaction
- Pharmaceutical Manufacturers
- Professionalism Competency
- Sustainable Healthcare
- Telemedicine
- Wellness Programs

"This compendium of articles, studies and meta-reviews of the problem, and national/international solution attempts to present the reader with ***a host of fresh, new ideas about the scope of the healthcare reform problem****. They show where we have been ineffective, where we have had some success and several solution alternatives that have been successful in other countries from which we may learn. I* ***strongly recommend this book*** *to anyone wishing a better understanding of some of the most basic, underlying issues."*

- Drs. Ruth Gotian, Yoon Kang, and Joseph Safdieh (Weill Cornell Medicine, USA)

关于本书编辑：

Raj Selladurai is an Associate Professor of Management in the School of Business and Economics at Indiana University Northwest. He also serves as Small Business Institute (SBI) Director for the School of Business and Economics. He has owned and managed a consulting business in the energy industry and other related areas. His research interests focus on the areas of servant leadership, business-healthcare collaboration, leadership effectiveness, operations and supply chain management, and high-speed rail and supply chain management…View Full Biography.

"This book represents ***a fresh look*** *at many of the issues emerging to* ***improve the health care "system"*** *in the United States. Chapter topics include some* ***new and innovative ideas*** *about how to improve medical education of physicians, foster teamwork and "interprofessionality" to improve patient care, adopt best practices from the health care systems of other countries, new ways to reduce costs and finance care, and challenges in healthcare delivery in rural and underdeveloped areas. All of these are* ***timely and interesting*** *reviews of what has been, what we have, and what might be in improving our complex, chaotic, and difficult to understand system of health care delivery and financing."*
- Pat Bankston, PhD, Indiana University, USA

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Chapter 5: The Economics of Health: An Overview of the American Healthcare System Prof. Sean Michael Haas, The University of Texas at Dallas, USA Prof. Sanjana Janumpally, The University of Texas at Dallas, USA Prof. Brendan Lamar Kouns, The University of Texas at Dallas, USA	**Chapter 6: Maturing an Information Technology Privacy Program: Assessment, Improvement, and Change Leadership** Prof. Mike Gregory, Community Healthcare System, USA Prof. Cynthia Roberts, School of Business and Economics, Indiana University Northwest, USA
Chapter 7: Healthcare Reform: A Dire Need to Retool the System Prof. Abburi Anil Kumar, Prairie View A&M University, USA	**Chapter 9: Interprofessionality: A Pathway to a More Sustainable National Healthcare System** Prof. Chidiebele Constance Obichi, Indiana University Northwest, USA Prof. April D. Newton, Indiana University, USA Prof. Ukamaka Marian Oruche, Indiana University, USA
Chapter 10: Overview of Professionalism Competence: Bringing Balance to the Medical Education Continuum Prof. Barry A. Doublestein, Regent University, USA Prof. Walter T. Lee, Duke University Medical School, USA Prof. Richard M. Pfohl, Leadership Peaks, LLC, USA	**Chapter 11: Professionalism Competence: Its Role in Bringing About High-Value Care – A Case Study** Prof. Barry A. Doublestein, Regent University, USA Prof. Walter T. Lee, Duke University Medical School, USA Prof. Richard M. Pfohl, Leadership Peaks, LLC, USA

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© 2019; 1,594 pp.

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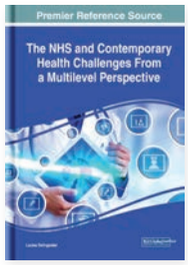

The NHS and Contemporary Health Challenges From a Multilevel Perspective
© 2020; 261 pp.

优化医疗管理技术研究手册

Part of the Advances in Healthcare Information Systems and Administration Book Series

Prof. Nilmini Wickramasinghe (Swinburne University of Technology, Australia & Epworth HealthCare, Australia)

ISBN: 9781799813712
Release Date: December, 2019
Copyright: 2020
Pages: 431

Pricing:

Hardcover: US $365.00
E-Book: US $365.00

Description:

Healthcare is noted for using leading-edge technologies and embracing new scientific discoveries to enable better cures for diseases and better means to enable early detection of most life-threatening diseases. However, the healthcare industry globally, and in the US specifically, has been extremely slow to adopt technologies that focus on better practice management and administrative needs. Presently, healthcare is grappling with many challenges both nationally and globally, including escalating costs, a move to a preventative care environment, and a technologically savvy patient with high expectations.

The **Handbook of Research on Optimizing Healthcare Management Techniques** is a pivotal reference source that provides an extensive and rich compilation of various ICT initiatives and examines the role that ICT plays and will play in the future of healthcare delivery. It represents ways in which healthcare delivery can be made superior and the healthcare industry can begin to address the major challenges it faces in the 21st century so that ultimately the most important person in the web of healthcare players, the patient, can be confident about receiving high-quality, cost-effective healthcare. While highlighting topics such as e-health, medical informatics, and patient value, this publication explores the role of supportive technologies as well as the methods of focused, patient-centric outcomes.

Topics Covered:

- Crowdsourcing
- Data Analytics
- E-Health
- Healthcare Delivery
- Medical Informatics
- Medical Technologies
- Mental Health
- Patient Value
- Predictive Analysis
- Risk Detection

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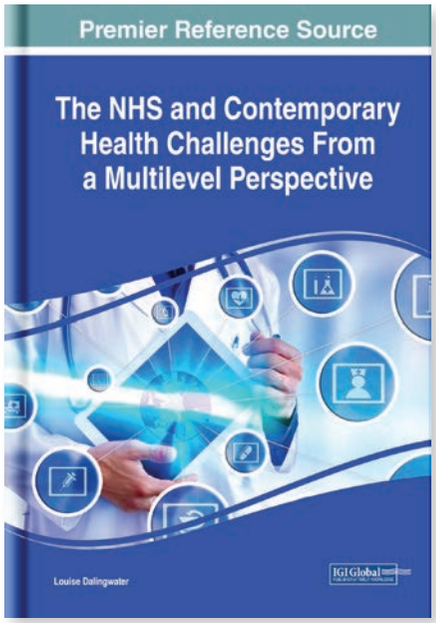
© 2017; 825 pp.

E-Health and Telemedicine: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2016; 1,759 pp.

多层次剖析NHS与当代健康挑战

Part of the Advances in Healthcare Information Systems and Administration Book Series

Prof. Louise Dalingwater (Sorbonne Université, France)



Description:

The National Health Service, or NHS, is the United Kingdom's national healthcare system. It oversees the public's health and ensures the medical wellbeing of the population of the UK. Governance network processes are complex because of the different nature of agendas and strategies of actors involved in health, but increasingly, because of the link between social and healthcare delivery, recent initiatives to provide a joined up or integrated approach have been presented. However, the extent of joined-up governance processes in the National Health Service is rather uneven. So far, reforms to try to improve the running of the NHS through the introduction of market mechanisms or increased decentralization have only served to exacerbate such tensions and resulted in further fragmentation of the public health system.

The NHS and Contemporary Health Challenges From a Multilevel Perspective illustrates the complexities of governing public health services that are part of the NHS and takes an innovative approach by examining public health provision through a multiscalar lens, which reveals significant limits of the current governance model. The book raises the various challenges that clinical staff, public authorities, and the general public face in the provision of healthcare to uphold core values inherent in health systems. While highlighting topics including health governance, patient satisfaction, and public health, this book is ideally designed for policymakers, government officials, healthcare administrators, hospital managers, healthcare researchers, medical professionals, and students.

ISBN: 9781799839286
Release Date: June, 2020
Copyright: 2020
Pages: 261

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Continuing Healthcare
- Funding Crisis
- Global Governance
- Health and Social Care Integration
- Health Policy
- Inequities
- Integrated Models of Care
- New Public Management (NPM)
- Person-Centered Care
- Privatization
- Rationing of Healthcare

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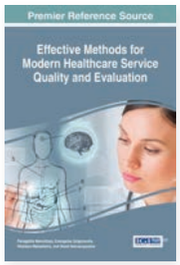
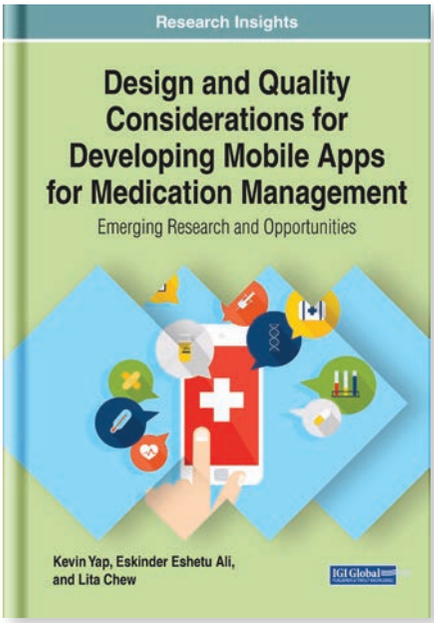


Effective Methods for Modern Healthcare Service Quality and Evaluation
© 2016; 315 pp.



开发用于药物管理的移动应用程序的设计和质量考量：新兴研究和机遇

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. Kevin Yap (La Trobe University, Australia), Eskinder Eshetu Ali (Addis Ababa University, Ethiopia), and Lita Chew (National University of Singapore, Singapore)

ISBN: 9781799838326
Release Date: July, 2020
Copyright: 2021
Pages: 256

Pricing:

Hardcover: US $225.00
E-Book: US $225.00

Description:

Medication management is an essential component of therapeutic success in the treatment of chronic diseases. However, patients who do not regularly take their prescribed medications are a primary concern of health systems worldwide. A significant proportion of patients on chronic medications fail to adhere to their treatments, and suboptimal adherence leads to dire clinical and financial consequences on the personal level. Moreover, non-adherence can adversely impact public healthcare costs and the clinical outcomes of patients.

Design and Quality Considerations for Developing Mobile Apps for Medication Management: Emerging Research and Opportunities is a collection of innovative research that combines theory and practice on optimizing strategies to improve medication adherence and overall health and wellbeing in patients through the design of usable and reliable mobile app-based systems. Highlighting a broad range of topics including pharmaceutical care, quality assessment, and health behavior frameworks, this book is ideally designed for clinicians, pharmacists, healthcare providers, programmers, software developers, researchers, academicians, and students.

Topics Covered:

- Application Development
- Health Behavior Frameworks
- Intervention
- M-Health
- Medication Adherence
- Medication Management
- Pharmaceutical Care
- Quality Assessment
- Technology Implementation
- User-Friendly Digital Design

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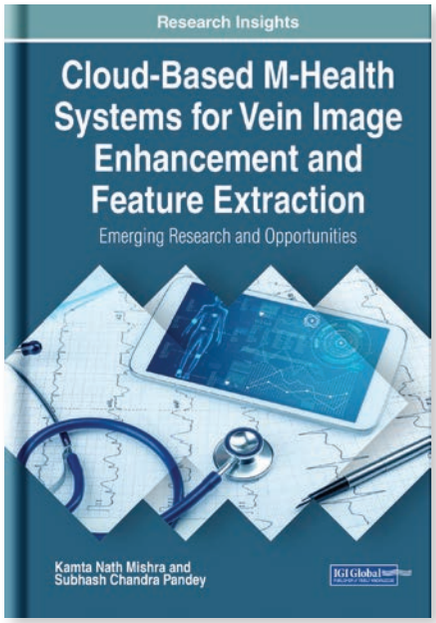
Profs. Kamta Nath Mishra (Birla Institute of Technology, India) and Subhash Chandra Pandey (Birla Institute of Technology, India)



Description:

Vein-based biological systems are highly useful for identification purposes since they cannot be stolen, duplicated, or washed out. These systems present opportunities in networking and cloud-based and internet of things systems as a more specific and accurate method of identification. However, while the concept is novel, the execution remains imperfect, and the current techniques to drive positive identification must be honed before implementation.

Cloud-Based M-Health Systems for Vein Image Enhancement and Feature Extraction: Emerging Research and Opportunities is an essential publication that examines the design and development of new digital identification tools. Featuring coverage of a broad range of topics including performance evaluation, algorithms, and design architecture, this book is ideally designed for clinicians, healthcare providers, programmers, software developers, doctors, academicians, researchers, and students.

Topics Covered:

- Cloud Computing
- Deep Learning
- Design Architecture
- Hardware Design
- Median Filters
- Natural Computing
- Performance Evaluation
- Segmentation Algorithms
- Thinning Algorithms
- Veins Algorithms

ISBN: 9781799845379
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Copyright: 2021
Pages: 246

Pricing:

Hardcover: US $195.00
E-Book: US $195.00

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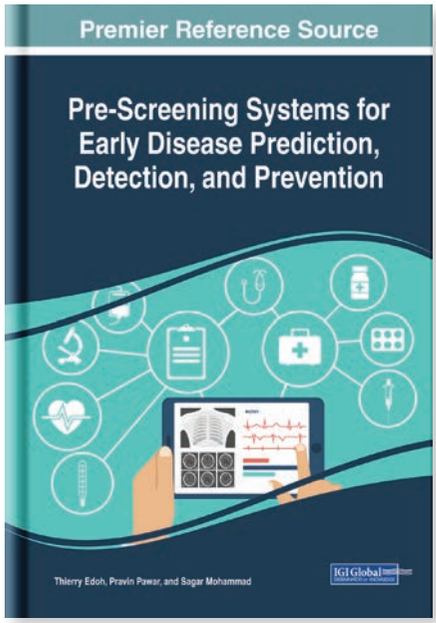

用于早期疾病预测、检测和预防的预筛选系统

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Thierry Edoh (Technical University of Munich, Germany), Pravin Pawar (Philips Research, India), and Sagar Mohammad (Philips Research, India)

ISBN: 9781522571315
Release Date: October, 2018
Copyright: 2019
Pages: 395

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

With the development of advanced screening procedures and techniques, certain limitations of the existing screening processes for disease methodologies and paradigms have been noted. More accurate and less invasive screening methods are needed to diagnose and treat health disorders and diseases before symptoms appear.

Pre-Screening Systems for Early Disease Prediction, Detection, and Prevention is a pivotal reference source that utilizes advanced ICT techniques to solve problems in health data collection, analysis, and interpretation, as well as improve existing health systems for the advanced screening of diseases. Using non-invasive biomedical sensor devices and internet of things technology, this book examines safer methods to accelerate disease detection and effectively treat patients while challenging previously used pre-screening processes. While highlighting topics such as the applications of machine learning, patient safety, diagnostics models, and condition management, this publication is ideally designed for healthcare specialists, researchers in health informatics, industry practitioners, and academics.

Topics Covered:

- Applications of Machine Learning
- Biomedical Sensors
- Body Area Network
- Clinical Decision Support Systems
- Condition Management
- De-Verticalization
- Diagnostics Models
- Evaluation Approaches
- Innovative Approaches
- IOT Screening
- M-Health
- Patient Safety

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高危妊娠的评估和管理：新兴研究和机遇

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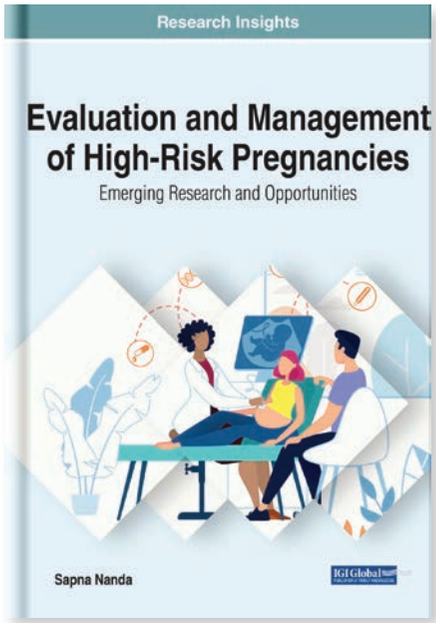
Prof. Sapna Nanda (Panjab University, India)



Description:

Complications during and after pregnancy and birth result in hundreds of thousands of deaths each year and can lead to lifelong health problems. Even with these complications, however, early detection and prenatal care can further reduce risk to the mother and baby. However, inadequate medical services, shortage of medical resources, and lack of or misinformation can hinder a woman's ability to successfully manage her pregnancy. This not only affects the health of the people immediately concerned and their families, but also has implications for global stability and the balance between population and resources.

Evaluation and Management of High-Risk Pregnancies: Emerging Research and Opportunities is a pivotal reference source that provides vital research on safeguarding mothers and babies through the availability of medical knowledge, cost-effective interventions, and the availability of widespread obstetric services. While highlighting topics such as labor complications, maternal mortality, and reproductive health, this publication explores exposure to sexually transmitted diseases as well as the methods of physical and mental healthcare. This book is ideally designed for obstetricians, gynecologists, world health organizations, policymakers, hospitals, health professionals, reproduction researchers, and physicians.

Topics Covered:

- Adolescent Health
- Developing Countries
- Global Health
- Health Policy
- Labor Complications
- Maternal Mortality
- Reproductive Health
- Reproductive Technology
- Sexual Health
- Women's Health

ISBN: 9781799843573
Release Date: July, 2020
Copyright: 2021
Pages: 216

Pricing:

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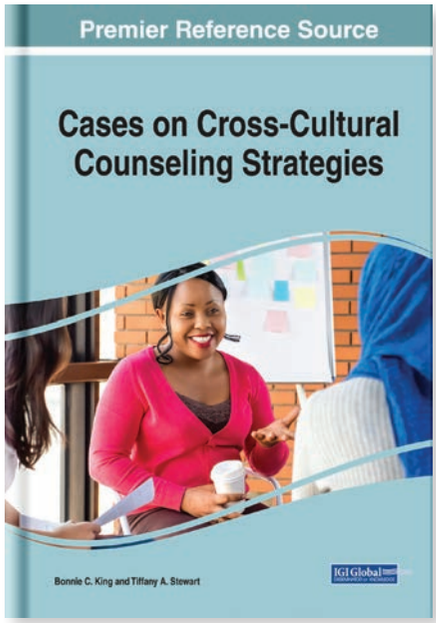

ISBN: 9781799800224
Release Date: August, 2019
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Pages: 380

Pricing:

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E-Book: US $245.00

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跨文化辅导策略案例

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Profs. Bonnie C. King (Midwestern State University, USA) and Tiffany A. Stewart (Midwestern State University, USA)

Description:

It is essential for counselors and counseling professionals to understand the impact of their personal biases and how these biases can impact the counseling process, in addition to respecting and honoring the beliefs of their clients. Communication and the sharing of experiences between counsellors is an effective strategy for perfecting methods to identify and address these biases.

Cases on Cross-Cultural Counseling Strategies is a comprehensive research book that explores creative healing approaches used by counselors working with diverse clients in a variety of geographical locations, developmental levels, and complex and varied identities. Each case study applies the Multicultural and Social Justice Counseling Competencies (MSJCCs) to the counseling relationship and looks at unique aspects of the client's identity, specific approaches taken by the counselor, and the outcomes of the counseling relationship. Featuring a broad range of topics such as higher education, international counseling, and gender bias in counseling, this book is ideal for counselors, therapists, psychologists, counselor educators, graduate students, practitioners, academicians, and researchers.

Topics Covered:

- Developmental Disabilities
- Ecology
- Gender Identity
- Higher Education
- Home Service Provision
- International Counseling
- LGBTQ+
- Muslim Americans
- Play Therapy
- School Advocacy

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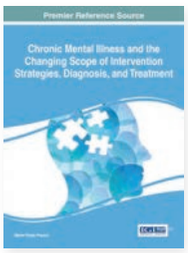
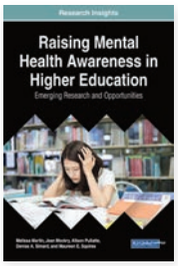


Chronic Mental Illness and the Changing Scope of Intervention Strategies, Diagnosis, and Treatment
© 2017; 404 pp.



Raising Mental Health Awareness in Higher Education: Emerging Research and Opportunities
© 2018; 136 pp.

当代社会的心理健康政策、实践和服务可及性

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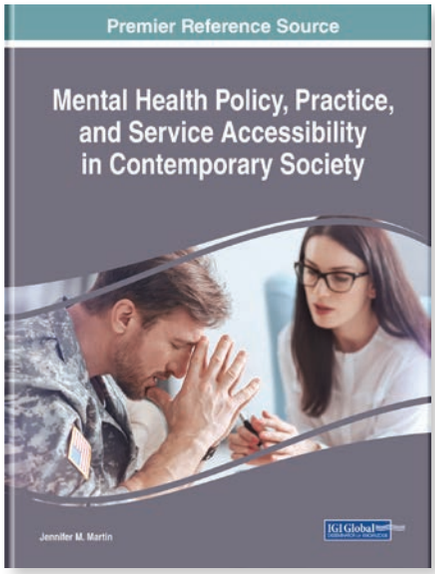
Prof. Jennifer M. Martin (Swinburne University, Australia)



Description:

Mental health and wellbeing has become an increasingly important issue that impacts communities in multiple ways. A critical discussion on the understanding and access of mental health services by people from diverse backgrounds is important to improving global healthcare practices in modern society.

Mental Health Policy, Practice, and Service Accessibility in Contemporary Society provides innovative insights into contemporary and future issues within the field of mental healthcare. The content within this publication represents the work of medical funding, social inclusion, and social work education. It is a vital reference source for post-graduate students, medical researchers, psychology professionals, sociologists, and academicians seeking coverage on topics centered on improving future practices in mental health and wellbeing.

ISBN: 9781522574026
Release Date: October, 2018
Copyright: 2019
Pages: 323

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Asylums
- Behavior Therapy
- Cross-Cultural Psychiatry
- Depression
- Healthcare Decision Making
- Medical Funding
- Personality Disorders
- Resource Allocation
- Risk Assessment
- Social Inclusion

*"Mental Health Policy, Practice, and Service Accessibility in Contemporary Society is framed by the World Health Organisation's Global Mental Health Action Plan: 2013-2020. According to the World Health Organisation (WHO), **one in four people in the world will experience 'a mental or neurological disorder'** at some point in their lives."*
- Prof. Jennifer M. Martin (Swinburne University, Australia)

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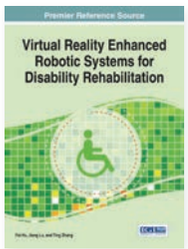

Virtual Reality Enhanced Robotic Systems for Disability Rehabilitation
© 2016; 383 pp.

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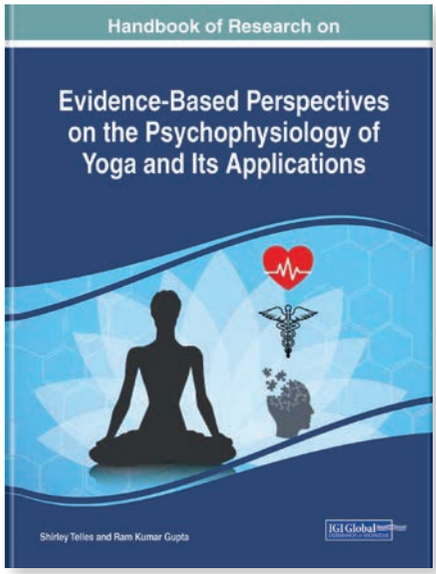

瑜伽心理生理学及其应用的循证观点

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Shirley Telles (Patanjali Research Foundation, India) and Ram Kumar Gupta (Patanjali Research Foundation, India)

ISBN: 9781799832546
Release Date: August, 2020
Copyright: 2021
Pages: 577

Pricing:

Hardcover: US $345.00
E-Book: US $345.00

Description:

While yoga was originally intended to be practiced for spiritual growth, there is an increasing interest in applying yoga in all areas of life. It is important to understand this ancient science and way of life through as many perspectives as possible (e.g., based on biomedical engineering). As its popularity and interest grows, more practitioners want to know about the proven physiological effects and uses in healthcare.

The **Handbook of Research on Evidence-Based Perspectives on the Psychophysiology of Yoga and Its Applications** provides research exploring the theoretical and practical aspects of yoga therapy and its physiological effects from diverse, evidence-based viewpoints. The book adds in-depth information regarding the (1) physiological effects of yoga; (2) neurobiological effects of yoga meditation; (3) psychological benefits related to yoga, such as mental wellbeing; (4) molecular changes associated with yoga practice; and (5) therapeutic applications (for lymphedema, mental health disorders, non-communicable diseases, attention deficit hyperactivity disorder, and trauma, among other conditions). Featuring coverage on a broad range of topics such as pain management, psychotherapy, and trauma treatment, this book is ideally designed for yoga practitioners, physicians, medical professionals, health experts, mental health professionals, therapists, counselors, psychologists, spiritual leaders, academicians, researchers, and students.

Topics Covered:

- Meditation
- Mental Health
- Pain Management
- Physical Wellbeing
- Psychotherapy
- Quality of Life
- Spirituality
- Stress Management
- Trauma Treatment
- Yoga Therapy

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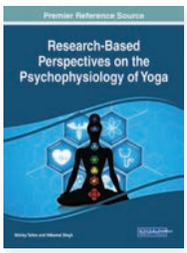
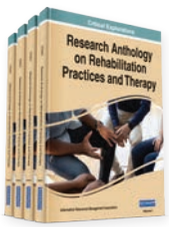


Research-Based Perspectives on the Psychophysiology of Yoga
© 2018; 456 pp.



Research Anthology on Rehabilitation Practices and Therapy (4 Vols.)
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数字医疗创新的机遇与挑战

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Prof. Kamaljeet Sandhu (University of New England, Australia)

Description:

Digital health has faced obstacles from poor IT systems implementation to lack of consumer acceptance. Very little is known about the management, development, and design of digital health projects, the level of IT adoption, and the role of digital leadership that is needed to successfully drive health projects. Digital health, if successfully implemented, offers tremendous opportunities in health data analytics for consumers of health services and service providers that include health information portability, personalization of health information by consumers, easy access and usefulness of health information, and better management of electronic data records by health institutions and the government. Research suggests that despite assurances provided to consumers, digital information security and digital health innovation have been a challenge and are only slowly being accepted.

Opportunities and Challenges in Digital Healthcare Innovation is an innovative research publication that identifies digital health innovation opportunities and obstacles and proposes frameworks and conceptual models for digital health innovation that empowers consumers of digital health to use the information to make informed decisions and choices. Highlighting topics such as data analytics, health regulations, and telehealth, this book is ideal for IT consultants, medical software developers, data scientists, hospital administrators, medical practitioners, policymakers, academicians, researchers, and students.

ISBN: 9781799832744
Release Date: June, 2020
Copyright: 2020
Pages: 261

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Artificial Intelligence
- Data Analytics
- Digital Health
- Electronic Health Records
- Health Policy
- Health Regulations
- Hospital Information Systems
- mHealth
- Patient Empowerment
- Patient Monitoring
- Telehealth
- Telemedicine
- Therapeutics
- Web Interface

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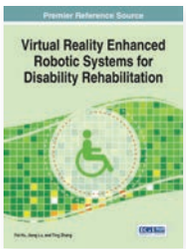

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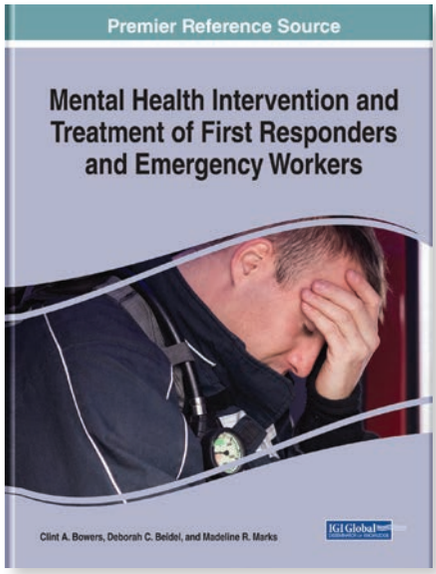

急救人员的心理健康干预及治疗

Part of the Advances in Psychology, Mental Health, and Behavioral Studies Book Series

Profs. Clint A. Bowers (University of Central Florida, USA), Deborah C. Beidel (University of Central Florida, USA), and Madeline R. Marks (University of Central Florida, USA)

ISBN: 9781522598039
Release Date: August, 2019
Copyright: 2020
Pages: 372

Pricing:

Hardcover: US $255.00
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Description:

The stress that comes with being a first responder has been known to lead to depression, anxiety, substance abuse, and suicide. However, few clinicians are informed about these health concerns and how to adequately treat them in this population. Therefore, there is an urgent need for practitioners to understand the latest information regarding treatments that will be useful to this specific population.

Mental Health Intervention and Treatment of First Responders and Emergency Workers is an essential reference source that focuses on the latest research for diagnosing and treating mental health issues experienced by emergency personnel and seeks to generate awareness and inform clinicians about the unique circumstances encountered by these professionals. While highlighting topics including anxiety disorders and stress management, this book is ideally designed for clinicians, therapists, psychologists, psychiatrists, practitioners, medical professionals, EMTs, law enforcement, fire departments, military, academicians, researchers, policymakers, and students seeking current research on psychological therapy methods regarding first responders.

Topics Covered:

- 9-1-1 Telecommunicators
- Addiction and Alcohol Use Disorder (AUD)
- Anxiety Disorders
- Burnout
- Cognitive Behavioral Therapy
- Critical Incident Stress Management
- Depression
- Emergency Dispatch
- Exposure Therapy
- Family Issues
- Fit for Duty
- Interpersonal Relationships
- Mental Health
- Organizational Stress
- Peer Support
- Post-Traumatic Stress Disorder (PTSD)
- Resilience Training
- Trauma Management

"The job of first responders is to respond to traumatic events – but as humans, these events often affect them as well as civilians. Recognizing the impact of trauma upon these brave heroes, this book highlights what we know and provides a roadmap for where we need to go – ***reducing stigma, improving treatment, and changing culture****."*

- Dr. Deborah C. Beidel (University of Central Florida, USA)

"The book offers ***important insight*** *into the unique circumstances that first responders experience every day, in the wake of extreme violence and natural disasters, and now as they respond to the COVID-19 pandemic.* ***It is a must read*** *for clinicians, police officers, fire fighters, emergency medical personnel, academics, researchers, and policy makers who recognize the urgent need to understand the latest information regarding treatments that will improve the health and wellness of the first responder community."*

- Frank Straub, Ph.D., Director of the National Police Foundation's Center for Mass Violence Response Studies, USA

本书章节示例:

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Chapter 7: Critical Incident Stress Management: A Comprehensive, Intergrative, Systematic, and MultiComponent Program for Supporting First Responder Psychological Health Prof. Jeffrey T. Mitchell, University of Maryland, Baltimore County, USA	**Chapter 9: The HEROES Project: Building Mental Resilience in First Responders** Prof. Alex R. Thornton, Indiana University, Kelley School of Business, USA Prof. Daniel M. Blumberg, Alliant International University, USA Prof. Konstantinos Papazoglou, Yale School of Medicine, USA Prof. Luciano Giromini, University of Turin, Italy
Chapter 12: Evidence-Based Practices to Enhance First Responder Well-Being and Performance Prof. Eamonn Patrick Arble, Department of Psychology, Eastern Michigan University, USA Prof. Bengt B. Arnetz, College of Human Medicine, Michigan State University, USA	**Chapter 14: Narrative Therapy to Address Trauma for Emergency Medical Services and Firefighters** Prof. Amanda C. DeDiego, University of Wyoming, USA Prof. Isabel C. Farrell, Wake Forest University, USA Prof. Andrea M. McGrath, University of Wyoming, USA
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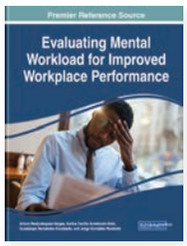
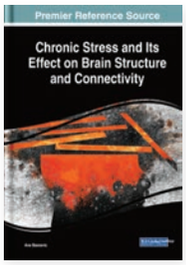


Evaluating Mental Workload for Improved Workplace Performance
© 2020; 334 pp.



Chronic Stress and Its Effect on Brain Structure and Connectivity
© 2019; 318 pp.

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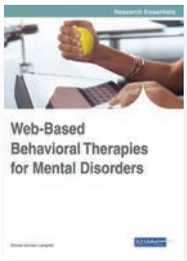
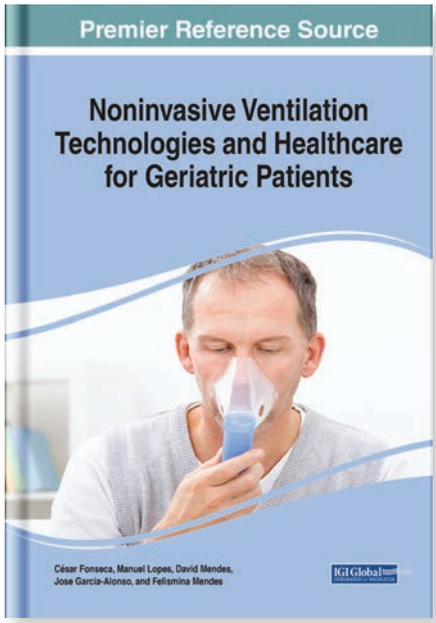


Web-Based Behavioral Therapies for Mental Disorders
© 2018; 310 pp.



无创通气技术与老年患者的保健

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. César Fonseca (Universidade de Évora, Portugal), Manuel José Lopes (Universidade de Évora, Portugal), David Mendes (Universidade de Évora, Portugal), Jose Garcia-Alonso (University of Extremadura, Spain), and Felismina Mendes (Universidade de Évora, Portugal)

ISBN: 9781799835318
Release Date: June, 2020
Copyright: 2020
Pages: 252

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

In the past, elderly patients were given artificial airway technologies, such as a tracheostomy tube, to assist with their breathing. However, thanks to the advances in medical technologies, older patients now may receive respiratory care while enjoying the comfort of their own home.

Noninvasive Ventilation Technologies and Healthcare for Geriatric Patients is a pivotal reference source that provides vital research on the models and processes of care for elderly subjects that require noninvasive ventilation as well as the development of technological solutions. While highlighting topics such as elderly care, respiratory failure, and home care, this publication explores healthcare management as well as the methods of professional homecare medical services. This book is ideally designed for physicians, nurses, pharmacists, senior health technicians, hospital administrators, clinical directors, laboratories, medical practitioners, nurses, and medical students.

Topics Covered:

- Elderly Care
- Healthcare Technology
- Home Care
- Home Oxygen Therapy
- Outpatient Oxygen Therapy
- Patient Care
- Quality of Life
- Respiratory Failure
- Respiratory Insufficiency
- Respiratory Rehabilitation

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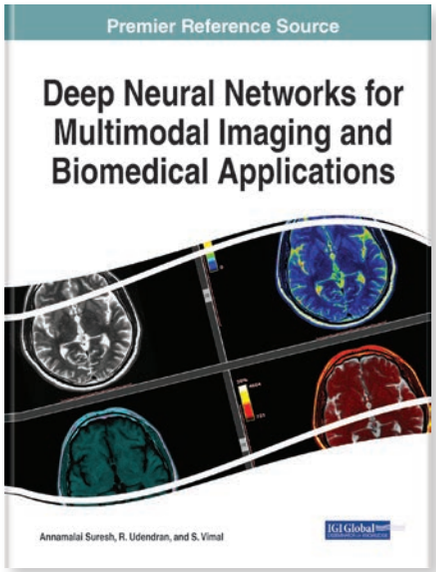
Part of the Advances in Bioinformatics and Biomedical Engineering Book Series

Prof. Annamalai Suresh (Department of Computer Science and Engineering, Nehru Institute of Engineering and Technology, Coimbatore, India), et al.



Description:

The field of healthcare is seeing a rapid expansion of technological advancement within current medical practices. The implementation of technologies including neural networks, multi-model imaging, genetic algorithms, and soft computing are assisting in predicting and identifying diseases, diagnosing cancer, and the examination of cells. Implementing these biomedical technologies remains a challenge for hospitals worldwide, creating a need for research on the specific applications of these computational techniques.

Deep Neural Networks for Multimodal Imaging and Biomedical Applications provides research exploring the theoretical and practical aspects of emerging data computing methods and imaging techniques within healthcare and biomedicine. The publication provides a complete set of information in a single module starting from developing deep neural networks to predicting disease by employing multi-modal imaging. Featuring coverage on a broad range of topics such as prediction models, edge computing, and quantitative measurements, this book is ideally designed for researchers, academicians, physicians, IT consultants, medical software developers, practitioners, policymakers, scholars, and students seeking current research on biomedical advancements and developing computational methods in healthcare.

ISBN: 9781799835912
Release Date: June, 2020
Copyright: 2020
Pages: 294

Pricing:

Hardcover: US $275.00
E-Book: US $275.00

Topics Covered:

- Biomedical Imaging
- Convolutional Networks
- Data Collection Methods
- Edge Computing
- Genetic Data Analysis
- Machine Learning
- Practical Healthcare Systems
- Prediction Models
- Quantitative Measurements
- Visualization

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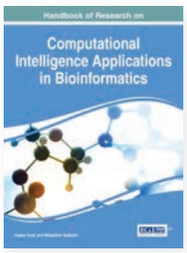
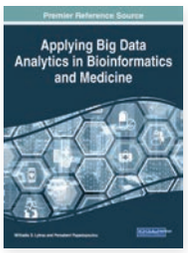


Handbook of Research on Computational Intelligence Applications in Bioinformatics
© 2016; 514 pp.



Applying Big Data Analytics in Bioinformatics and Medicine
© 2018; 465 pp.

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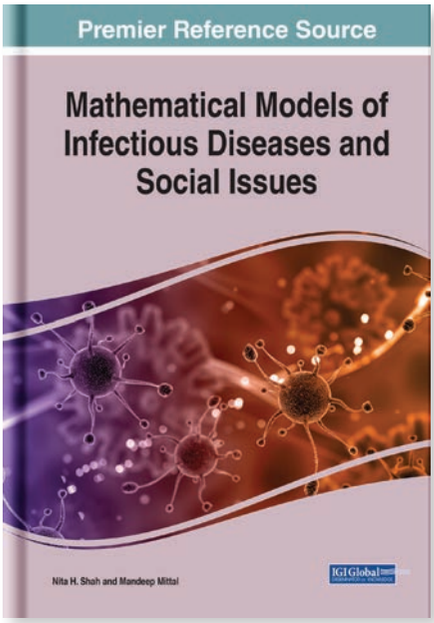

传染病与社会问题的数学模型

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. Nita H. Shah (Department of Mathematics, Gujarat University, Ahmedabad, India) and Mandeep Mittal (Department of Mathematics, Amity Institute of Applied Sciences, Amity University, Noida, India)

ISBN: 9781799837411
Release Date: June, 2020
Copyright: 2020
Pages: 316

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Description:

When deadly illness spreads through a population at a rapid pace, time may be of the essence in order to save lives. Using mathematics as a language to interpret assumptions concerning the biological and population mechanics, one can make predictions by analyzing actual epidemiological data using mathematical tests and results. Mathematical models can help us understand the right disease status and predict the effects of the disease on populations, which can help limit the spread and devastation of the illness.

Mathematical Models of Infectious Diseases and Social Issues is a collection of innovative research that examines the dynamics of diseases and their effect on populations. Featuring coverage of a broad range of topics including deterministic models, environmental pollution, and social issues, this book is ideally designed for diagnosticians, clinicians, healthcare providers, pharmacists, government health officials, policymakers, academicians, researchers, and students.

Topics Covered:

- Air Pollution
- Co-Infections
- Deterministic Models
- Disease Dynamics
- Disease Prediction
- Environmental Pollution
- HIV-HCV-HBV
- Population Mechanics
- Social Issues
- Vector-Borne Diseases
- Water-Borne Diseases

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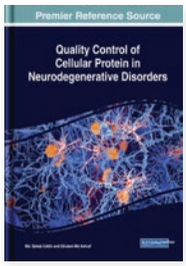
Veterinary Science: Breakthroughs in Research and Practice
© 2018; 369 pp.

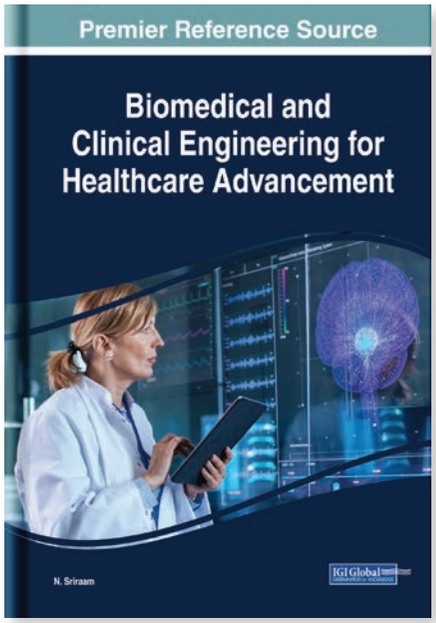


Quality Control of Cellular Protein in Neurodegenerative Disorders
© 2020; 515 pp.

促进医疗保健发展的生物医学与临床工程

Part of the Advances in Bioinformatics and Biomedical Engineering Book Series

Prof. N. Sriraam (Ramaiah Institute of Technology, India)



Description:

The rapid development of new technologies has created a lasting impact in the healthcare sector during the past decades. Due to this influence, potential clinical problems have decreased while the quality of healthcare delivery and overall user friendliness has increased and contributed to cost-effective healthcare systems.

Biomedical and Clinical Engineering for Healthcare Advancement is an essential reference source that discusses growth in healthcare applications driven by the adoption of new technologies, as well as the expansion of machine learning algorithms for clinical decision making. It focuses on combining vision, motion, data acquisition, and automated control to accelerate the development of affordable and portable medical devices. Featuring research on topics such as artificial intelligence, drug delivery, and retinal imaging, this book is ideally designed for healthcare professionals, biomedical engineers, biomedical professionals, clinicians, hospital directors, physicians, medical students, and clinical researchers.

Topics Covered:

- Artificial Intelligence
- Bioimaging
- Bionics
- Biosensors
- Breast Cancer
- Drug Delivery
- Image-Guided Surgery
- Medical Imaging
- Nanotechnology
- Optics
- Retinal Imaging
- Robotics
- Telemedicine

ISBN: 9781799803263
Release Date: July, 2019
Copyright: 2020
Pages: 275

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

This Book is Included in:

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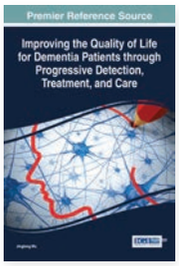
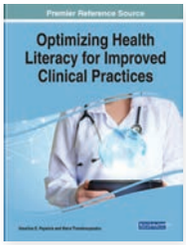


Improving the Quality of Life for Dementia Patients through Progressive Detection, Treatment, and Care
© 2017; 353 pp.



Optimizing Health Literacy for Improved Clinical Practices
© 2018; 338 pp.

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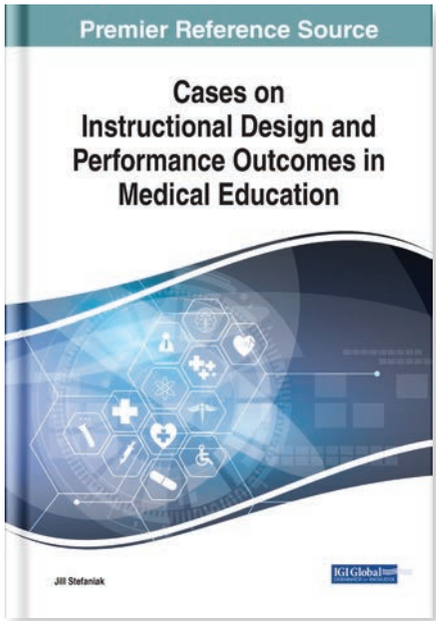

医学教育的教学设计与教学效果案例

Part of the Advances in Medical Education, Research, and Ethics Book Series

Prof. Jill Stefaniak (University of Georgia, USA)

Description:

There is increasing attention placed on curricular programs in healthcare at the undergraduate, graduate, and continuing medical education levels. While medical institutions are beginning to hire instructional designers and medical educators to ensure adherence to instructional design principles, many medical educators have been appointed to lead instructional interventions based on their subject-matter expertise. Few have received formal instruction relative to designing instruction.

Cases on Instructional Design and Performance Outcomes in Medical Education is an essential research publication that examines the design and delivery of education programs for healthcare professionals and provides them with the foundational knowledge needed to design effective instruction for a variety of audiences and learning contexts. Highlighting a wide range of topics such as healthcare, medical education, and online learning, this book is ideal for educators, physicians, nurses, allied health professionals, and academicians who are responsible for designing instructional activities.

ISBN: 9781799850922
Release Date: June, 2020
Copyright: 2020
Pages: 330

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Accreditation
- Healthcare
- Informal Learning Environment
- Learning Environments
- Medical Education
- Medical Simulation
- Mobile Learning
- Online Learning
- Project Management
- Service-Learning

This Book is Included in:

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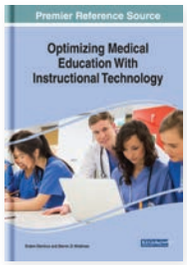


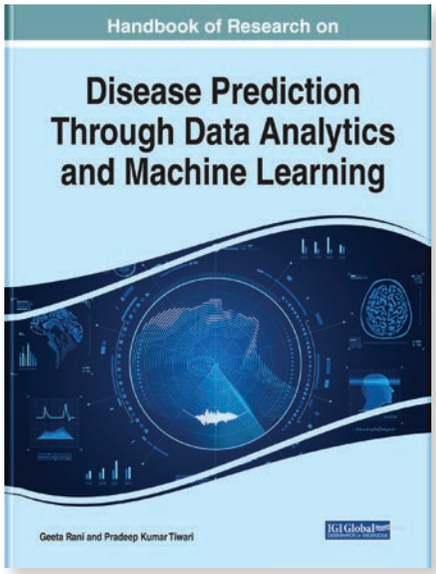
Optimizing Medical Education With Instructional Technology
© 2019; 291 pp.

Building a Patient-Centered Interprofessional Education Program
© 2020; 371 pp.

通过数据分析与机器学习进行疾病预测研究手册

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Geeta Rani (Manipal University Jaipur, India) and Pradeep Kumar Tiwari (Manipal University Jaipur, India)



Description:

By applying data analytics techniques and machine learning algorithms to predict disease, medical practitioners can more accurately diagnose and treat patients. However, researchers face problems in identifying suitable algorithms for pre-processing, transformations, and the integration of clinical data in a single module, as well as seeking different ways to build and evaluate models.

The **Handbook of Research on Disease Prediction Through Data Analytics and Machine Learning** is a pivotal reference source that explores the application of algorithms to making disease predictions through the identification of symptoms and information retrieval from images such as MRIs, ECGs, EEGs, etc. Highlighting a wide range of topics including clinical decision support systems, biomedical image analysis, and prediction models, this book is ideally designed for clinicians, physicians, programmers, computer engineers, IT specialists, data analysts, hospital administrators, researchers, academicians, and graduate and post-graduate students.

Topics Covered:

- Advanced Data Analytics for Healthcare
- Biomedical Image Analysis
- Clinical Decision Support Systems
- Data Integration
- Genetic Data Analysis
- Information Retrieval
- Prediction Models
- Sensor Data Analysis
- Smart ICT
- Text Mining
- Universal Healthcare

ISBN: 9781799827429
Release Date: October, 2020
Copyright: 2021
Pages: 400

Pricing:

Hardcover: US $395.00
E-Book: US $395.00

This Book is Included in:

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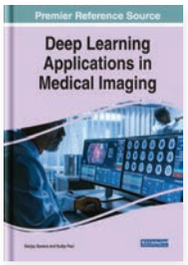
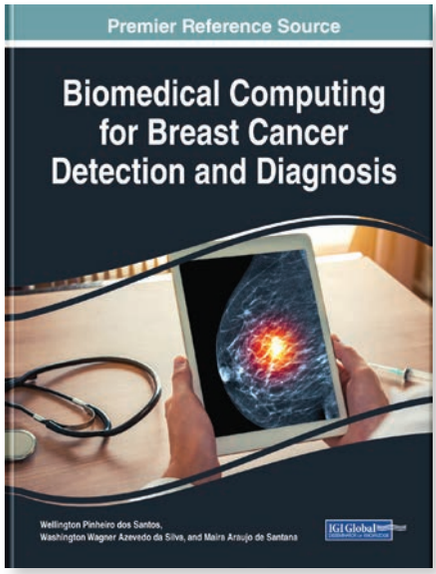
© 2020; 248 pp.



Deep Learning Applications in Medical Imaging
© 2021; 274 pp.



乳腺癌检测与诊断的生物医学计算

Part of the Advances in Bioinformatics and Biomedical Engineering Book Series

Profs. Wellington Pinheiro dos Santos (Universidade Federal de Pernambuco, Brazil), Washington Wagner Azevedo da Silva (Universidade Federal de Pernambuco, Brazil), and Maira Araujo de Santana (Universidade Federal de Pernambuco, Brazil)

Description:

Despite success with treatment when diagnosed early, breast cancer is still one of the most fatal forms of cancer for women. Imaging diagnosis is still one of the most efficient ways to detect early breast changes with mammography among the most used techniques. However, there are other techniques that have emerged as alternatives or even complementary tests in the early detection of breast lesions (e.g., breast thermography and electrical impedance tomography). Artificial intelligence can be used to optimize image diagnosis, increasing the reliability of the reports and supporting professionals who do not have enough knowledge or experience to make good diagnoses.

Biomedical Computing for Breast Cancer Detection and Diagnosis is a collection of research that presents a review of the physiology and anatomy of the breast; the dynamics of breast cancer; principles of pattern recognition, artificial neural networks, and computer graphics; and the breast imaging techniques and computational methods to support and optimize the diagnosis. While highlighting topics including mammograms, thermographic imaging, and intelligent systems, this book is ideally designed for medical oncologists, surgeons, biomedical engineers, medical imaging professionals, cancer researchers, academicians, and students in medicine, biomedicine, biomedical engineering, and computer science.

ISBN: 9781799834564
Release Date: July, 2020
Copyright: 2021
Pages: 357

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Artificial Intelligence
- Artificial Neural Networks
- Breast Cancer
- Cancer Diagnosis
- Electrical Impedance Tomography
- Image Reconstruction
- Intelligent Systems
- Machine Learning
- Mammary Ultrasound
- Mammography
- Medical Imaging
- Physiology of Mammary Tissue
- Thermographic Imaging

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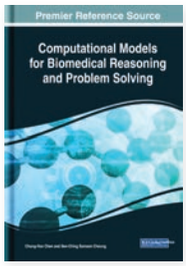
© 2018; 280 pp.

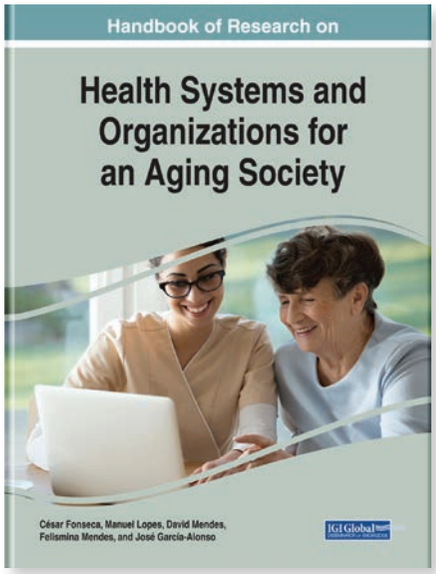


Computational Models for Biomedical Reasoning and Problem Solving
© 2019; 353 pp.

老龄化社会卫生系统与组织研究手册

Part of the Advances in Human Services and Public Health Book Series

Profs. César Fonseca (Universidade de Évora, Portugal), Manuel José Lopes (Universidade de Évora, Portugal), David Mendes (Universidade de Évora, Portugal), Felismina Mendes (Universidade de Évora, Portugal), and José García-Alonso (Universidad de Extremadura, Spain)



Description:

Population aging is a growing challenge worldwide. As such, new models of provision, organization, and allocation of resources, particularly in healthcare, are needed. As the self-care and long-term care needs of this age group become more prevalent, the importance of improved health services and effective health management strategies are apparent.

The **Handbook of Research on Health Systems and Organizations for an Aging Society** provides emerging research exploring the challenges and opportunities for the development and management of health systems and organizations in relation to people aged 65 and over. Featuring coverage on a broad range of topics such as emotional wellness, long-term care, and professional caregiving, this book is ideally designed for health technicians, doctors, nurses, pharmacists, hospital administrators, clinical directors, laboratory technicians, medical professionals, researchers, and students.

ISBN: 9781522598183
Release Date: August, 2019
Copyright: 2020
Pages: 323

Pricing:

Hardcover: US $365.00
E-Book: US $365.00

Topics Covered:

- Artificial Intelligence
- Emotional Wellness
- Functional Independence
- Health Systems
- Healthcare Administration
- Long-Term Care
- Machine Learning
- Professional Caregiving
- Quality of Life
- Rehabilitation

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Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
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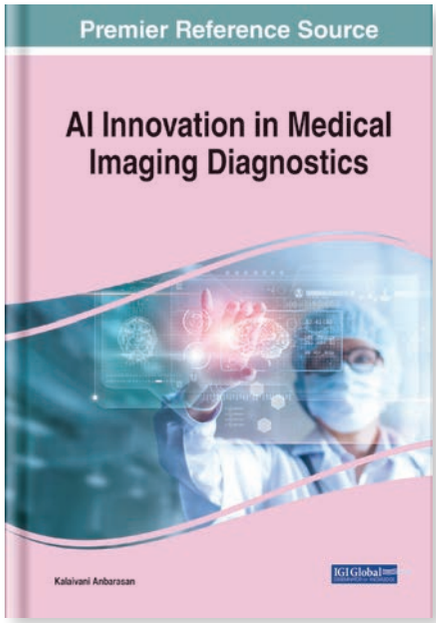

医学影像诊断中的人工智能创新

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Prof. Kalaivani Anbarasan (Saveetha School of Engineering, India)

Description:

Recent advancements in the technology of medical imaging, such as CT and MRI scanners, are making it possible to create more detailed 3D and 4D images. These powerful images require vast amounts of digital data to help with the diagnosis of the patient. Artificial intelligence (AI) must play a vital role in supporting with the analysis of this medical imaging data, but it will only be viable as long as healthcare professionals and AI interact to embrace deep thinking platforms such as automation in the identification of diseases in patients.

AI Innovation in Medical Imaging Diagnostics is an essential reference source that examines AI applications in medical imaging that can transform hospitals to become more efficient in the management of patient treatment plans through the production of faster imaging and the reduction of radiation dosages through the PET and SPECT imaging modalities. The book also explores how data clusters from these images can be translated into small data packages that can be accessed by healthcare departments to give a real-time insight into patient care and required interventions. Featuring research on topics such as assistive healthcare, cancer detection, and machine learning, this book is ideally designed for healthcare administrators, radiologists, data analysts, computer science professionals, medical imaging specialists, diagnosticians, medical professionals, researchers, and students.

ISBN: 9781799830924
Release Date: October, 2020
Copyright: 2021
Pages: 300

Pricing:

Hardcover: US $345.00
E-Book: US $345.00

Topics Covered:

- Artificial Intelligence
- Assistive Healthcare
- Cancer Detection
- K-Means Clustering
- Machine Learning
- Medical Screening
- Mental Health
- MRI Imaging
- Parkinson's Disease
- Principal Component Analysis

This Book is Included in:

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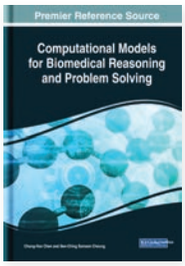
© 2018; 280 pp.

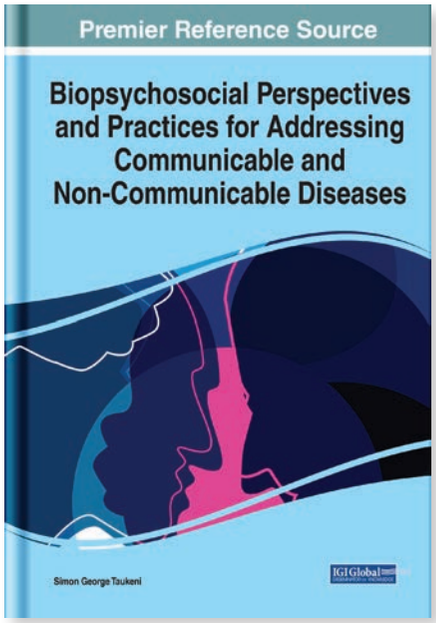


Computational Models for Biomedical Reasoning and Problem Solving
© 2019; 353 pp.

处理传染病和非传染病的生物心理社会观点和实践

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Simon George Taukeni (University of Namibia, Namibia)



Description:

While there are a number of clinical practices for treating a variety of diseases, there is an urgent need to integrate bio-psychosocial perspectives and practices in order to promote comprehensive healthcare. Current research reports that diseases such as HIV/AIDS, malaria, diabetes, cardiovascular diseases, and heart diseases are a growing threat to the heath and quality of life of individuals across the globe. Considering that nearly all these diseases are directly related to the lifestyle of an individual, prevention and intervention should be devised to address psychological, emotional, social, and spiritual factors.

Biopsychosocial Perspectives and Practices for Addressing Communicable and Non-Communicable Diseases is a collection of theoretical research that promotes good health and quality of life through psychosocial interventions to address psychosocial problems facing individuals such as discrimination and stigma, stress, depression, alcohol and drug abuse, smoking, lack of physical activity, and many other socio-economic factors. While highlighting topics including mental health, traditional healthcare, and global health, this book is ideally designed for therapists, counselors, psychologists, medical professionals, hospital administrators, researchers, academicians, and students in fields that include public health, nursing, community-based healthcare, health psychology, HIV/AIDS education, human movement education, and sport psychology.

ISBN: 9781799821397
Release Date: April, 2020
Copyright: 2020
Pages: 368

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Addiction
- Depression Management
- Drug Abuse
- Eating Disorders
- Global Health
- Mental Health
- Preventative Care
- Public Health Systems
- Support Systems
- Traditional Healthcare

This Book is Included in:

- InfoSci®-Books *(5,900+ e-books)*
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  InfoSci-Medical, Healthcare, and Life Sciences *(500+ e-books)*

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Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.

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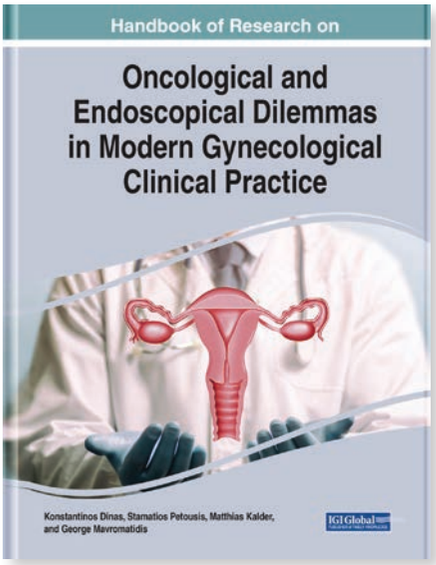

现代妇科临床实践中的肿瘤学和内窥镜困境

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Konstantinos Dinas (2nd Department of Obstetrics and Gynaecology, Aristotle University of Thessaloniki, Greece), et al.

Description:

For the past decade or so, research regarding women's health has become a major source of concern among health professionals. Due to the vast amounts of research, it has been difficult to amass a comprehensive source describing the challenges of physicians in this area of medical treatment and care.

The **Handbook of Research on Oncological and Endoscopical Dilemmas in Modern Gynecological Clinical Practice** is a pivotal reference source that provides vital research on the application of clinical practices in regards to the health of women and prevention of severe, life-threatening diseases. While highlighting topics such as mental health, women's health, and preventative care, this publication provides an insight into critical dilemmas and issues in modern gynecologic oncology and endoscopy as well as the methods of daily clinical practice. This book is ideally designed for obstetricians, gynecologists, specialized physicians, medical professionals, academicians, researchers, and medical students.

ISBN: 9781799842132
Release Date: August, 2020
Copyright: 2021
Pages: 460

Pricing:

Hardcover: US $385.00
E-Book: US $385.00

Topics Covered:

- Breast Cancer
- Cervical Cancer
- Long-Term Care
- Mental Health
- Preventative Care
- Quality of Life
- Short-Term Care
- Survival Rates
- Treatment Monitoring
- Women's Health

This Book is Included in:

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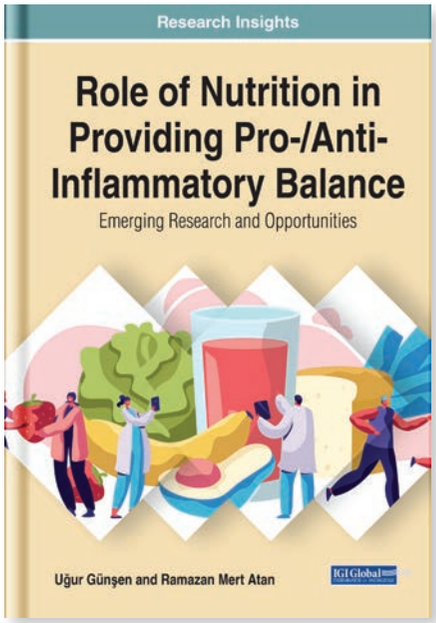
Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.

营养在促进/抗击炎症平衡中的作用：新兴研究和机遇

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Uğur Günşen (Bandırma Onyedi Eylül University, Turkey) and Ramazan Mert Atan (Bandırma Onyedi Eylül University, Turkey)



Description:

Food selection plays an important role in ensuring pro- and anti-inflammatory balance. Certain foods are responsible for increasing inflammation while others have anti-inflammation properties. Western diets especially, rich in red meat, simple carbohydrates, and refined grains, increase the levels of pro-inflammatory markers, C-reactive protein (CRP), and interleukin-6 (IL-6). Additionally, short- and long-chain fatty acids, various micronutrients including zinc, selenium, iron, vitamin A, probiotics, and prebiotic foods affect inflammation. As inflammation can be linked to a variety of diseases, more studies are needed about nutrition and its ability to prevent inflammation.

Role of Nutrition in Providing Pro-/Anti-Inflammatory Balance: Emerging Research and Opportunities is an essential publication that examines balancing inflammation through nutrition and nutritional strategies. Firstly, information about the formation process of inflammation, biomarkers used for diagnosis, diseases affected by inflammation, and their incidence in society are discussed. Subsequently, balancing inflammation in individuals through macro- and micro-nutrient consumption, nutritional supplements (probiotics and prebiotics), bioactive proteins and peptides, and dietary forms is examined. Featuring research covering a broad range of topics including food supplements, diet types, and bioactive proteins, this book is ideally designed for nutritionists, dieticians, clinicians, doctors, nurses, healthcare providers, researchers, academicians, and students.

ISBN: 9781799835943
Release Date: April, 2020
Copyright: 2020
Pages: 214

Pricing:

Hardcover: US $235.00
E-Book: US $235.00

Topics Covered:

- Acute Inflammation
- Bioactive Proteins
- Biomarkers
- Chronic Inflammation
- Diet Types
- Dietary Inflammatory Index
- Food Supplements
- Macronutrients
- Micronutrients
- Peptides
- Prebiotics

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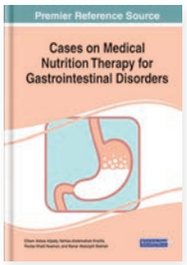

Cases on Medical Nutrition Therapy for Gastrointestinal Disorders
© 2021; 335 pp.

Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

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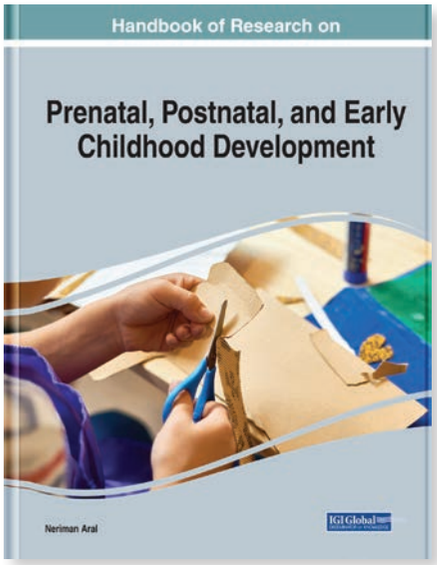

产前、产后和幼儿发展研究手册

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Neriman Aral (Ankara University, Turkey)

Description:

Child development comprises children's cognitive, linguistic, motor, social and emotional development, communication, and self-care skills. Understanding developmental periods means that possible problems or roadblocks can be planned for or prevented. Knowledge of child development is necessary for achieving educational goals and is integral to promoting children's healthy and timely development.

The **Handbook of Research on Prenatal, Postnatal, and Early Childhood Development** is an essential scholarly reference source that compiles critical findings on children's growth periods and characteristics as well as the principles that affect their development. Covering a wide range of topics such as at-risk children, early intervention, and support programs, this book is ideally designed for child development specialists, pediatricians, educators, program developers, administrators, psychologists, researchers, academicians, and students. Additionally, the book provides insight and support to health professionals working in various disciplines in the field of child development and health.

ISBN: 9781799829522
Release Date: March, 2020
Copyright: 2020
Pages: 470

Pricing:

Hardcover: US $365.00
E-Book: US $365.00

Topics Covered:

- At-Risk Children
- Childbirth
- Development in Infancy
- Development in Middle School
- Developmental Diagnosis and Evaluation
- Early Childhood Development
- Early Intervention
- Foundations of Development
- Prenatal Development
- Support Programs

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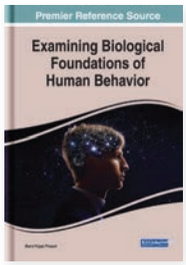
© 2017; 439 pp.

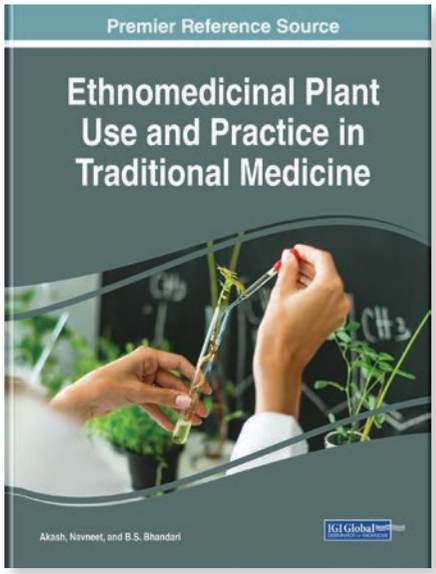


Examining Biological Foundations of Human Behavior
© 2020; 266 pp.

民族药用植物在传统医学中的应用与实践

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Akash (Gurukul Kangri University, India), Navneet (Gurukul Kangri University, India), and B.S. Bhandari (Garhwal University, India)



Description:

Traditional medicinal knowledge, especially the use of ethnomedicinal plants in developing countries, has been passed down for generations. Today, however, scientists are poised to combine traditional medicinal plants and modern drug discoveries to further develop essential products that have followed the leads of indigenous cures used for centuries.

Ethnomedicinal Plant Use and Practice in Traditional Medicine provides emerging research exploring the theoretical and practical aspects of indigenous knowledge and therapeutic potential within ethnobotany. Featuring coverage on a broad range of topics such as drug discovery, traditional knowledge, and herbal medicine, this book is ideally designed for doctors, healers, medical professionals, ethnobotanists, naturalists, academicians, researchers, and students interested in current research on the medical use and applications of natural-based resources.

Topics Covered:

- Alternative Treatment
- Botany
- Drug Discovery
- Ethnobotany
- Folk Medicine
- Herbal Medicine
- Medical Diagnosis
- Natural Products
- Traditional Knowledge

ISBN: 9781799813200
Release Date: March, 2020
Copyright: 2020
Pages: 380

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

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- InfoSci®-Subject Databases
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© 2016; 305 pp.

Advancing Pharmaceutical Processes and Tools for Improved Health Outcomes
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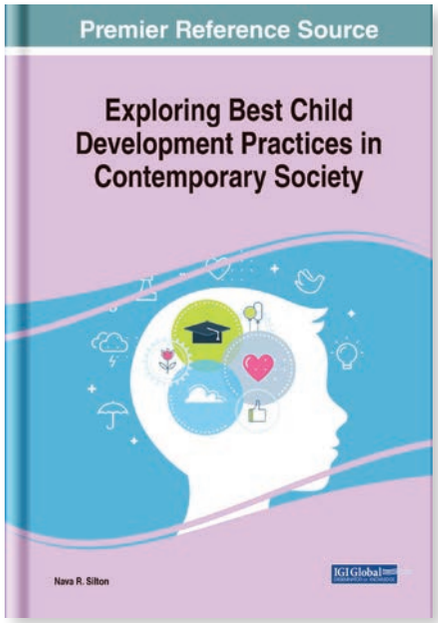

探索当代社会儿童发展的最佳实践

Part of the Advances in Medical Education, Research, and Ethics Book Series

Prof. Nava R. Silton (Marymount Manhattan College, USA)

Description:

Parents and teachers require a greater understanding of child development and of evidence-based research practices for how to best raise successful, emotionally intelligent, kind, and empathetic children in contemporary society. Hands-on practical advice is needed to foster such attributes during child development in order to raise happy, healthy, and successful children regardless of their backgrounds, abilities, or preferences.

Exploring Best Child Development Practices in Contemporary Society is a critical scholarly publication that strengthens and optimizes parenting capacity by sharing research-based methods for a better understanding of the constructs of kindness, empathy, emotional intelligence, grit, and bullying preventive and intervention efforts and offers tools that cultivate these important qualities in today's children. Moreover, the text delves into best rearing practices for raising children with disabilities and children on the LGBTQ spectrum. Featuring a range of topics including child development, media diet, and physical development, this book is ideal for teachers, psychologists, therapists, researchers, academicians, practitioners, and students.

ISBN: 9781799829409
Release Date: March, 2020
Copyright: 2020
Pages: 305

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Bullying
- Child Development
- Children With Disabilities
- Cognitive Development
- Emotional Intelligence
- LGBTQ+
- Media Diet
- Parenting
- Physical Development
- Resilience
- Socio-Emotional Development

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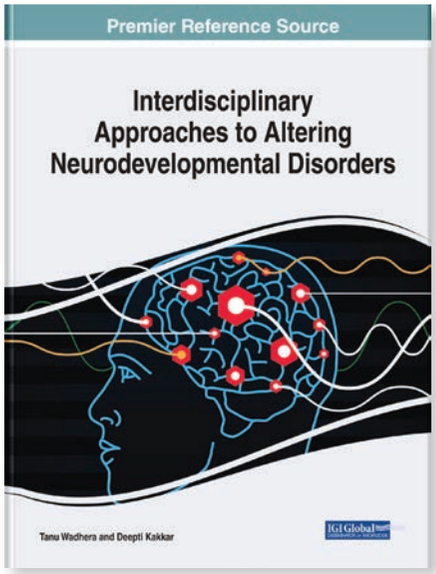
Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.

改变神经发育障碍的跨学科研讨

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Tanu Wadhera (Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India) and Deepti Kakkar (Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India)



Description:

Disorder-assistive and neurotechnological devices are experiencing a boom in the global market. Mounting evidence suggests that approaches based on several different domains should move towards the goal of early diagnosis of individuals affected by neurodevelopmental disorders. Using an interdisciplinary and collaborative approach in diagnosis and support can resolve many hurdles such as lack of awareness, transport, and financial burdens by being made available to individuals at the onset of symptoms.

Interdisciplinary Approaches to Altering Neurodevelopmental Disorders is a pivotal reference source that explores neurodevelopmental disorders and a diverse array of diagnostic tools and therapies assisted by neurotechnological devices. While covering a wide range of topics including individual-centered design, artificial intelligence, and multifaceted therapies, this book is ideally designed for neuroscientists, medical practitioners, clinical psychologists, special educators, counselors, therapists, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Behavioral Phenotypes
- Biofeedback Therapies
- Clinical Practice
- Individual-Centered Design
- Multifaceted Therapies
- Neurotechnology
- Physiology
- Predictive Analytics
- Teaching and Learning Strategies
- Theoretical Concepts

ISBN: 9781799830696
Release Date: March, 2020
Copyright: 2020
Pages: 386

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

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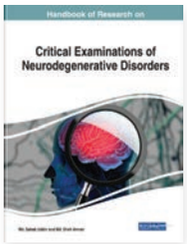

Handbook of Research on Critical Examinations of Neurodegenerative Disorders
© 2019; 597 pp.

Emerging Trends in the Diagnosis and Intervention of Neurodevelopmental Disorders
© 2019; 394 pp.

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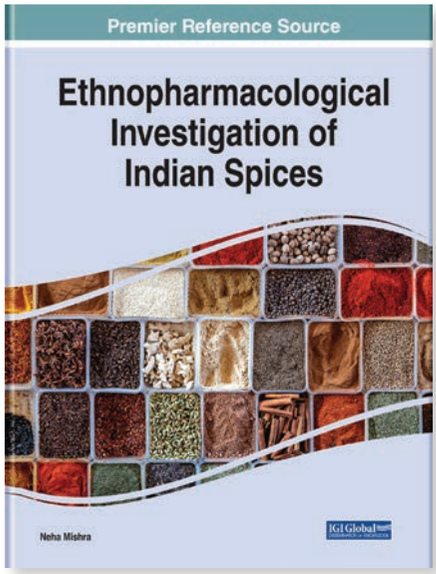

印度香料的民族药理学研究

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Neha Mishra (Sam Higginbottom University of Agriculture, Technology, and Sciences, India)

Description:

Though their usage greatly diminished at the dawn of the scientific area, Indian spices were traditional parts of healthcare for thousands of years. However, over the last decade, largely due to the growth in popularity of complementary and alternative medicine, spices have regained attention due to their physiological and functional benefits. By applying modern research methods to traditional remedies, it is possible to discover what made these spices such effective ailment treatments.

Ethnopharmacological Investigation of Indian Spices is a collection of innovative research that analyzes the chemical properties and medical benefits of Indian spices in order to design new therapeutic drugs and for possible utility in the food industry. The book specifically examines the phytochemistry and biosynthetic pathway of active constituents of Indian spices. Highlighting a wide range of topics including pharmacology, antioxidant activity, and anti-cancer research, this book is ideally designed for pharmacologists, pharmacists, physicians, nutritionists, botanists, biotechnicians, biochemists, researchers, academicians, and students at the graduate and post-graduate levels interested in alternative healthcare.

ISBN: 9781799825241
Release Date: March, 2020
Copyright: 2020
Pages: 335

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Anti-Cancer Research
- Antimicrobial Activity
- Antioxidant Activity
- Chemistry Diversity
- Clinical Applications
- Food Industry
- Historical Perspective
- Indigenous Medicinal Practices
- Pharmacology
- Pharmacotherapy
- Phytochemistry

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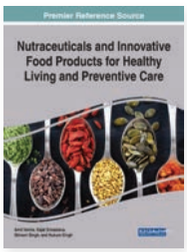

Nutraceuticals and Innovative Food Products for Healthy Living and Preventive Care
© 2018; 462 pp.

Advancing Pharmaceutical Processes and Tools for Improved Health Outcomes
© 2016; 388 pp.

计算智能与软计算在医疗管理科学中的运用

Part of the Advances in Healthcare Information Systems and Administration Book Series

Profs. Muhammet Gul (Munzur University, Turkey),Erkan Celik (Munzur University, Turkey), Suleyman Mete (Gaziantep University, Turkey), and Faruk Serin (Munzur University, Turkey)

Description:

In today's modernized world, the field of healthcare has seen significant practical innovations with the implementation of computational intelligence approaches and soft computing methods. These two concepts present various solutions to complex scientific problems and imperfect data issues. This has made both very popular in the medical profession. There are still various areas to be studied and improved by these two schemes as healthcare practices continue to develop.

Computational Intelligence and Soft Computing Applications in Healthcare Management Science is an essential reference source that discusses the implementation of soft computing techniques and computational methods in the various components of healthcare, telemedicine, and public health. Featuring research on topics such as analytical modeling, neural networks, and fuzzy logic, this book is ideally designed for software engineers, information scientists, medical professionals, researchers, developers, educators, academicians, and students.

ISBN: 9781799825814
Release Date: March, 2020
Copyright: 2020
Pages: 322

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Analytical Modeling
- Decision Making
- Fuzzy Logic
- Metaheuristic Approaches
- Neural Networks
- Occupational Health
- Optimization
- Risk Assessment
- Simulation and Modeling
- Soft Computing Methods

This Book is Included in:

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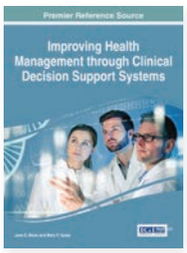
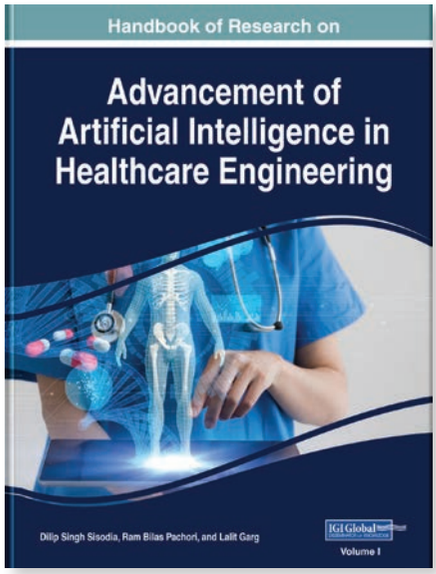


Improving Health Management through Clinical Decision Support Systems
© 2016; 425 pp.

Maximizing Healthcare Delivery and Management through Technology Integration
© 2016; 378 pp.



医疗工程领域人工智能进展研究手册

Part of the Advances in Healthcare Information Systems and Administration Book Series

Profs. Dilip Singh Sisodia (National Institute of Technology, Raipur, India), Ram Bilas Pachori (Indian Institute of Technology, Indore, India), and Lalit Garg (University of Malta, Malta)

ISBN: 9781799821205
Release Date: February, 2020
Copyright: 2020
Pages: 420

Pricing:

Hardcover: US $385.00
E-Book: US $385.00

Description:

Artificial intelligence (AI) is revolutionizing every aspect of human life including human healthcare and wellbeing management. Various types of intelligent healthcare engineering applications have been created that help to address patient healthcare and outcomes such as identifying diseases and gathering patient information. Advancements in AI applications in healthcare continue to be sought to aid rapid disease detection, health monitoring, and prescription drug tracking

The **Handbook of Research on Advancements of Artificial Intelligence in Healthcare Engineering** is an essential scholarly publication that provides comprehensive research on the possible applications of machine learning, deep learning, soft computing, and evolutionary computing techniques in the design, implementation, and optimization of healthcare engineering solutions. Featuring a wide range of topics such as genetic algorithms, mobile robotics, and neuroinformatics, this book is ideal for engineers, technology developers, IT consultants, hospital administrators, academicians, healthcare professionals, practitioners, researchers, and students.

Topics Covered:

- Biometrics
- Brain Imaging
- Deep Learning
- Evolutionary Computing
- Genetic Algorithms
- Healthcare
- Mobile Robotics
- Natural Language Processing
- Neuroinformatics
- Signal Processing
- Virtual Agent System

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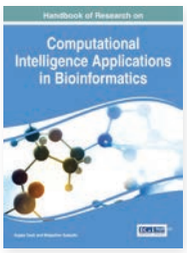
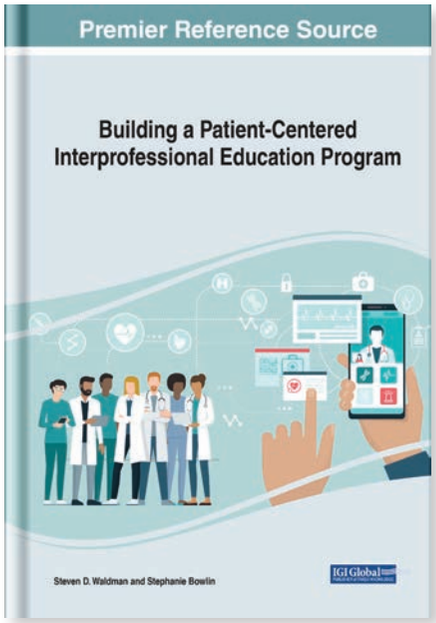


Handbook of Research on Computational Intelligence Applications in Bioinformatics
© 2016; 514 pp.

建立以病人为中心的跨专业教育规划

Part of the Advances in Medical Education, Research, and Ethics Book Series

Profs. Steven D. Waldman (University of Missouri-Kansas City School of Medicine, USA) and Stephanie Bowlin (Western University of Health Sciences, USA)



Description:

Properly utilized interprofessional education will prepare students in health professions to provide patient care in a collaborative team environment. Once healthcare professionals begin to work together in a collaborative interprofessional care team, patient care is improved.

Building a Patient-Centered Interprofessional Education Program is a critical scholarly publication that provides readers with practical strategies to facilitate building effective interprofessional educational programs that both enrich learners and help to improve patient care. Featuring a wide range of topics including medical education, allopathic medicine, and telehealth, this book is ideal for curriculum developers, instructional designers, academicians, medical staff, teaching hospitals, healthcare educators, researchers, healthcare professionals, and students.

Topics Covered:

- Allopathic Medicine
- Curriculum Design
- Geriatric Care
- Healthcare
- Interprofessional Education
- Medical Education
- Osteopathic Medicine
- Student Engagement
- Telehealth
- Unconscious Bias

ISBN: 9781799830665
Release Date: February, 2020
Copyright: 2020
Pages: 371

Pricing:

Hardcover: US $225.00
E-Book: US $225.00

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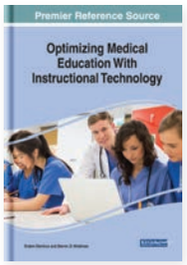
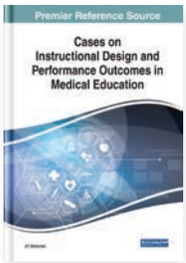
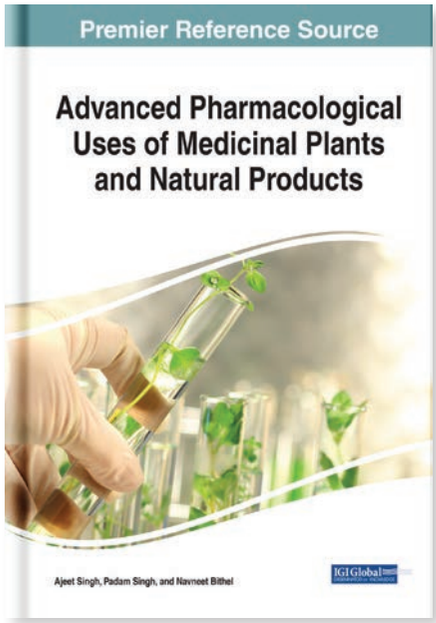


Optimizing Medical Education With Instructional Technology
© 2019; 291 pp.



Cases on Instructional Design and Performance Outcomes in Medical Education
© 2020; 330 pp.



ISBN: 9781799820949
Release Date: February, 2020
Copyright: 2020
Pages: 442

Pricing:

Hardcover: US $425.00
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药用植物和天然产物的高级药理用途

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Ajeet Singh (National Dairy Research Institute, India), Padam Singh (Vaccine and Infectious Disease Research Centre, Translational Health Science and Technology Institute, India), and Navneet Bithel (Gurukul Kangri University, India)

Description:

A vast majority of the world's population lacks access to essential medicines and the provision of safe healthcare services. Medicinal plants and herbal medicines can be applied for pharmacognosy, or the discovery of new drugs, or as an aid for plant physiology studies. In recent years, there has been increased interest in the search for new chemical entities and the expression of resistance of many drugs available in the market has led to a shift in paradigm towards medicinal research. Herbal treatments, the most popular form of folk medicine, may become an important way of increasing access to healthcare services.

Advanced Pharmacological Uses of Medicinal Plants and Natural Products provides emerging research exploring the theoretical and practical aspects of drug discovery from natural sources that allow for the effective treatment of human health problems without any side effects, toxicity, or drug resistance. Featuring coverage on a broad range of topics such as ethnobotany, therapeutic applications, and bioactive compounds, this book is ideally designed for pharmacologists, scientists, ethnobotanists, botanists, health researchers, professors, industry professionals, and health students in fields that include pharmaceutical drug development and discovery.

Topics Covered:

- Alternative Medicine
- Anticancer Potential
- Antiviral Activities
- Bioactive Compounds
- Ethnobotany
- Herbal Bioactive
- Natural Agents
- Pharmacological Activities
- Therapeutic Applications
- Traditional Medicine

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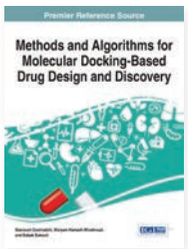
© 2016; 388 pp.

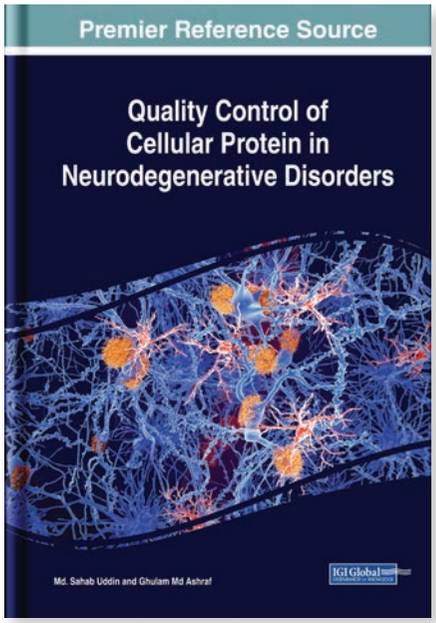


Methods and Algorithms for Molecular Docking-Based Drug Design and Discovery
© 2016; 456 pp.

神经退行性疾病细胞蛋白的质量控制

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Profs. Md. Sahab Uddin (Southeast University, Bangladesh) and Ghulam Md. Ashraf (King Abdulaziz University, Saudi Arabia)



Description:

Protein misfolding and aggregation are hallmarks of several neurodegenerative proteinopathies. Though multiple factors like aging, oxidative stress, mitochondrial dysfunction, proteotoxic insults, genetic inconsistency, etc. are responsible for the dysfunction of the neuronal protein quality control system, targeting protein quality control has become an auspicious approach to halt the propagation of neurodegeneration.

Quality Control of Cellular Protein in Neurodegenerative Disorders provides diverse aspects exploring the role of the protein quality control in neurodegenerative disorders and potential therapeutic strategies to combat the development and propagation of neurodegeneration. Featuring coverage on a broad range of topics such as molecular chaperones, protein misfolding, and stress signaling, this book is ideally designed for neurobiologists, neuropsychologists, neurophysiologists, medical professionals, neuropathologists, researchers, academicians, students, and practitioners engaged in studies of the protein quality control system in neuronal cells.

Topics Covered:

- Alzheimer's Disease
- Autophagic Dysfunction
- Cellular Cysteine Network
- Huntington's Disease
- Molecular Chaperones
- Parkinson's Disease
- Post-Translational Modifications
- Proteasome Dysfunction
- Protein Misfolding
- Stress Signaling

ISBN: 9781799813170
Release Date: February, 2020
Copyright: 2020
Pages: 515

Pricing:

Hardcover: US $295.00
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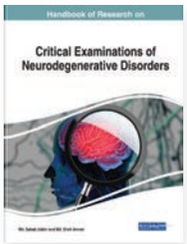

Handbook of Research on Critical Examinations of Neurodegenerative Disorders
© 2019; 597 pp.

Emerging Trends in the Diagnosis and Intervention of Neurodevelopmental Disorders
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Part of the Advances in Medical Technologies and Clinical Practice Book Series

Prof. Ritika Wason (Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), India), et al.

ISBN: 9781799821014
Release Date: February, 2020
Copyright: 2020
Pages: 248

Pricing:

Hardcover: US $275.00
E-Book: US $275.00

Description:

Healthcare is an industry that has seen great advancements in personalized services through big data analytics. Despite the application of smart devices in the medical field, the mass volume of data that is being generated makes it challenging to correctly diagnose patients. This has led to the implementation of precise algorithms that can manage large amounts of information and successfully use smart living in medical environments. Professionals worldwide need relevant research on how to successfully implement these smart technologies within their own personalized healthcare processes.

Applications of Deep Learning and Big IoT on Personalized Healthcare Services is a pivotal reference source that provides a collection of innovative research on the analytical methods and applications of smart algorithms for the personalized treatment of patients. While highlighting topics including cognitive computing, natural language processing, and supply chain optimization, this book is ideally designed for network designers, analysts, technology specialists, medical professionals, developers, researchers, academicians, and post-graduate students seeking relevant information on smart developments within individualized healthcare.

Topics Covered:

- Clinical Data
- Cognitive Computing
- Effective Algorithms
- Healthcare Claim Management
- Natural Language Processing
- Network Security
- Pharmaceutical Application
- Predictive Analytics
- Supply Chain Optimization
- Timely Diagnoses

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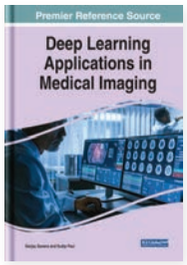
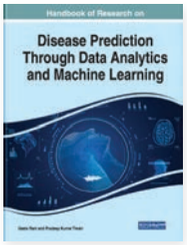


Deep Learning Applications in Medical Imaging
© 2021; 274 pp.



Handbook of Research on Disease Prediction Through Data Analytics and Machine Learning
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本土语言的媒体、传播、性别和健康方面的前沿动态

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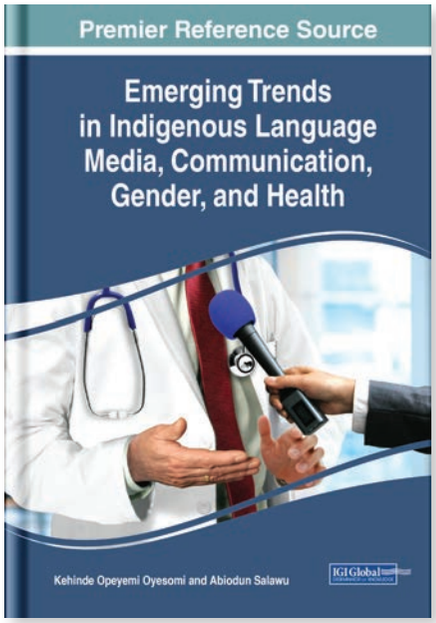
Profs. Kehinde Opeyemi Oyesomi (Covenant University, Nigeria) and Abiodun Salawu (North-West University, South Africa)



Description:

The importance of communication in health-related matters cannot be overemphasized. Despite modern global advancements, indigenous communication methods assume a large part of health practices in rural regions throughout the world, including areas in Africa and Asia. Indigenous language remains one of the strongest means of communication and a vital function in local communities across the globe.

Emerging Trends in Indigenous Language Media, Communication, Gender, and Health is a collection of innovative research that vitalizes, directs, and shapes scholarship and global understanding in the aforementioned areas and provides sustainable policy trajectory measures for indigenous language media and health advocacy. This book will provide a better global understanding of the significance indigenous language still has in modern society. While highlighting topics including digitalization, sustainability, and health education, this book is ideally designed for researchers, anthropologists, sociologists, advocates, medical practitioners, world health organizations, media professionals, government officials, policymakers, practitioners, academicians, and students.

ISBN: 9781799820918
Release Date: February, 2020
Copyright: 2020
Pages: 320

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Broadcast Media
- Digitalization
- Gender-Related Issues
- Health Development
- Health Education
- Media Reporting
- Print Media
- Safe Motherhood Practices
- Sustainability
- Sustainable Development Goals

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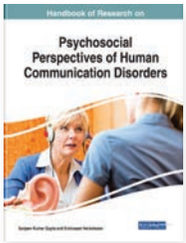

Handbook of Research on Psychosocial Perspectives of Human Communication Disorders
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Prof. Francesca Costanza (University LUMSA, Palermo, Italy)

ISBN: 9781799826538
Release Date: January, 2020
Copyright: 2020
Pages: 173

Pricing:

Hardcover: US $195.00
E-Book: US $195.00

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Description:

In the last decades, the importance of performance management in healthcare organizations has progressively increased. Patient organizations can play a strategic role by providing peer support and education, filling service provision gaps within public healthcare. As experts of their own pathologies, organized patients can aid research and development projects and provide the policymakers with input from the patients' perspectives. Despite these advantages, patient organizations still face criticalities including low political attention at a national and peripheral level, scarce management skills, planning, control, fundraising, and professionalism.

Managing Patients' Organizations to Improve Healthcare: Emerging Research and Opportunities delivers emerging research that raises awareness about the contribution of patient organizations in the healthcare process within regulatory authorities, public, and healthcare managers and improves patients' managerial and healthcare professional skills for more efficient and effective processes of care. Featuring coverage on a broad range of topics such as organizational management, patient value, and quality healthcare, this book is ideally designed for policymakers, healthcare administrators, medical practitioners, researchers, academicians, students, and industry professionals seeking current research on public policy management and healthcare management.

Topics Covered:

- Healthcare Delivery
- Healthcare Systems
- Organizational Management
- Patient Empowerment
- Patient Value
- Performance Management
- Public Administration Theory
- Public Health Policy
- Quality Healthcare
- System Dynamics

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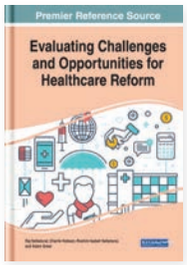

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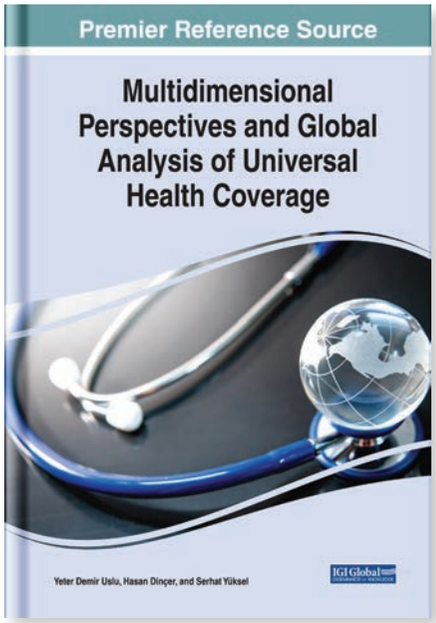
Profs. Yeter Demir Uslu (Istanbul Medipol University, Turkey), Hasan Dinçer (Istanbul Medipol University, Turkey), and Serhat Yüksel (İstanbul Medipol University, Turkey)



Description:

Many countries are seeking to reach an effective universal health coverage system to increase the quality of life of their citizens. By implementing universal health coverage, countries can support all citizens, including those who do not have the financial power to pay for healthcare services, in receiving the necessary medical treatment to enable them to live healthier lives.

Multidimensional Perspectives and Global Analysis of Universal Health Coverage is an essential reference source that defines the significance of universal health coverage and studies multiple concepts related to universal health coverage that can support qualified recommendations for governments seeking to improve their healthcare situation. Featuring research on topics such as financial risk, organizational performance, and patient safety, this book is ideally designed for policymakers, hospital executives, government officials, lawmakers, politicians, academicians, students, and researchers.

Topics Covered:

- Financial Risk
- Health Ecosystems
- Health Reform
- Income Inequality
- Medical Error
- Mental Health
- Organizational Performance
- Patient Safety
- Public Health
- Strategic Management

ISBN: 9781799823292
Release Date: January, 2020
Copyright: 2020
Pages: 499

Pricing:

Hardcover: US $265.00
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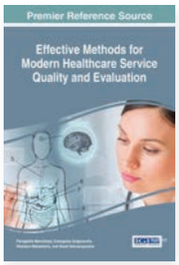

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© 2016; 315 pp.

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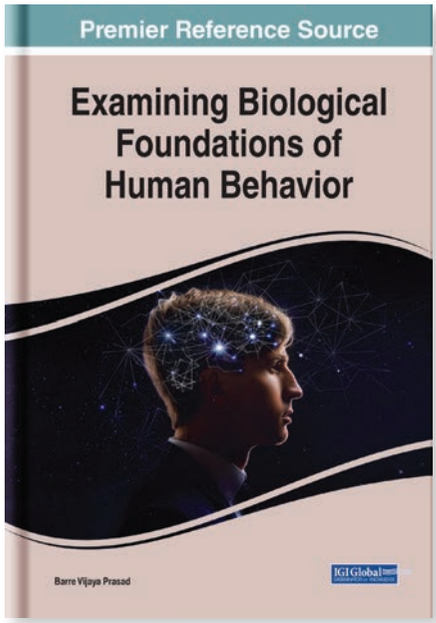

探究人类行为的生物学基础

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Barre Vijaya Prasad (Dharwad Institute of Mental Health and Neurosciences, India)

ISBN: 9781799828600
Release Date: January, 2020
Copyright: 2020
Pages: 266

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Description:

Biopsychology is a branch of psychology that analyzes how the brain and neurotransmitters influence our behaviors, thoughts, and feelings. It is a subdivision of behavioral neuroscience that studies the neural mechanisms of perception and behavior through direct manipulation of the brains of nonhuman animal subjects in controlled experiments. Biopsychology studies many topics relating to the body's response to a behavior or activity in an organism. It concerns the brain cells, structures, components, and chemical interactions that are involved in order to produce actions. Psychologists in this field usually focus their attention to topics such as drives and motivations.

Examining Biological Foundations of Human Behavior is a critical scholarly resource that provides comprehensive research on biological factors of behavior, structure of the brain, and intervention and treatment issues and methods. Featuring a range of topics such as biopsychology, rehabilitation, and neurobiology, this book is ideal for researchers, neuropsychologists, clinical psychologists, neuroscientists, neurosurgeons, psychiatric nurses, psychosocial rehabilitation therapists, mental health counselors, physicians, social scientists, neurobiologists, psychiatrists, academicians, and professionals.

Topics Covered:

- Behavior
- Biochemistry
- Biopsychology
- Human Brain Mapping
- Neuro-Psychiatric Conditions
- Neurobiology
- Neuropsychological Assessment
- Neuropsychology
- Neurotransmitter
- Psychopharmacology
- Rehabilitation

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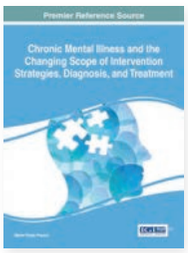

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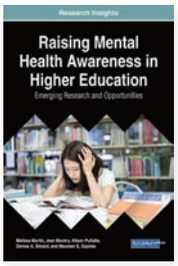
© 2017; 404 pp.



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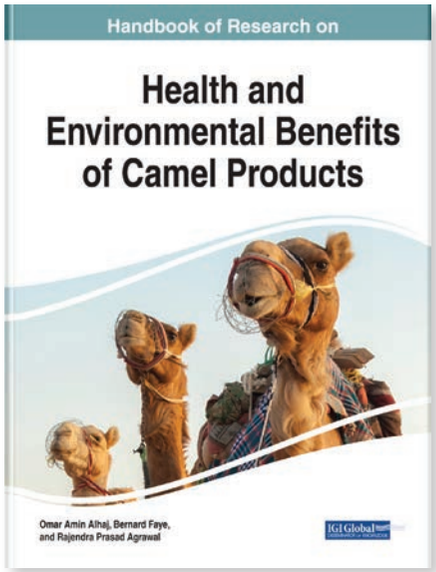

Description:

In recent years, there has been a rise in the demand of alternative agricultural commodities, specifically camel milk-based products. Camel products have become highly coveted items in today's commercial market due to their environmental and health advantages. However, there is a lack of research and literature on camel milk and related camel goods. Up-to-date information is needed to give researchers a better understanding of the compositional and functional properties of camel milk production.

The **Handbook of Research on Health and Environmental Benefits of Camel Products** is an essential reference source that discusses the nutritional, physical, and chemical factors of camel milk in comparison to other animal milks and introduces benefits attributed to camel meat. The up-to-date potential health benefits of fresh and fermented camel milk in vitro and in vivo will be also covered in addition to the link between functional constituents and the functional properties of milk. The authors will review the recent research on the functional properties of camel milk such as the angiotensin converting enzyme, antimicrobial, anticancer, and hypocholesterolimic effects. Featuring research on topics such as colostrum composition, meat production, and nutritional value, this book is ideally designed for health professionals, environmentalists, dieticians, food industry professionals, researchers, academicians, and students seeking coverage on the compositional and physiological aspects of camel products.

ISBN: 9781799816041
Release Date: December, 2019
Copyright: 2020
Pages: 480

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Anti-Diabetic Effect
- Camel Farming
- Camel Gelatin
- Camel Hair
- Camel History
- Camel Meat
- Camel Milk Cheese
- Camel Milk Composition
- Camel Milk Preservation
- Chronic Disease
- Colostrum Composition
- Cosmeceutical
- Disease Prevention
- Industrial Methods Influence
- Milk Manufacturing
- Nutraceuticals
- Nutritional Value
- Therapeutic Properties

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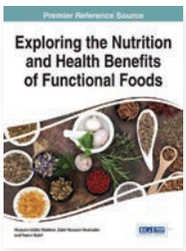
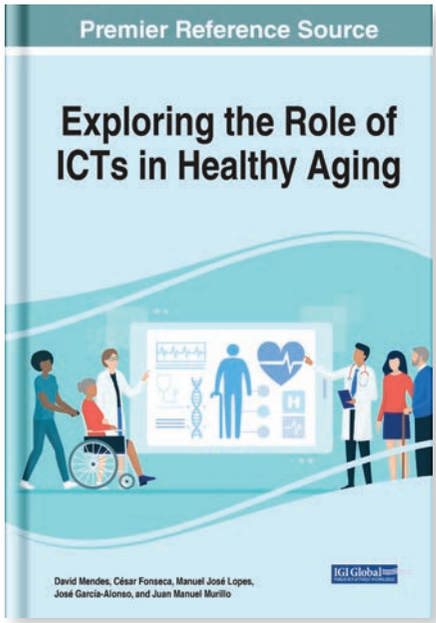


Exploring the Nutrition and Health Benefits of Functional Foods
© 2017; 523 pp.



探讨ICTs在健康老龄化中的职能

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. David Mendes (Universidade de Évora, Portugal), César Fonseca (Universidade de Évora, Portugal), Manuel José Lopes (Universidade de Évora, Portugal), José García-Alonso (Universidad de Extremadura, Spain), and Juan Manuel Murillo (Universidad de Extremadura, Spain)

ISBN: 9781799819370
Release Date: May, 2020
Copyright: 2020
Pages: 292

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Description:

Technological innovation continues to be present in all areas of our lives, offering seemingly endless possibilities. As technology is increasingly implemented in healthcare applications, it is necessary to understand whether users respond to a predefined organizational strategy of model of care or whether they will become wholly dependent on the healthcare technology. This understanding is especially crucial when dealing with the possibility of generating inequities, especially with individuals that are elderly.

Exploring the Role of ICTs in Healthy Aging is a collection of innovative research that proposes the detailed study of a strategic framework for the development of technological innovation in healthcare and for its adoption by health organizations. While highlighting topics including emotional health, quality of life, and telemedicine, this book is ideally designed for physicians, nurses, hospital staff, medical professionals, home care providers, hospital administrators, academicians, students, and researchers. Moreover, the book will provide insights and support executives concerned with the management of expertise, knowledge, information, and organizational development in different types of healthcare units at various levels.

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Topics Covered:

- Digital Media
- eHealth
- Emotional Health
- Home-Based Care
- Media Literacy
- Mobile Health
- Quality of Life
- Smart Technology
- Telemedicine
- Virtual Reality

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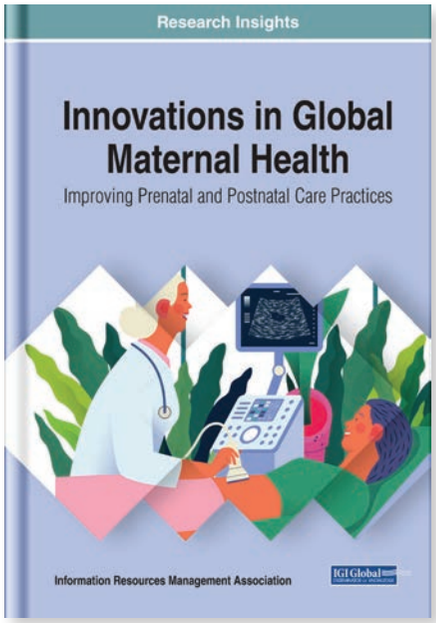
© 2016; 494 pp.

Virtual Reality Enhanced Robotic Systems for Disability Rehabilitation
© 2016; 383 pp.

全球产妇保健创新：改善产前和产后护理措施

Mehdi Khosrow-Pour, D.B.A.



ISBN: 9781799823513
Release Date: December, 2019
Copyright: 2020
Pages: 437

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Description:

Whether they are in developed or developing nations, all women are susceptible to dying from complications in childbirth. While some of these complications are unavoidable, many develop during pregnancy and can be prevented or, when caught in time, treated. These difficulties are often a result of inaccessibility to care, inadequate health services, poor prenatal screening, and uninformed mothers, among others, that in many cases are a direct consequence of the mother's geographical location and economic status.

Innovations in Global Maternal Health: Improving Prenatal and Postnatal Care Practices explores new techniques, tools, and solutions that can be used in a global capacity to support women during pregnancy, childbirth, and the postpartum period, regardless of their wealth or location. Highlighting a range of topics such as maternal care models, breastfeeding, and social media and internet health forums, this publication is an ideal reference source for world health organizations, obstetricians, midwives, lactation consultants, doctors, nurses, hospital staff, directors, counselors, therapists, academicians, and researchers interested in the latest practices currently in use that can combat maternal mortality and morbidity and lead to healthier women and newborns.

Topics Covered:

- Breastfeeding
- Clinical Health Systems
- Emergency Care Models
- Environmental Risks
- High-Risk Pregnancies
- Maternal Care Models
- Maternal Morbidity
- Phthalates
- Postpartum Depression
- Rural Health Monitoring
- Social Media and Internet Forums

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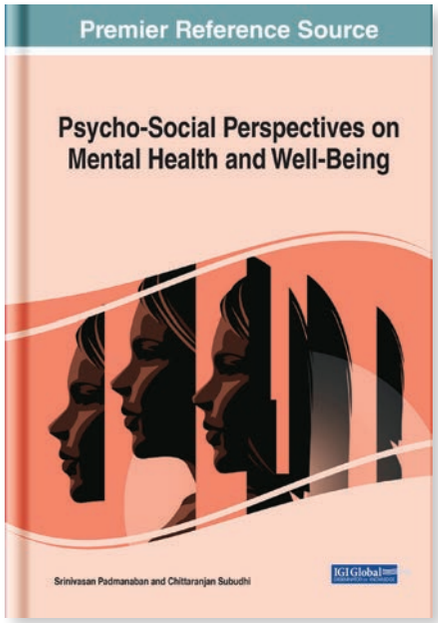

心理健康与幸福的心理社会观点

Part of the Advances in Psychology, Mental Health, and Behavioral Studies Book Series

Profs. Srinivasan Padmanaban (Central University of Tamil Nadu, India) and Chittaranjan Subudhi (Central University of Tamil Nadu, India)

ISBN: 9781799811855
Release Date: November, 2019
Copyright: 2020
Pages: 391

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Description:

There is a long tradition of practicing positive well-being through state, religion, seers, traditional medical practitioners, yoga practitioners, etc. With the advent of science and technology, individuals have begun to incorporate modern practices with traditional practices to improve the general state of health in society. However, more research needs to be done regarding physical, social, and emotional medical methods and practices.

Psycho-Social Perspectives on Mental Health and Well-Being is a collection of comprehensive knowledge on health, mental health, spirituality, and its impact on well-being. While highlighting topics including emotional health, positive psychology, and spirituality care, this book is ideally designed for psychologists, therapists, psychiatrists, counsellors, social workers, nurses, medical practitioners, mental health professionals, students, researchers, and academicians seeking current research on a wide range of theories, models, and practices for the promotion of well-being.

Topics Covered:

- Autism Disorders
- Emotional Health
- Healthcare Administration
- Medical Diagnosis
- Mental Illness
- Positive Psychology
- Psychiatry
- Quality of Life
- Spirituality Care
- Student Well-Being

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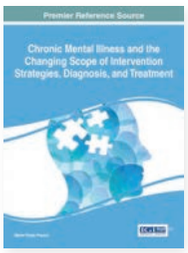

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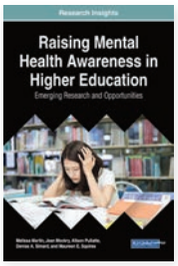

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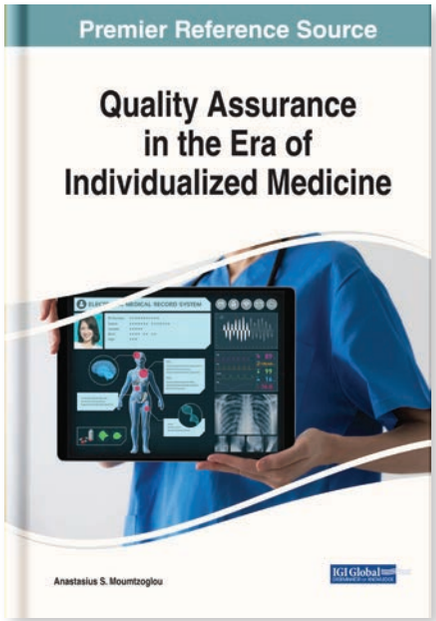

Description:

There is a significant deficiency among contemporary medicine practices reflected by experts making medical decisions for a large proportion of the population for which no or minimal data exists. Fortunately, our capacity to procure and apply such information is rapidly rising. As medicine becomes more individualized, the implementation of health IT and data interoperability become essential components to delivering quality healthcare.

Quality Assurance in the Era of Individualized Medicine is a collection of innovative research on the methods and utilization of digital readouts to fashion an individualized therapy instead of a mass-population-directed strategy. While highlighting topics including assistive technologies, patient management, and clinical practices, this book is ideally designed for health professionals, doctors, nurses, hospital management, medical administrators, IT specialists, data scientists, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Assistive Technologies
- Clinical Practices
- E-Health
- Electronic Records
- Image Analysis
- Laboratory Testing
- Patient Management
- Personalized Nutrition
- Population Health

ISBN: 9781799823902
Release Date: November, 2019
Copyright: 2020
Pages: 346

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

This Book is Included in:

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Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
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Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.

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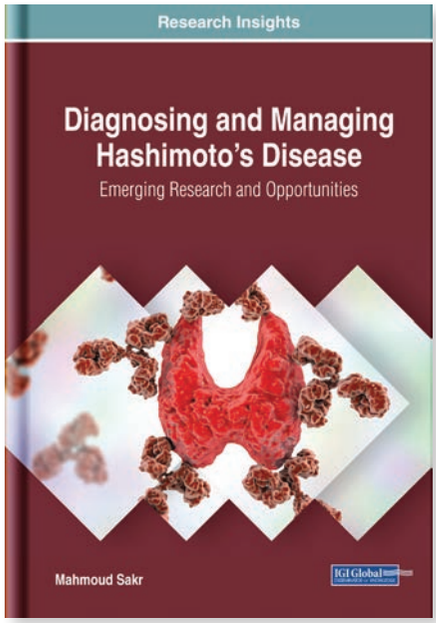

桥本病的诊断和治疗：新兴研究和机遇

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Mahmoud Sakr (Alexandria University, Egypt)

Description:

Once thought uncommon, cases of Hashimoto's thyroiditis are becoming much more commonplace through the increasing use of needle biopsy and serologic tests for antibodies that have led to much more frequent recognition. It is currently one of the most common thyroid disorders with the possibility that it may be increasing in frequency. As diagnostic methods improve, it is imperative that quick treatments are administered to improve the quality of life of patients.

Diagnosing and Managing Hashimoto's Disease: Emerging Research and Opportunities is an essential publication that provides critical reference material for diagnosing and treating Hashimoto's Disease in a clinical environment. Featuring research on topics such as spontaneous hypothyroidism, papillary thyroid carcinoma, and differential diagnosis, this publication is ideally designed for clinicians, therapists, doctors, nurses, hospital administrators, researchers, educators, academicians, and students looking for the most up-to-date research on treating Hashimoto's Disease.

ISBN: 9781522596554
Release Date: November, 2019
Copyright: 2020
Pages: 263

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Differential Diagnosis
- Epidemiology
- Etiology
- Papillary Thyroid Carcinoma
- Pathogenesis
- Pathology
- Serology
- Spontaneous Hypothyroidism
- Thyroid Disorders
- Thyroid Health
- Women's Health

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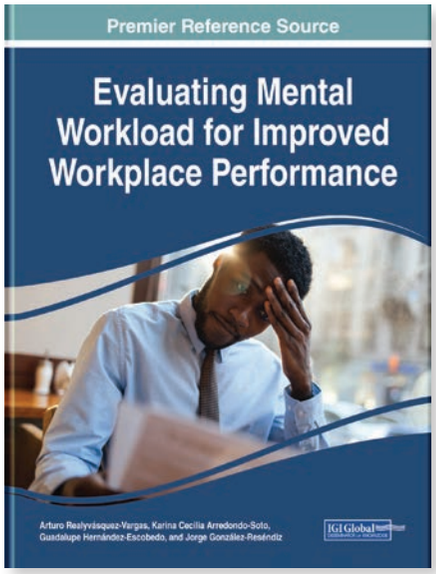
评估心理工作负荷以改善职场业绩

Part of the Advances in Psychology, Mental Health, and Behavioral Studies Book Series

Profs. Arturo Realyvásquez-Vargas (Instituto Tecnológico de Tijuana, Mexico), Karina Cecilia Arredondo-Soto (Universidad Autónoma de Baja California, Mexico), Guadalupe Hernández-Escobedo (Instituto Tecnológico de Tijuana, Mexico), and Jorge González-Reséndiz (Instituto Tecnológico de Tijuana, Mexico)



Description:

Employees of different labor sectors are involved in different projects and pressed to deliver results in a specific period of time, which increases their mental workload. This increase can lead to a high mental workload, which in turn leads to a decline in job performance. Therefore, strategies for managing mental workload and promoting mental health have become necessary for corporate success.

Evaluating Mental Workload for Improved Workplace Performance is a critical scholarly book that provides comprehensive research on mental workload and the effects, both adverse and positive, that it can have on employee populations as well as strategies for decreasing or deleting it from the labor sector. Highlighting an array of topics such as psychosocial factors, critical success factors (CSF), and technostress, this book is ideal for academicians, researchers, managers, ergonomists, engineers, industrial designers, industry practitioners, and students.

ISBN: 9781799810520
Release Date: November, 2019
Copyright: 2020
Pages: 334

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Academics
- Critical Success Factors (CSF)
- Higher Education
- Manufacturing
- Mental Workload
- Performance Evaluation
- Psychosocial Factors
- Quality Management
- Six Sigma (SS)
- Technostress

This Book is Included in:

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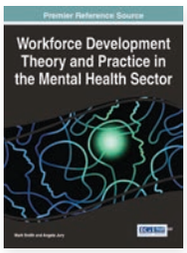
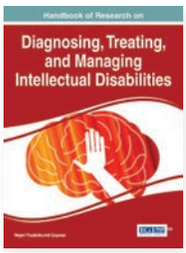


Workforce Development Theory and Practice in the Mental Health Sector
© 2017; 378 pp.



Handbook of Research on Diagnosing, Treating, and Managing Intellectual Disabilities
© 2016; 496 pp.

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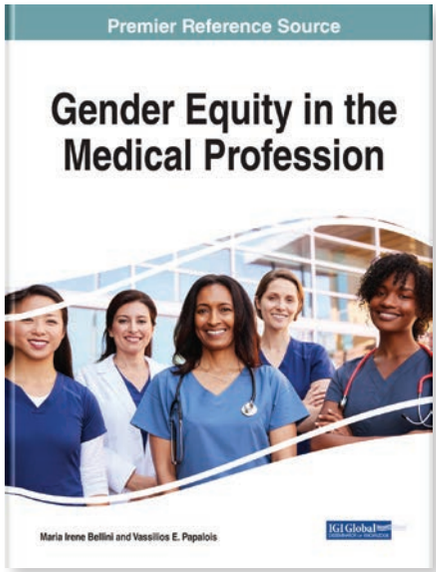

医疗行业的性别平等：新兴研究与机遇

Part of the Advances in Medical Education, Research, and Ethics Book Series

Profs. Maria Irene Bellini (Belfast Health and Social Care Trust, UK) and Vassilios E. Papalois (Imperial College London, UK)

Description:

The presence of women in the practice of medicine extends back to ancient times; however, up until the last few decades, women have comprised only a small percentage of medical students. The gradual acceptance of women in male-dominated specialties has increased, but a commitment to improving gender equity in the medical community within leadership positions and in the academic world is still being discussed.

Gender Equity in the Medical Profession delivers essential discourse on strategically handling discrimination within medical school, training programs, and consultancy positions in order to eradicate sexism from the workplace. Featuring research on topics such as gender diversity, leadership roles, and imposter syndrome, this book is ideally designed for health professionals, doctors, nurses, hospital staff, hospital directors, board members, activists, instructors, researchers, academicians, and students seeking coverage on strategies that tackle gender equity in medical education.

ISBN: 9781522595991
Release Date: August, 2019
Copyright: 2020
Pages: 339

Pricing:

Hardcover: US $265.00
E-Book: US $265.00

Topics Covered:

- Gender Diversity
- Glass Ceiling
- Healthcare Administration
- Imposter Syndrome
- Leadership Roles
- Medical Communication
- Public Health
- Sexism
- Unconscious Bias
- Work-Life Balance

This Book is Included in:

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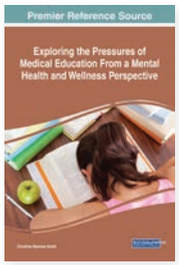


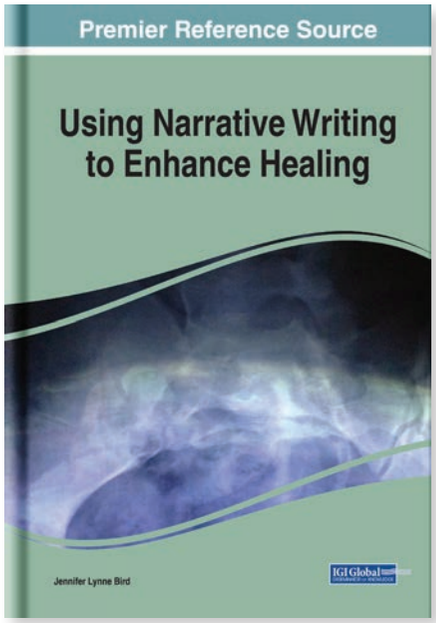
Exploring the Pressures of Medical Education From a Mental Health and Wellness Perspective
© 2018; 349 pp.

Handbook of Research on Advancing Health Education through Technology
© 2016; 588 pp.

运用叙述性写作提高治愈率

Part of the Advances in Medical Diagnosis, Treatment, and Care Book Series

Prof. Jennifer Lynne Bird (Oxbridge Academy, USA)



Description:

The fields of writing as healing and health coaching have expanded to aid in the physical and emotional healing of patients. Using writing as a healing method allows patients to create new perspectives of their healing processes and professionals to propose new methods of healing that promote and maintain a positive outlook.

Using Narrative Writing to Enhance Healing is an essential scholarly publication that approaches healing through the fields of education and medicine. Featuring a wide range of topics such as collaborative narratives, patient education, and health coaching, this book is ideal for writing instructors, physical therapists, teachers, therapists, psychologists, mental health professionals, medical professionals, counselors, religious leaders, mentors, administrators, academicians, and researchers.

Topics Covered:

- Anxiety
- Collaborative Narratives
- Healing Methods
- Health Coaching
- Health Education
- Multigenre Medicine
- Multigenre Narrative
- Patient Education
- Spirituality
- Stress Management

ISBN: 9781799819318
Release Date: November, 2019
Copyright: 2020
Pages: 355

Pricing:

Hardcover: US $275.00
E-Book: US $275.00

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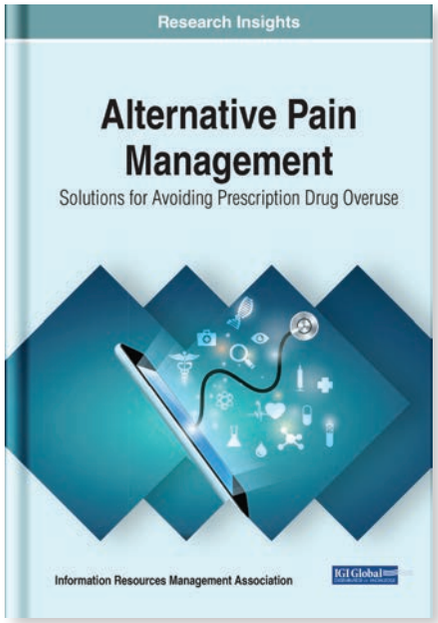
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.



替代性疼痛管理：避免处方药过度使用的解决方案

Mehdi Khosrow-Pour, D.B.A.

ISBN: 9781799816805
Release Date: October, 2019
Copyright: 2020
Pages: 388

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

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Description:

With the growing dependency on prescription drugs and concerns about the rise of opioid addiction, providing effective pain management alternatives is a primary concern for health professionals and all of society. Online tools and alternative therapies are becoming more prevalent in supporting the management of pain and provide treatment opportunities for patients who do not want to rely solely on prescription medication.

Alternative Pain Management: Solutions for Avoiding Prescription Drug Overuse is an essential reference source that provides alternative solutions for managing and treating chronic pain, including through the use of mobile applications, online programs, self-management strategies, and virtual reality. Additionally, the book promotes a further understanding of pain and how it is diagnosed and reviews pharmaceutical accountability when prescribing drugs for pain management. Highlighting a range of topics such as cryotherapy, pain assessment, and prescription tracking, this publication is an ideal reference source for physicians, nurses, hospital staff, surgeons, medical professionals, pharmacists, researchers, academics, and upper-level students.

Topics Covered:

- Chronic Pain
- Cryotherapy
- Drug Addiction
- Drug Design and Discovery
- Mobile Applications
- Multi-Drug Therapy
- Online Pain Program
- Pain Assessment
- Patient Safety
- Prescription Tracking
- Self-Efficacy
- Self-Management
- Therapeutic Activity
- Toxicology
- Virtual Reality

Related Books

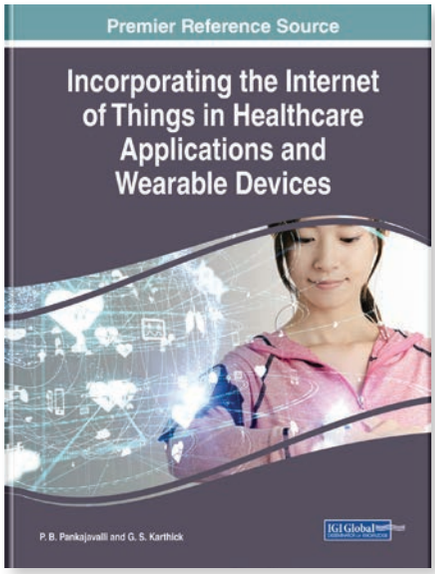
Handbook of Research on Trends in the Diagnosis and Treatment of Chronic Conditions
© 2016; 659 pp.

Healthcare Community Synergism between Patients, Practitioners, and Researchers
© 2017; 348 pp.

将物联网纳入医疗保健应用与可穿戴设备

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. P. B. Pankajavalli (Bharathiar University, India) and G. S. Karthick (Bharathiar University, India)



Description:

The internet of things (IoT) has had a major impact on academic and industrial fields. Applying these technologies to healthcare systems reduces medical costs while enriching the patient-centric approach to medicine, allowing for better overall healthcare proficiency. However, usage of IoT in healthcare is still suffering from significant challenges with respect to the cost and accuracy of medical sensors, non-standard IoT system architectures, assorted wearable devices, the huge volume of generated data, and interoperability issues.

Incorporating the Internet of Things in Healthcare Applications and Wearable Devices is an essential publication that examines existing challenges and provides solutions for building smart healthcare systems with the latest IoT-enabled technology and addresses how IoT improves the proficiency of healthcare with respect to wireless sensor networks. While highlighting topics including mobility management, sensor integration, and data analytics, this book is ideally designed for computer scientists, bioinformatics analysts, doctors, nurses, hospital executives, medical students, IT specialists, software developers, computer engineers, industry professionals, academicians, researchers, and students seeking current research on how these emerging wireless technologies improve efficiency within the healthcare domain.

ISBN: 9781799810902
Release Date: October, 2019
Copyright: 2020
Pages: 288

Pricing:

Hardcover: US $285.00
E-Book: US $285.00

Topics Covered:

- Cloud Computing
- Data Analytics
- E-Health
- Machine Learning
- Mobility Management
- Privacy and Security
- Sensor Integration
- Software-Defined Networking
- Storage Challenges
- Wireless Body Area Network

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Related Books

Emerging Research in the Analysis and Modeling of Gene Regulatory Networks
© 2016; 418 pp.

Design, Development, and Integration of Reliable Electronic Healthcare Platforms
© 2017; 357 pp.

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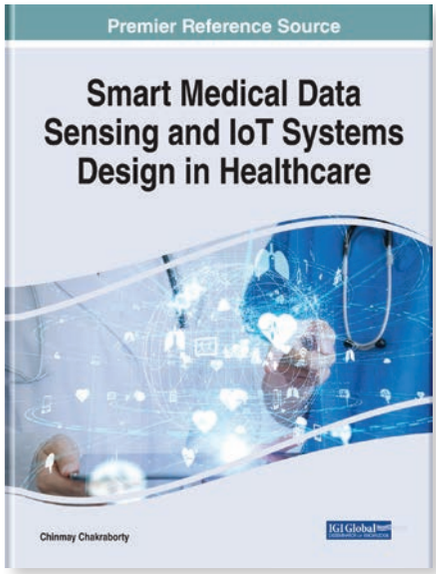

医疗保健智能医疗数据传感与物联网系统设计

Part of the Advances in Healthcare Information Systems and Administration Book Series

Prof. Chinmay Chakraborty (Birla Institute of Technology, India)

Description:

Smart healthcare technology improves the diagnosis and treatment of patients, provides easy access to medical facilities and emergency care services, and minimizes the gaps between patients and healthcare providers. While clinical data protection remains a major challenge, innovations such as the internet of medical things and smart healthcare systems increase the efficiency and quality of patient care. Healthcare technology can only become faster, more profitable, and more flexible as additional research on its advancements is conducted and collected.

Smart Medical Data Sensing and IoT Systems Design in Healthcare is an essential reference source that focuses on robust and easy solutions for the delivery of medical information from patients to doctors and explores low-cost, high-performance, highly efficient, deployable IoT system options in healthcare systems. Featuring research on topics such as hospital management systems, electronic health records, and bio-signals, this book is ideally designed for technologists, engineers, scientists, clinicians, biomedical engineers, hospital directors, doctors, nurses, healthcare practitioners, telemedical agents, students, and academicians seeking coverage on the latest technological developments in medical data analysis and connectivity.

ISBN: 9781799802617
Release Date: September, 2019
Copyright: 2020
Pages: 288

Pricing:

Hardcover: US $275.00
E-Book: US $275.00

Topics Covered:

- Artificial Intelligence
- Bio-Signals
- E-Health
- Electronic Health Records
- Hospital Management Systems
- Internet of Medical Things
- Personalized Healthcare Apps
- Remote Patient Monitoring
- Telemedicine
- Ubiquitous Computing
- Wireless Sensor Networks

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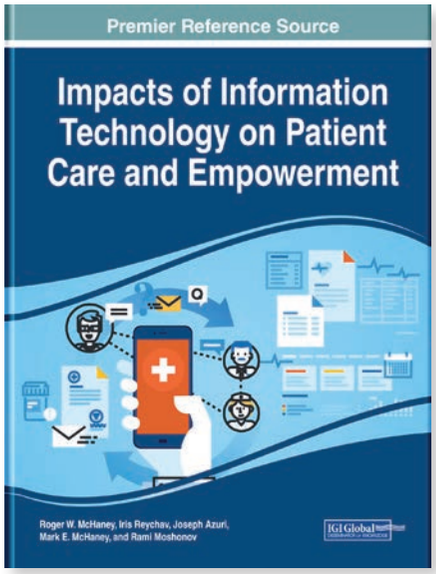
© 2019; 300 pp.

Mobile Health Applications for Quality Healthcare Delivery
© 2019; 327 pp.

信息技术对患者护理与赋权的影响

Part of the Advances in Medical Technologies and Clinical Practice Book Series

Profs. Roger W. McHaney (Kansas State University, USA), Iris Reychev (Ariel University, Israel), Joseph Azuri (Maccabi Healthcare Services, Israel), Mark E. McHaney (U.S. Air Force, USA), and Rami Moshonov (Assuta Medical Centers, Israel)



Description:

Modern technology has impacted healthcare and interactions between patients and healthcare providers through a variety of means including the internet, social media, mobile devices, and the internet of things. These new technologies have empowered, frustrated, educated, and confused patients by making educational materials more widely available and allowing patients to monitor their own vital signs and self-diagnose. Further analysis of these and future technologies is needed in order to provide new approaches to empowerment, reduce mistakes, and improve overall healthcare.

Impacts of Information Technology on Patient Care and Empowerment is a critical scholarly resource that delves into patient access to information and the effect that access has on their relationship with healthcare providers and their health outcomes. Featuring a range of topics such as gamification, mobile computing, and risk analysis, this book is ideal for healthcare practitioners, doctors, nurses, surgeons, hospital staff, medical administrators, patient advocates, researchers, academicians, policymakers, and healthcare students.

ISBN: 9781799800477
Release Date: September, 2019
Copyright: 2020
Pages: 452

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Big Data
- Gamification
- Hospice
- Internet of Things
- Long-Term Care
- Mobile Computing
- Patient-Centered Experience
- Patient-Provider Communication
- Risk Analysis
- Senior Care Facilities
- Social Media
- Subsequent Care

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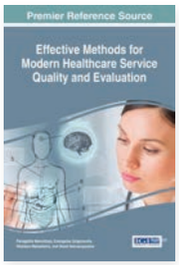
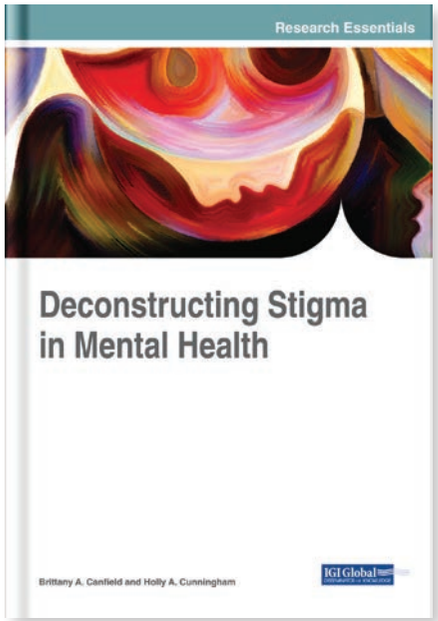


Effective Methods for Modern Healthcare Service Quality and Evaluation
© 2016; 315 pp.

Nutraceutical and Functional Foods in Disease Prevention
© 2019; 569 pp.



解构心理健康中的病耻感

Part of the Advances in Psychology, Mental Health, and Behavioral Studies Book Series

Profs. Brittany A. Canfield (Southern New Hampshire University, USA) and Holly A. Cunningham (CPES Inc., USA)

ISBN: 9781522538080
Release Date: May, 2018
Copyright: 2018
Pages: 307

Pricing:

Hardcover: US $225.00
E-Book: US $225.00

Description:

Stigma continues to play an integral role in the multifaceted issues facing mental health. While identifying a clear operational definition of stigma has been a challenge in the field, the issues related to stigma grossly affect not only the mental health population but society as a whole.

Deconstructing Stigma in Mental Health provides emerging research on issues related to stigma as a whole including ignorance, prejudice, and discrimination. While highlighting issues such as stigma and its role in mental health and how stigma is perpetuated in society, this publication explores the historical context of stigma, current issues and resolutions through intersectional collaboration, and the deconstruction of mental health stigmas. This book is a valuable resource for mental health administrators and clinicians, researchers, educators, policy makers, and psychology professionals seeking information on current mental health stigma trends.

Topics Covered:

- Cultural Beliefs
- Mental Illness
- Racial Stigma
- Recovery
- Relational-Cultural Theory
- Schizophrenia
- Social Media and Mental Health
- Social Work
- Therapeutic Relationships

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"Collaboratively, this book ***challenges the very language responsible for the perpetuation of stigma and draws attention to the multi-level participation*** *that is required from community members, mental health professionals, and extending to the criminal justice system."*

- Profs. Brittany A. Canfield (Southern New Hampshire University, USA) and Holly A. Cunningham (CPES Inc., USA)

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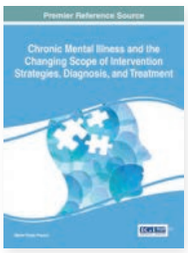
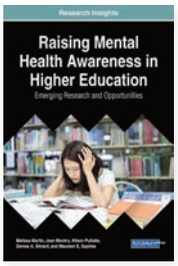


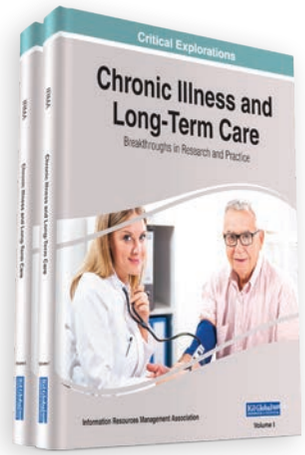
Chronic Mental Illness and the Changing Scope of Intervention Strategies, Diagnosis, and Treatment
© 2017; 404 pp.



Raising Mental Health Awareness in Higher Education: Emerging Research and Opportunities
© 2018; 136 pp.

Research Anthology on

Chronic Illness and Long-Term Care: Breakthroughs in Research and Practice (2 Volumes)



Stemming from environmental, genetic, and situational factors, chronic disease is a critical concern in modern medicine. Managing treatment and controlling symptoms is imperative to the longevity and quality of life of patients with such diseases.

Research Anthology on Chronic Illness and Long-Term Care: Breakthroughs in Research and Practice features current research on the diagnosis, monitoring, management, and treatment of chronic diseases such as diabetes, Parkinson's disease, autoimmune disorders, and many more. Highlighting a range of topics such as medication management, quality-of-life issues, and sustainable health, this publication is an ideal reference source for hospital administrators, healthcare professionals, academicians, researchers, and graduate-level students interested in the latest research on chronic diseases and long-term care.

ISBN: 978-1-5225-7122-3
EISBN: 978-1-5225-7123-0
© 2019; 845 pp.

Pricing
Hardcover: US $465
E-Book: US $465

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Topics Covered:

- Aging
- Alzheimer's Disease
- Autoimmune Disease
- Cardiovascular Disease
- Caregivers
- Dementia
- Diabetes
- Herbal Medicine
- Long-Term Care
- Medical Management
- Medical Technology
- Medication Management
- Mental Illness
- Pain Management
- Patient-Driven Care
- Quality of Care
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- Sustainable Health

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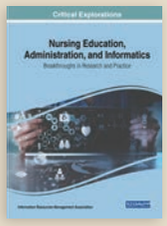

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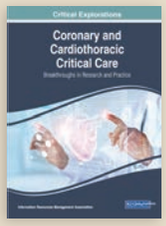

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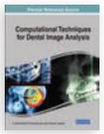

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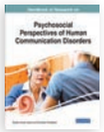

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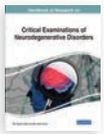

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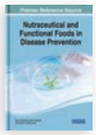

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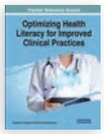

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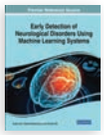

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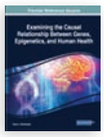

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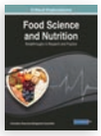

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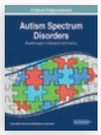

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- Manufacturing
- Materials Science
- Mechanical Engineering
- Megacities
- Mining Engineering
- Nanotechnology
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- Sensor Technology
- Smart Cities
- Smart Homes
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- Water Networks
- Welding

ISBN: 978-1-5225-7943-4
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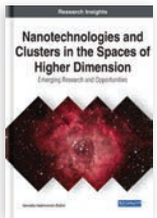
Big Data Analytics in Traffic and Transportation Engineering: Emerging Research and Opportunities

Prof. Sara Moridpour (RMIT University, Australia), et al.

An essential reference source that discusses access to transportation and examines vehicle-pedestrian crashes, specifically in relation to socioeconomic factors that influence them, main predictors, factors that contribute to crash severity, and the enhancement of pedestrian safety measures.



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Prof. Gennadiy Vladimirovich Zhizhin (Independent Researcher, Russia)

Provides emerging research exploring the theoretical and practical aspects of the production of intermetallic clusters in high dimensional spaces using nanotechnology.

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Profs. K. Kumar (Birla Institute of Technology, India) and J. Paulo Davim (University of Aveiro, Portugal)

An essential research source that explores the structure and processes used in creating goods and the methods by which these goods are improved in order to continue competitiveness in the consumer market.

ISBN: 978-1-7998-4255-2
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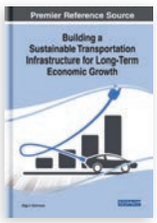
Airline Green Operations Strategies: Emerging Research and Opportunities

Prof. Yazan Khalid Abed-Allah Migdadi (Qatar University, Qatar)

An essential publication that examines methods of managing and limiting harmful waste and emissions from airlines and supports the adoption of the most effective green operation strategies, policies, and regulations by airlines.



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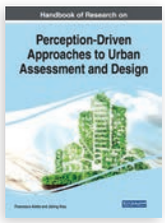
Prof. Olga V. Smirnova (East Carolina University, USA)

Examines contemporary transportation issues through the lens of various modes of transportation while also focusing on the importance of sustainability, urban planning, and funding.



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Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design

Prof. Francesco Aletta (University of Sheffield, UK), et al.

A scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face.

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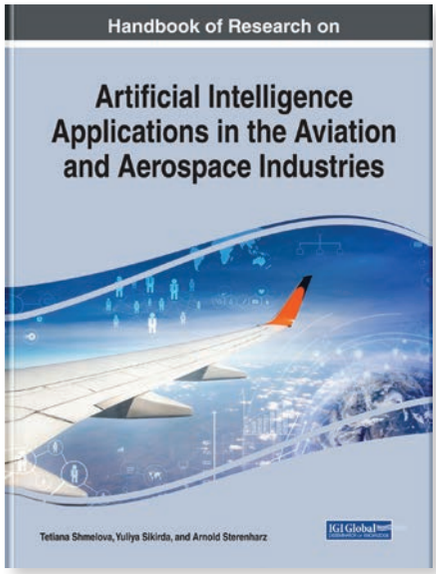

航空航天工业中的人工智能运用

Part of the Advances in Mechatronics and Mechanical Engineering Book Series

Profs. Tetiana Shmelova (National Aviation University, Ukraine), Yuliya Sikirda (Flight Academy of National Aviation University, Ukraine), and Arnold Sterenharz (EXOLAUNCH GmbH, Germany)

ISBN: 9781799814153
Release Date: October, 2019
Copyright: 2020
Pages: 517

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Description:

With the emergence of smart technology and automated systems in today's world, artificial intelligence (AI) is being incorporated into an array of professions. The aviation and aerospace industry, specifically, is a field that has seen the successful implementation of early stages of automation in daily flight operations through flight management systems and autopilot. However, the effectiveness of aviation systems and the provision of flight safety still depend primarily upon the reliability of aviation specialists and human decision making.

The **Handbook of Research on Artificial Intelligence Applications in the Aviation and Aerospace Industries** is a pivotal reference source that explores best practices for AI implementation in aviation to enhance security and the ability to learn, improve, and predict. While highlighting topics such as computer-aided design, automated systems, and human factors, this publication explores the enhancement of global aviation security as well as the methods of modern information systems in the aeronautics industry. This book is ideally designed for pilots, scientists, engineers, aviation operators, air crash investigators, teachers, academicians, researchers, and students seeking current research on the application of AI in the field of aviation.

Topics Covered:

- Aerospace Systems
- Artificial Intelligence
- Automated Systems
- Aviation Systems
- Computer-Aided Design
- Digital Avionics Maintenance
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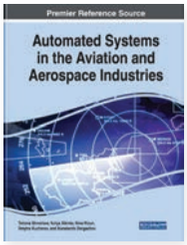

Automated Systems in the Aviation and Aerospace Industries
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Research Anthology on Reliability and Safety in Aviation Systems, Spacecraft, and Air Transport (3 Vols.)
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化学、制药、食品与工业应用的实验设计

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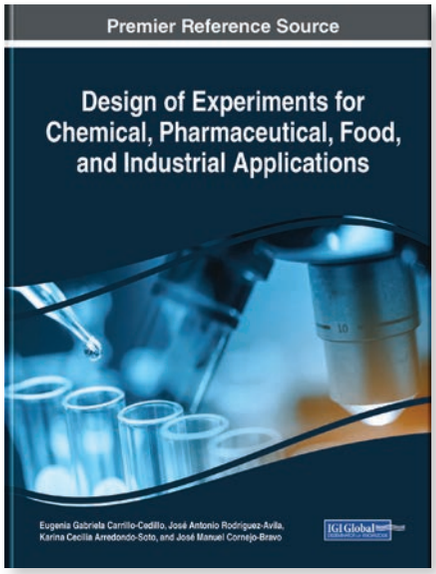
Prof. Eugenia Gabriela Carrillo-Cedillo (Universidad Autónoma de Baja California, Mexico), et al.



Description:

Statistics is a key characteristic that assists a wide variety of professions including business, government, and factual sciences. Companies need data calculation to make informed decisions that help maintain their relevance. Design of experiments (DOE) is a set of active techniques that provides a more efficient approach for industries to test their processes and form effective conclusions. Experimental design can be implemented into multiple professions, and it is a necessity to promote applicable research on this up-and-coming method.

Design of Experiments for Chemical, Pharmaceutical, Food, and Industrial Applications is a pivotal reference source that seeks to increase the use of design of experiments to optimize and improve analytical methods and productive processes in order to use less resources and time. While highlighting topics such as multivariate methods, factorial experiments, and pharmaceutical research, this publication is ideally designed for industrial designers, research scientists, chemical engineers, managers, academicians, and students seeking current research on advanced and multivariate statistics.

Topics Covered:

- Chemical Process
- Environmental Issues
- Factorial Experiments
- Food Industry
- Manufacturing Sector
- Multivariate Methods
- Pharmaceutical Research
- Random Factors
- Response Surface Methodology
- Robust Parameter Design

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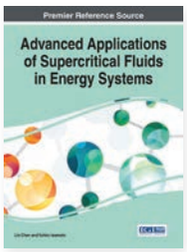

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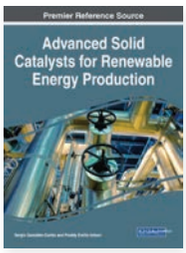

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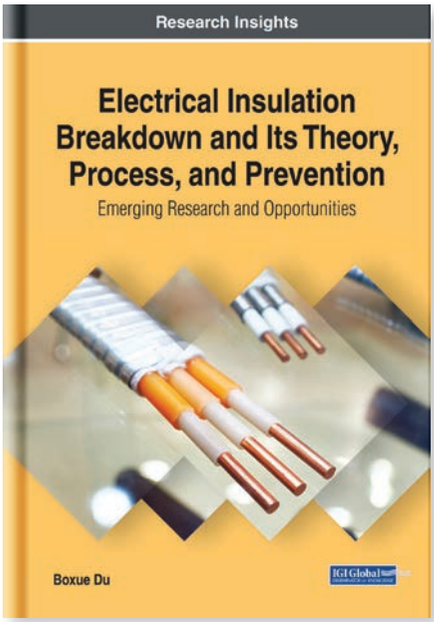

电绝缘击穿及其理论、过程与预防：新兴研究与机遇

Part of the Advances in Computer and Electrical Engineering Book Series

Prof. Boxue Du (Tianjin University, China)

Description:

In electrical engineering manufacturing, one of the most important processes stems from making sure the material used to distribute the electrical current is safe and operating correctly. The precarious nature of electricity makes developing innovative material for advanced safety a high-ranking priority for researchers.

Electrical Insulation Breakdown and Its Theory, Process, and Prevention: Emerging Research and Opportunities provides innovative insights into the latest developments and achievements in high voltage insulation breakdown. Featuring topics such as nanodielectrics, thermal stability, and transmission technology, it is designed for engineers, including those that work with high voltage power systems, researchers, practitioners, professionals, and students interested in the upkeep and practice of electric material safety.

ISBN: 9781522588856
Release Date: October, 2019
Copyright: 2020
Pages: 258

Pricing:

Hardcover: US $215.00
Softcover: US $165.00
E-Book: US $215.00

Topics Covered:

- Electric Field Distribution
- Electrical Engineering
- Insulation Failure
- Material Science
- Mechanical Stress
- Nanodielectrics
- Polymetric Material
- Thermal Aging
- Thermal Stability
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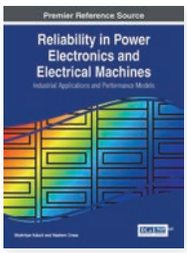

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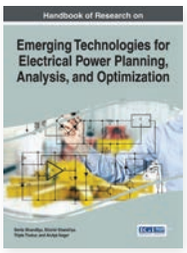
© 2016; 481 pp.



Handbook of Research on Emerging Technologies for Electrical Power Planning, Analysis, and Optimization
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Prof. Yazan Khalid Abed-Allah Migdadi (Qatar University, Qatar)

Description:

As environmental concerns increasingly dominate public consciousness, businesses are called upon to incorporate green methods and processes into their operations strategy. The aviation industry is no exception and is responsible for taking more actions to reduce the negative environmental impact. Designing and implementing a top-down strategy conscious of environmental impact is a monumental challenge. Only with a full understanding of the scientific and logistical hurdles can a green approach to airline operations succeed.

Airline Green Operations Strategies: Emerging Research and Opportunities is an essential publication that examines methods of managing and limiting harmful waste and emissions from airlines and supports the adoption of the most effective green operation strategies, policies, and regulations by airlines. Highlighting a broad range of topics including greenhouse gases, noise management, and competitive priorities, this book is ideally designed for executives, manufacturers, environmentalists, policymakers, academicians, researchers, and students.

Topics Covered:

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- Environmental Regulations
- Future Recommendation
- Greenhouse Gases
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Release Date: April, 2020
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Pages: 231

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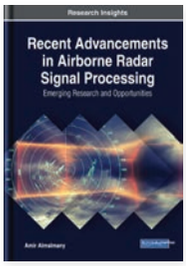

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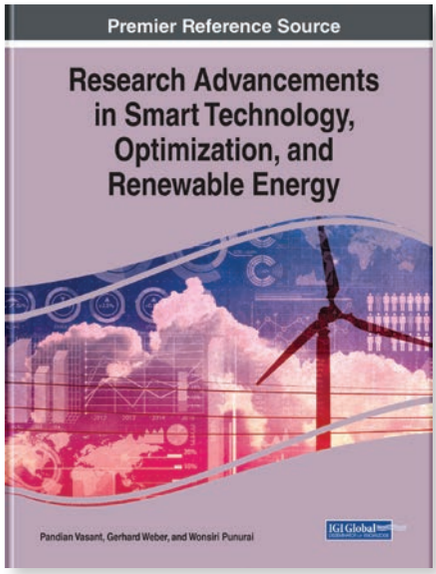

智能技术、优化和可再生能源的研究进展

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Profs. Pandian Vasant (University of Technology Petronas, Malaysia), Gerhard Weber (Poznan University of Technology, Poland), and Wonsiri Punurai (Mahidol University, Thailand)

ISBN: 9781799839705
Release Date: August, 2020
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Pages: 407

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As environmental issues remain at the forefront of energy research, renewable energy is now an all-important field of study. And as smart technology continues to grow and be refined, its applications broaden and increase in their potential to revolutionize sustainability studies. This potential can only be fully realized with a thorough understanding of the most recent breakthroughs in the field.

Research Advancements in Smart Technology, Optimization, and Renewable Energy is a collection of innovative research that explores the recent steps forward for smart applications in sustainability. Featuring coverage on a wide range of topics including energy assessment, neural fuzzy control, and biogeography, this book is ideally designed for advocates, policymakers, engineers, software developers, academicians, researchers, and students.

Topics Covered:

- Algorithms
- Biogeography
- Economic Load Dispatch
- Electric Power Sector
- Energy Assessment
- Energy Management Strategies
- Grey Wolf Optimization
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- Neural Fuzzy Control
- System Optimization
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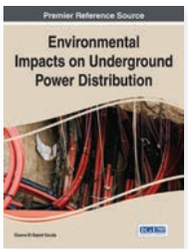

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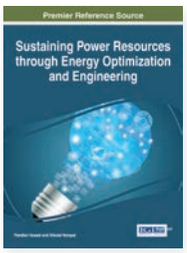

Sustaining Power Resources through Energy Optimization and Engineering
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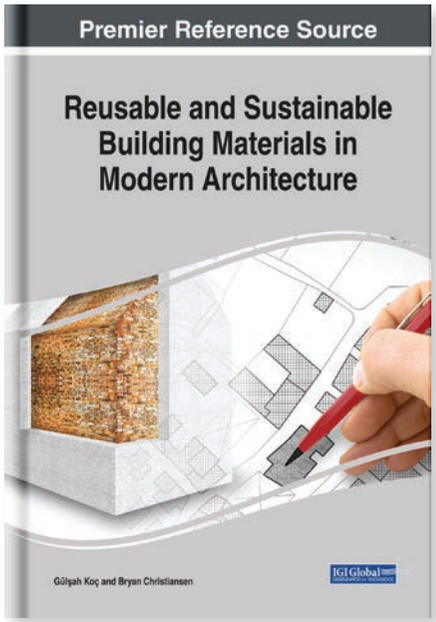
Profs. Gülşah Koç (Yildiz Technical University, Turkey) and Bryan Christiansen (Global Research Society, LLC, USA)



Description:

Designing buildings and physical environments depends on social structure, social needs, economic data, environment, and technological development. Planning these environments is heavily influenced by cultural and regional need, the existing environment, and the materials available.

Reusable and Sustainable Building Materials in Modern Architecture is an essential reference source that discusses the shaping of building design through culture and materials as well as the influence of environment on building design. Featuring research on topics such as passive design, ecological design, and urban design, this book is ideal for academicians, specialists, and researchers seeking coverage on culture, environment, and building design.

Topics Covered:

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- Building Materials
- Cultural Influences
- Ecological Design
- Ecology
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- Passive Design
- Synthetic Biology
- Urban Design

ISBN: 9781522569954
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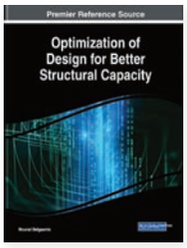

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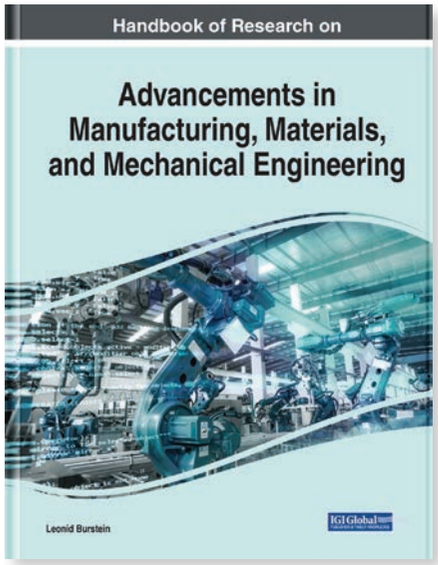

制造、材料和机械工程进展研究手册

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Prof. Leonid Burstein (Independent Researcher, Israel)

Description:

Production, new materials development, and mechanics are the central subjects of modern industry and advanced science. With a very broad reach across several different disciplines, selecting the most forward-thinking research to review can be a hefty task, especially for study in niche applications that receive little coverage. For those subjects, collecting the research available is of utmost importance

The **Handbook of Research on Advancements in Manufacturing, Materials, and Mechanical Engineering** is an essential reference source that examines emerging obstacles in these fields of engineering and the methods and tools used to find solutions. Featuring coverage of a broad range of topics including fabricating procedures, automated control, and material selection, this book is ideally designed for academics; tribology and materials researchers; mechanical, physics, and materials engineers; professionals in related industries; scientists; and students.

ISBN: 9781799849391
Release Date: September, 2020
Copyright: 2021
Pages: 462

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Topics Covered:

- Additive Manufacturing
- Alternative Fuels
- Assembly Joining Technologies
- Automated Control
- Automotive Industry
- Cable Design
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- Deformable Fractal Surface Dynamics
- Fabricating Procedures
- FEM analysis
- Harmonic Excitation
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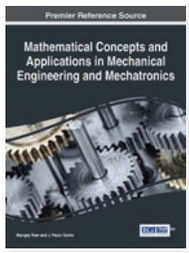

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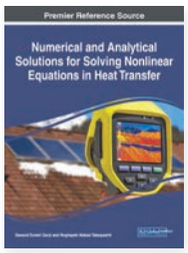

Numerical and Analytical Solutions for Solving Nonlinear Equations in Heat Transfer
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高压纳米电介质的设计和投资

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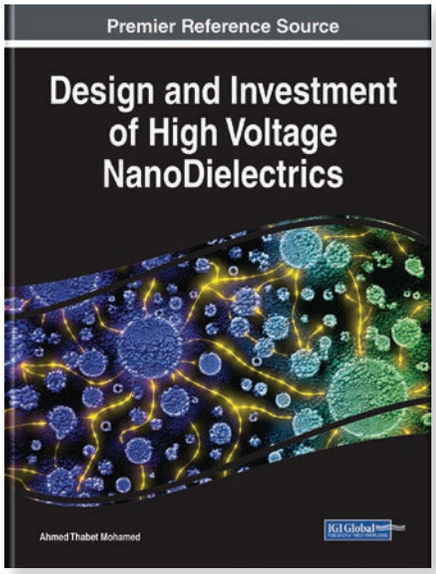
Prof. Ahmed Thabet Mohamed (Aswan University, Egypt & Qassim University, Saudi Arabia)



Description:

Nanotechnology has emerged as a trending research area as its industrial uses continue to multiply. Some specific areas that have benefited from the dynamic properties of nanomaterials are high voltage electronics and electrical engineering. Nanoparticles have created new avenues for engineers to explore within these fields; however, significant research on this subject is lacking.

Design and Investment of High Voltage NanoDielectrics is a collection of innovative research on the methods and application of nanoparticles in high voltage insulations and dielectric properties. This book discusses the wide array of uses nanoparticles have within high voltage electrics engineering and the diverse polymeric properties that nanomaterials help make prevalent. While highlighting topics including electrical degradation, magnetic materials, and fundamental polymers, this book is ideally designed for researchers, engineers, industry professionals, practitioners, scientists, managers, manufacturers, analysts, students, and educators seeking current research on the dielectric properties of modern nanocomposite materials.

Topics Covered:

- Composite Materials
- Computational Physics
- Dielectrics
- Electrical Degradation
- Electronic Materials
- Fundamental Polymers
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- Magnetic Materials
- Nanoparticles
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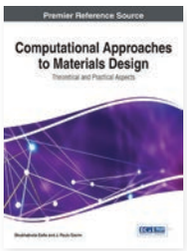

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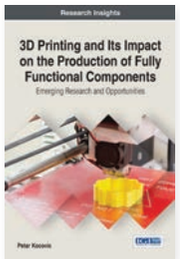

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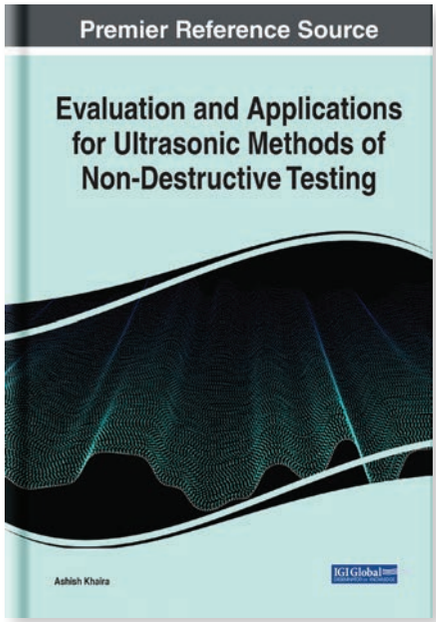

超声无损检测方法的评价与运用

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Description:

An integral step in the manufacturing process is testing the materials being used for inherent flaws and defects. The ability to identify these weaknesses is crucial throughout various aspects within the manufacturing and engineering fields. In recent years, professionals have made various attempts to improve testing methods including several forms of non-destructive testing. A developing method that has gained traction amongst researchers is the implementation of ultrasonic inspection.

Evaluation and Applications for Ultrasonic Methods of Non-Destructive Testing provides emerging research exploring the theoretical and practical aspects of testing the integrity of materials using ultrasonic physics and other sound-based technologies within manufacturing and mechanical engineering. Featuring coverage on a broad range of topics such as fault detection, transducer modeling, and sound wave propagation, this book is ideally designed for industry professionals, engineers, technicians, researchers, students, practitioners, manufacturers, academicians, managers, and educators seeking current research on advancements within non-destructive testing techniques.

ISBN: 9781799845645
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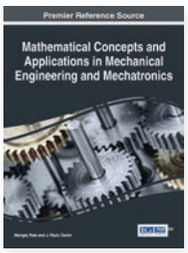

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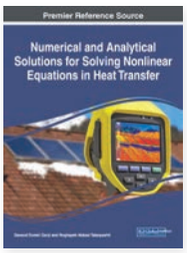

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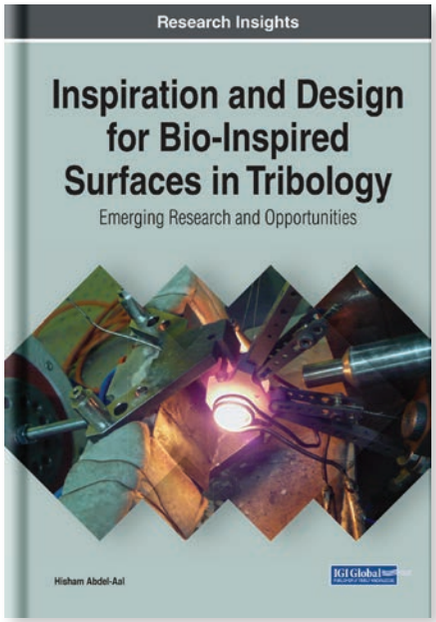

Description:

Surface texturing has been recognized as a method for enhancing the tribological properties of surfaces for many years. Adding a controlled texture to one of two faces in relative motion can have many positive effects, such as reduction of friction and wear and increase in load capacity. To date, the true potential of texturing has not been realized due to the severe lack of detailed information about the mechanistic functional details of texturing in a tribological situation.

Inspiration and Design for Bio-Inspired Surfaces in Tribology: Emerging Research and Opportunities is a pivotal reference source that focuses on surface engineering techniques to mimic biological materials. Highlighting a broad range of topics including bio-mimetics, contact analysis, and thermodynamics, this book is ideally designed for engineers, environmentalists, academicians, researchers, and students.

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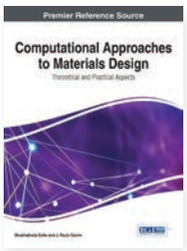

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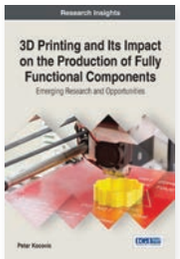

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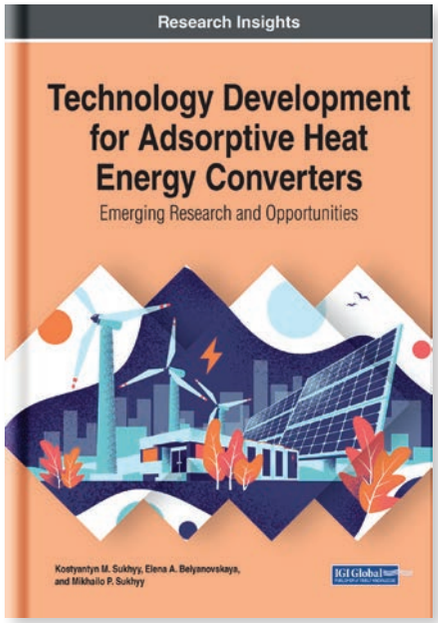

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Description:

Energy saving and emission reduction are two of the greatest challenges facing the world today. Heat energy storage can save fuel and effectively use renewable sources. Heat energy storage is decisive for many energy saving measures and promises a reliance on non-traditional renewable energy sources. However, most recent research focused on material selection is scattered, disembodied, and sometimes contradictory.

Technology Development for Adsorptive Heat Energy Converters: Emerging Research and Opportunities is an essential publication that offers a cohesive examination of methods of energy storage and conversion. Highlighting a broad range of topics including composite materials, operating principles, and structural characteristics, this book is ideally designed for developers, policymakers, researchers, academicians, students, and engineers in the fields of materials engineering, renewable energy, and environmental engineering.

Topics Covered:

- Adsorbent Properties
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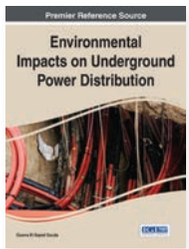

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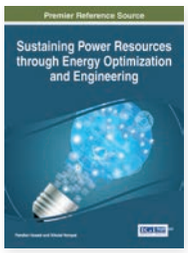

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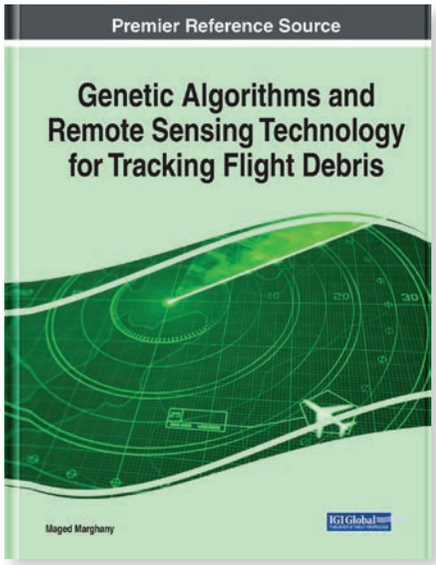

Description:

The tragic disappearance of the Malaysia Airlines Flight MH370 has created a need for research in the areas of aircraft transportation, and specifically flight debris tracking. As researchers and scientists continue to search for novel technologies that will assist with aeronautical detection, two modes have emerged as possible solutions. The use of remote sensing technology and genetic algorithms are techniques that scientists are beginning to use to improve aircraft trajectory models and to locate downed aircraft.

Genetic Algorithms and Remote Sensing Technology for Tracking Flight Debris is an essential reference source that discusses developing tracking methods using advanced algorithms as well as satellite technologies. Featuring research on topics such as wave pattern modeling, microwave satellite data, and trajectory movement, this book is ideally designed for practitioners, researchers, oceanographers, aerospace engineers, scientists, educators, developers, analysts, and students seeking coverage on advancements in sensor and tracking technology in regard to flight dynamics.

Topics Covered:

- Aircraft Flight Dynamics
- Airplane Detection Techniques
- Microwave Satellite Data
- Multi-Objective Algorithms
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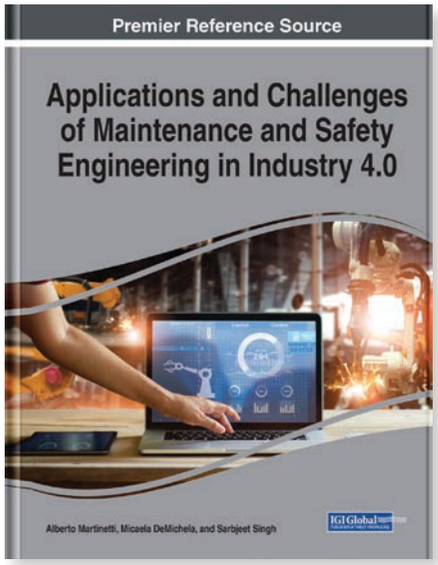

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Description:

To plan, build, monitor, maintain, and dispose of products and assets properly, maintenance and safety requirements must be implemented and followed. A lack of maintenance and safety protocols leads to accidents and environmental disasters as well as unexpected downtime that costs businesses money and time. With the arrival of the Fourth Industrial Revolution and evolving technological tools, it is imperative that safety and maintenance practices be reexamined.

Applications and Challenges of Maintenance and Safety Engineering in Industry 4.0 is a collection of innovative research that addresses safety and design for maintenance and reducing the factors that influence and degrade human performance and that provides technological advancements and emergent technologies that reduce the dependence on operator capabilities. Highlighting a wide range of topics including management analytics, internet of things (IoT), and maintenance, this book is ideally designed for engineers, software designers, technology developers, managers, safety officials, researchers, academicians, and students.

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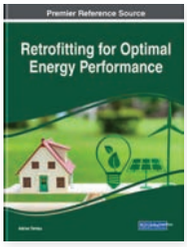

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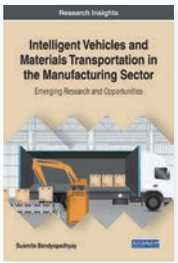

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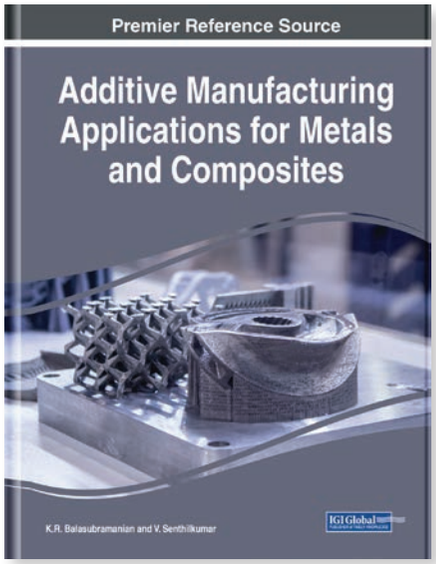

Description:

Additive manufacturing (AM) of metals and composites using laser energy, direct energy deposition, electron beam methods, and wire arc melting have recently gained importance due to their advantages in fabricating the complex structure. Today, it has become possible to reliably manufacture dense parts with certain AM processes for many materials, including steels, aluminum and titanium alloys, superalloys, metal-based composites, and ceramic matrix composites. In the near future, the AM material variety will most likely grow further, with high-performance materials such as intermetallic compounds and high entropy alloys already under investigation.

Additive Manufacturing Applications for Metals and Composites is a pivotal reference source that provides vital research on advancing methods and technological developments within additive manufacturing practices. Special attention is paid to the material design of additive manufacturing of parts, the choice of feedstock materials, the metallurgical behavior and synthesis principle during the manufacturing process, and the resulted microstructures and properties, as well as the relationship between these factors. While highlighting topics such as numerical modeling, intermetallic compounds, and statistical techniques, this publication is ideally designed for students, engineers, researchers, manufacturers, technologists, academicians, practitioners, scholars, and educators.

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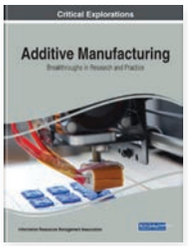

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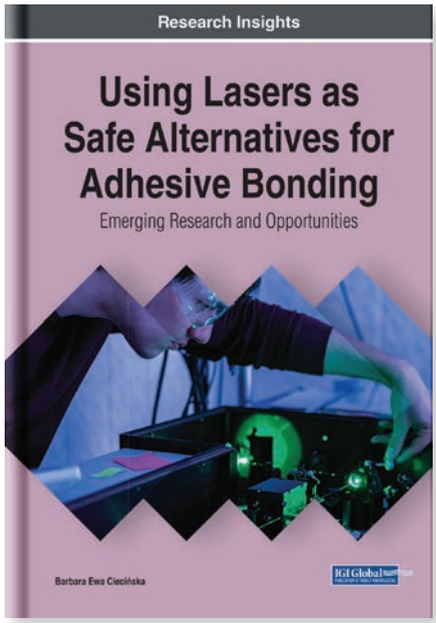

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Description:

Technology has brought about the age of convenience, but at a hefty cost. As a result of a growing production demand on a global scale, adhesive bonding operations also generate a huge amount of hazardous waste. Adhesive bonding, an integral step in manufacturing across several sectors, is one of many culprits of the unprecedented overproduction and environmental burden of municipal, industrial, and hazardous waste. If a cleaner, greener bonding process is formulated, hazardous waste production can be reined in and the world can be safer.

Using Lasers as Safe Alternatives for Adhesive Bonding: Emerging Research and Opportunities is a pivotal reference source that analyzes the new conditions for laser processing in the context of adhesive bonding. The book includes the results of experimental research, giving grounds to believe that laser technology has a future in the preparation of products for bonding. From this research, the book presents conclusions for eliminating poisonous chemicals, a threat to humans and the environment, and the burden of liquid and solid waste. It further outlines limitations and requirements imposed on people, such as the need to use personal protective equipment, to establish specific work procedures to ensure the safety of working with lasers, with a view to the future implementation of laser technology in manufacturing facilities.

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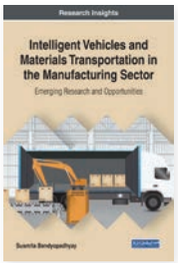

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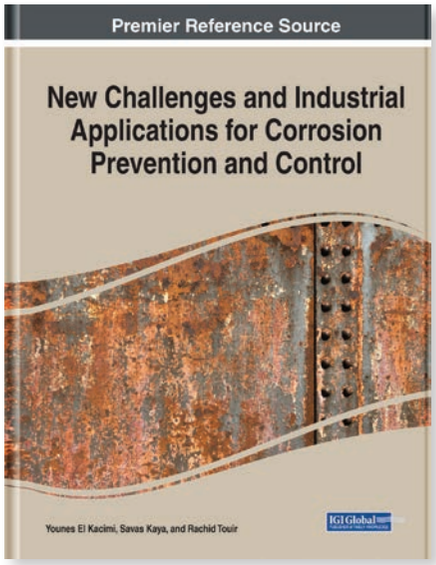

Description:

Metals are used at an extremely high rate in the industrial and manufacturing fields. Exemplary properties including strength and ductility have made this material highly dynamic; however, the risk of corrosion remains a vital issue. The study of corrosion prevention has attracted interest from researchers and professionals as new technologies are emerging that can assist in the prevention of material destruction. However, research is lacking on the application of these protective technologies within specific fields.

New Challenges and Industrial Applications for Corrosion Prevention and Control provides emerging research exploring the theoretical and practical aspects of protective methods against corrosion and the implementation of these techniques within a wide span of professional disciplines. Featuring coverage on a broad range of topics such as molecular modeling, surface treatments, and biomaterials, this book is ideally designed for engineers, industrial chemists, material scientists, researchers, engineers, academicians, practitioners, and students seeking current research on the technological advancements in corrosion protection in various professional scopes.

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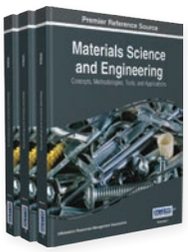

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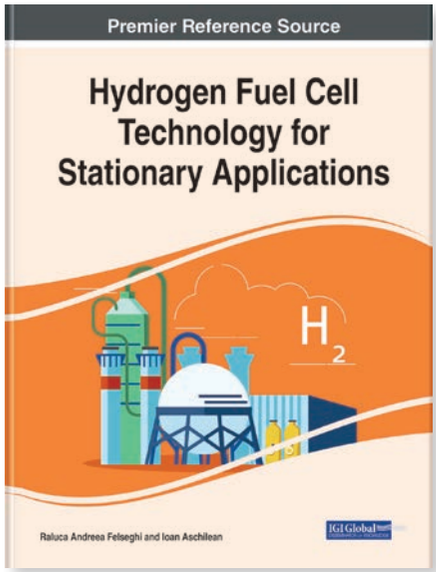

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Description:

Unconventional energy sources have gained and will continue to gain an increasing share of energy systems around the world. Today, hydrogen is recognized as a non-polluting energy carrier because it does not contribute to global warming if it is produced from renewable sources. Hydrogen is already part of today's chemical industry, but as an energy source, its rare advantages can only be obtained with the help of technologies. Currently, the fuel cell is considered the cleanest sustainable energy. With the development of fuel cells, hydrogen-based energy generation becomes a reality.

Hydrogen Fuel Cell Technology for Stationary Applications is an essential publication that focuses on the advantages of hydrogen as a primary energy center and addresses its use in the sustainable future of stationary applications. While highlighting a broad range of topics including cost expectations, production methods, and social impact, this publication explores all aspects of the implementation and dissemination of fuel cell technology in the hope of establishing a sustainable marketplace for it. This book is ideally designed for fuel cell manufacturers, architects, electrical engineers, civil engineers, environmental engineers, advocates, manufacturers, mechanics, researchers, academicians, and students.

Topics Covered:

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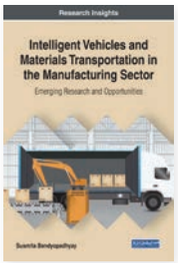

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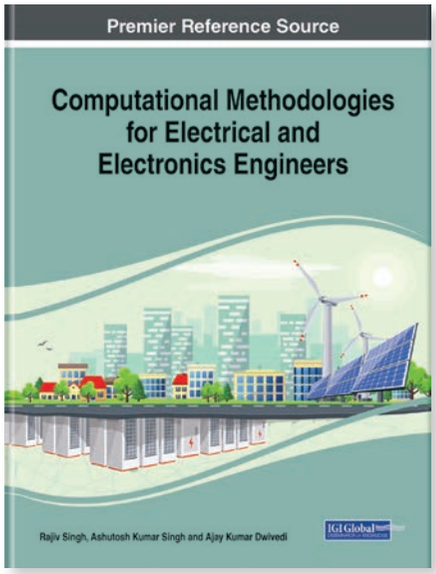
电气和电子工程师的计算方法学

Part of the Advances in Computer and Electrical Engineering Book Series

Profs. Rajiv Singh (G.B. Pant University of Agriculture, India) and Ashutosh Kumar Singh (Indian Institute of Information Technology Allahabad, India)



Description:

Artificial intelligence has been applied to many areas of science and technology, including the power and energy sector. Renewable energy in particular has experienced the tremendous positive impact of these developments. With the recent evolution of smart energy technologies, engineers and scientists working in this sector need an exhaustive source of current knowledge to effectively cater to the energy needs of citizens of developing countries.

Computational Methodologies for Electrical and Electronics Engineers is a collection of innovative research that provides a complete insight and overview of the application of intelligent computational techniques in power and energy. Featuring research on a wide range of topics such as artificial neural networks, smart grids, and soft computing, this book is ideally designed for programmers, engineers, technicians, ecologists, entrepreneurs, researchers, academicians, and students.

Topics Covered:

- Artificial Neural Networks
- Big Data Analysis
- Cloud Computing
- Fuzzy Systems
- Machine Learning
- Optimization
- Renewable Energy
- Smart Computing
- Smart Energy
- Smart Grids
- Soft Computing

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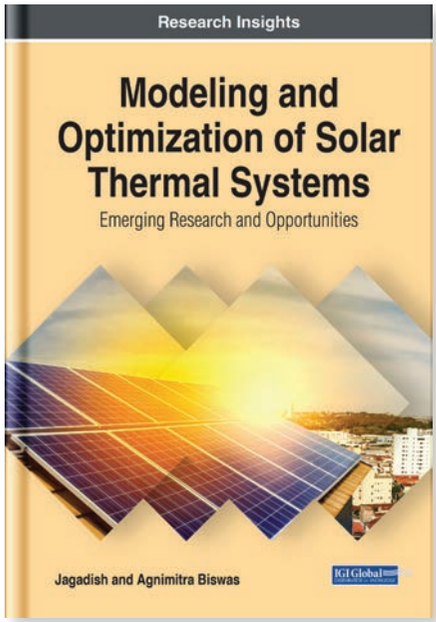

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Profs. Jagadish (National Institute of Technology, Raipur, India) and Agnimitra Biswas (National Institute of Technology, Silchar, India)

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Description:

In recent years, scientists and researchers have been continually searching for efficient and effective ways to harness solar energy for heat and power production. The development of solar technologies and thermal systems are a prevalent area of study, as they represent a vital step in fully optimizing the potential of solar energy. Unfortunately, research is still lacking on the development and application of these solar thermal systems.

Modeling and Optimization of Solar Thermal Systems: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of optimizing the performance of solar thermal technologies using multicriteria decision-making techniques. Featuring coverage on a broad range of topics such as parabolic trough collectors, hybrid solar energy, and thermal technology, this book is ideally designed for practitioners, engineers, academicians, researchers, students, industry professionals, and educators seeking current research on modern modeling methods of solar thermal systems.

Topics Covered:

- Concentrated Thermal Systems
- Data Analysis
- Flat Plate Collectors
- Hybrid Solar Energy
- Multi-Criteria Decision Making (MCDM)
- Optimization Techniques
- Parabolic Trough Collectors
- Performance Design
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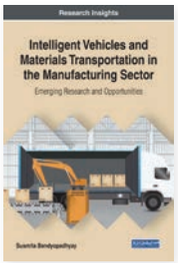

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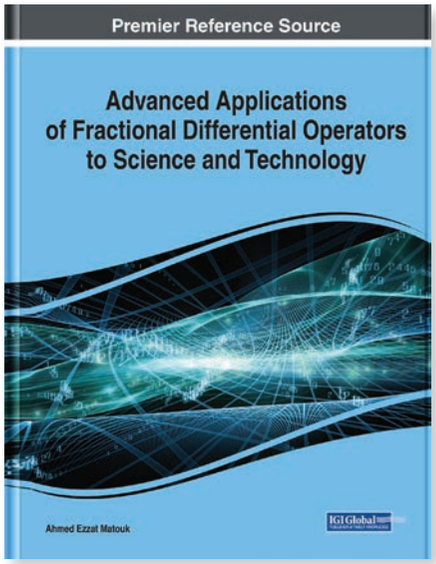

Description:

Fractional-order calculus dates to the 19th century but has been resurrected as a prevalent research subject due to its provision of more adequate and realistic descriptions of physical aspects within the science and engineering fields. What was once a classical form of mathematics is currently being reintroduced as a new modeling technique that engineers and scientists are finding modern uses for. There is a need for research on all facets of these fractional-order systems and studies of its potential applications.

Advanced Applications of Fractional Differential Operators to Science and Technology provides emerging research exploring the theoretical and practical aspects of novel fractional modeling and related dynamical behaviors as well as its applications within the fields of physical sciences and engineering. Featuring coverage on a broad range of topics such as chaotic dynamics, ecological models, and bifurcation control, this book is ideally designed for engineering professionals, mathematicians, physicists, analysts, researchers, educators, and students seeking current research on fractional calculus and other applied mathematical modeling techniques.

Topics Covered:

- Bifurcation Control
- Chaos Synchronization
- Chaotic Dynamics
- Circuit Realization
- Complex Networks
- Ecological Models
- Mechanical Models
- Novel Integration Schemes
- Secure Communication
- Transient Heat Diffusion

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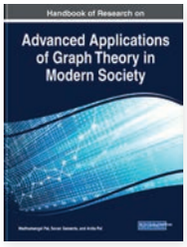

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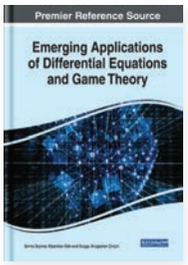

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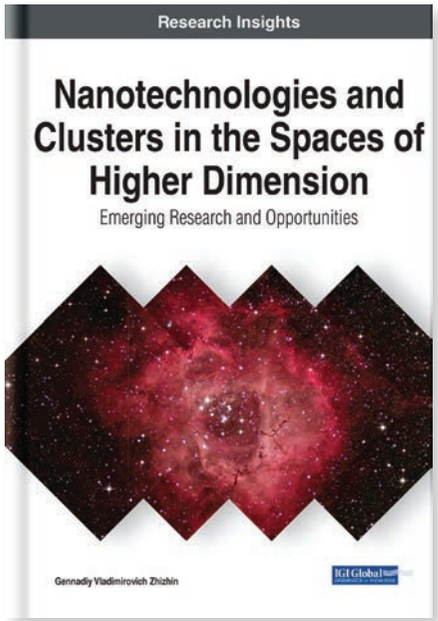

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Prof. Gennadiy Vladimirovich Zhizhin (Independent Researcher, Russia)

Description:

Research on nanomaterials and their applications has become a trending area in various fields of study and practice. Its properties and abilities open a variety of scientific advancements that weren't possible in past years. One specific area of research that is benefiting from the implementation of nanotechnology is the study of higher-dimensional compounds that include metallic atoms and other polytypes. There is vast potential in the study of how nanomaterials are currently being used for producing clusters in higher dimensions of space.

Nanotechnologies and Clusters in the Spaces of Higher Dimension: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of the production of intermetallic clusters in high dimensional spaces using nanotechnology. Featuring coverage on a broad range of topics such as intermetallic compounds, incident conservation law, and applied mathematics, this book is ideally designed for practitioners, scientists, engineers, researchers, educators, physicists, mathematicians, students, and academicians seeking current research on the use of nanomaterials in interdimensional science.

Topics Covered:

- Applied Mathematics
- Astrophysics
- Atomic Metals
- Chemical Engineering
- Dimensional Space
- Incident Conservation Law
- Intermetallic Compounds
- Ligands
- Metallic Clusters
- Nanomaterials

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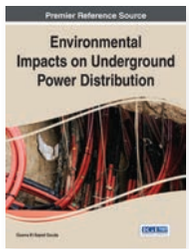

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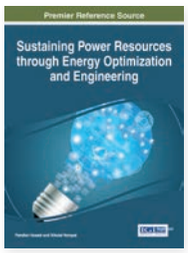

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Prof. Loveleen Gaur (Amity International Business School, Amity University, India), et al.

Description:

As technology weaves itself more tightly into everyday life, socio-economic development has become intricately tied to these ever-evolving innovations. Technology management is now an integral element of sound business practices, and this revolution has opened up many opportunities for global communication. However, such swift change warrants greater research that can foresee and possibly prevent future complications within and between organizations.

The **Handbook of Research on Engineering Innovations and Technology Management in Organizations** is a collection of innovative research that explores global concerns in the applications of technology to business and the explosive growth that resulted. Highlighting a wide range of topics such as cyber security, legal practice, and artificial intelligence, this book is ideally designed for engineers, manufacturers, technology managers, technology developers, IT specialists, productivity consultants, executives, lawyers, programmers, managers, policymakers, academicians, researchers, and students.

Topics Covered:

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- Big Data
- Cyber Security
- Data Analytics
- Emerging Technologies
- Global Information Technology
- Healthcare IT
- Internet of Things
- Knowledge Management
- Legal Practice
- Mobile Computing
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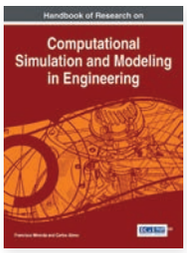

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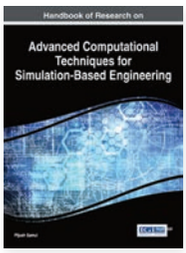

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Profs. Arun Solanki (Gautam Buddha University, India) and Anand Nayyar (Duy Tan University, Vietnam)

Description:

Throughout the world, there is an increasing demand on diminishing natural resources in the industrial, transport, commercial, and residential sectors. Of these, the residential sector uses the most energy on such needs as lighting, water heating, air conditioning, space heating, and refrigeration. This sector alone consumes one-third of the total primary energy resources available. By using green building and smart automation techniques, this demand for energy resources can be lowered.

Green Building Management and Smart Automation is an essential scholarly publication that provides an in-depth analysis of design technologies for green building and highlights the smart automation technologies that help in energy conservation, along with various performance metrics that are necessary to facilitate a building to be known as a "Green Smart Building." Featuring a range of topics such as environmental quality, energy management, and big data analytics, this book is ideal for researchers, engineers, policymakers, government officials, architects, and students.

ISBN: 9781522597544
Release Date: July, 2019
Copyright: 2020
Pages: 312

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E-Book: US $215.00

Topics Covered:

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- Energy Management
- Environmental Quality
- Green Buildings
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- Indoor Environment
- IoT Architecture
- Renewable Energy
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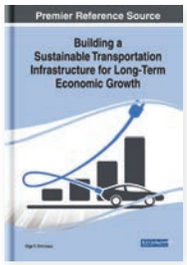

Building a Sustainable Transportation Infrastructure for Long-Term Economic Growth
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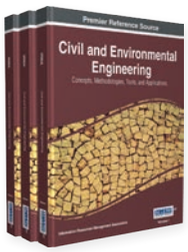

Civil and Environmental Engineering: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2016; 1,670 pp.

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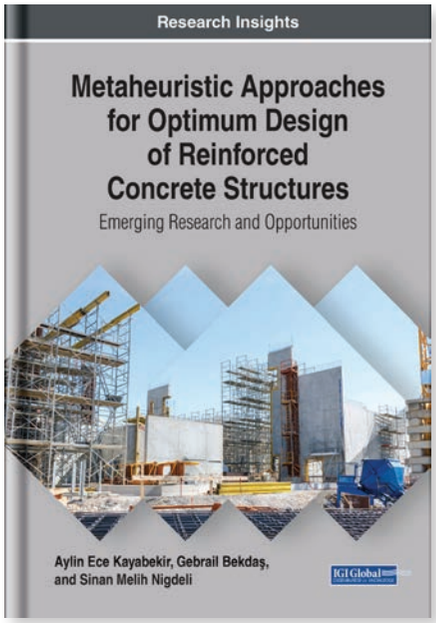

Description:

Reinforced concrete structures are one of the major structural types and must adhere to design regulation codes. It is ideal to find the best design (section dimension, material type, and amount of reinforcement) with the minimum cost providing the design constraints (design formulation considering loading of structure). Metaheuristic methods inspired by natural phenomena can consider design constraints by combining the analyses of formulation of reinforced concrete structures with an iterative numerical algorithm using several convergence options of random generation of candidate design solutions.

Metaheuristic Approaches for Optimum Design of Reinforced Concrete Structures: Emerging Research and Opportunities is a pivotal reference source that focuses on several metaheuristic algorithms and the design of several types of structural members. Additionally, retrofit applications and seismic design issues are considered for readers in earthquake zones. Highlighting a wide range of topics including algorithms, design variables, and retrofit design, this book is ideally designed for architects, engineers, urban designers, government officials, policymakers, researchers, academicians, and students.

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Release Date: March, 2020
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Pages: 229

Pricing:

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Topics Covered:

- Design Constraints
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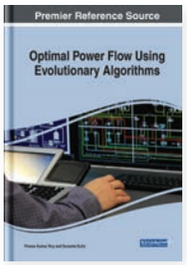

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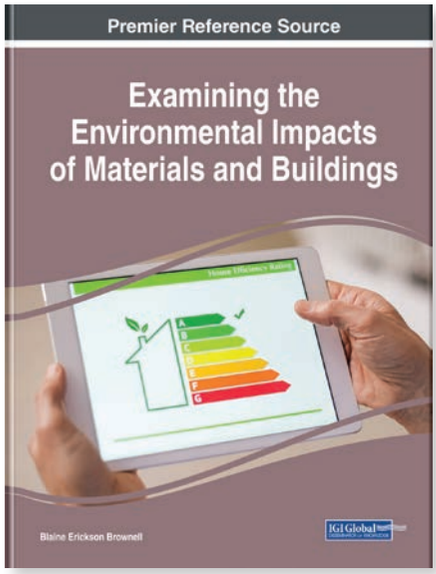

审视材料和建筑的环境影响

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Prof. Blaine Erickson Brownell (University of Minnesota, USA)

Description:

Fundamental environmental challenges such as climate change, resource depletion, and pollution are still widely relevant in today's world. Many of these problems have been associated with the architecture, engineering, and construction industries due to the level of resources used in these professions. In recent years, many manufacturers in these fields have expressed the motivation to make necessary changes that would be beneficial to the environment. Despite this progress, there remains a lack of research and assessment on the methods to achieve environmental stability within these architectural fields.

Examining the Environmental Impacts of Materials and Buildings provides emerging research exploring the theoretical and practical aspects of ecological performance within modern building design and materials-based construction. Featuring coverage on a broad range of topics such as life cycle assessment, material flows analysis, and sustainability, this book is ideally designed for architects, civil engineers, construction professionals, environmentalists, ecologists, business practitioners, scientists, policymakers, designers, researchers, and academicians seeking research on current trends in environmental performance within building design.

ISBN: 9781799824268
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Pages: 358

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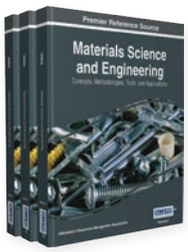

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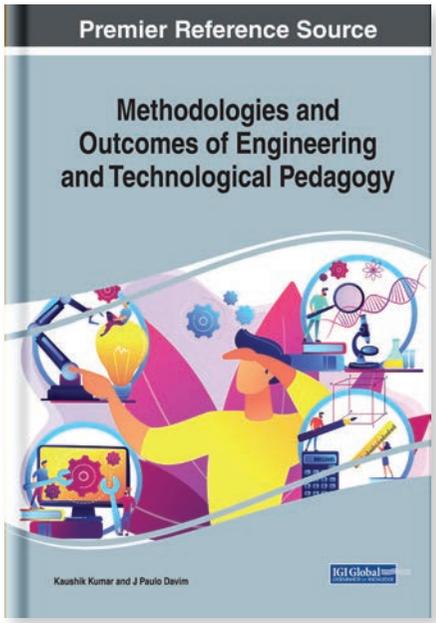

Description:

Engineering pedagogy is closely linked to both the technical and the pedagogical sciences. Over the years, engineering pedagogy has shifted from practical education to teaching how to integrate information, computational, and communications technology. However, while pedagogical and psychological qualifications are highly important requirements for a teaching career in engineering, the research on engineering pedagogy remains scant and scattered across journal articles, conference proceedings, workshop notes, and official reports.

Methodologies and Outcomes of Engineering and Technological Pedagogy is a collection of innovative research building on the available literature that examines engineering pedagogy while providing resources necessary for policymaking, implementation, and continuous improvement. Featuring coverage on a wide range of topics including curriculum development, teaching and learning styles, and inclusivity, this book is ideally designed for educators, engineers, curriculum developers, instructional designers, managers, industry professionals, academicians, policymakers, researchers, and students.

Topics Covered:

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- Inclusivity
- Methods, Practices, and Philosophies
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- Professional Practice
- Quality Issues
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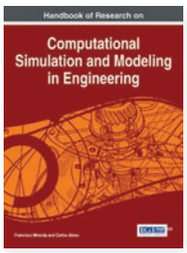

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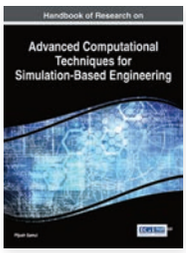

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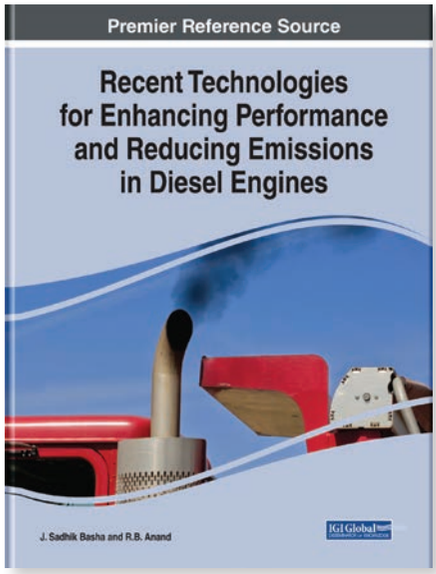

提高柴油机性能和降低其排放的新技术

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Profs. J. Sadhik Basha (International Maritime College Oman, Sohar, Oman) and R.B. Anand (National Institute of Technology, Tiruchirappalli, India)

Description:

In today's global context, there has been extensive research conducted in reducing harmful emissions to conserve and protect our environment. In the automobile and power generation industries, diesel engines are being utilized due to their high level of performance and fuel economy. However, these engines are producing harmful pollutants that contribute to several global threats including greenhouse gases and ozone layer depletion. Professionals have begun developing techniques to improve the performance and reduce emissions of diesel engines, but significant research is lacking in this area.

Recent Technologies for Enhancing Performance and Reducing Emissions in Diesel Engines is a pivotal reference source that provides vital research on technical and environmental enhancements to the emission and combustion characteristics of diesel engines. While highlighting topics such as biodiesel emulsions, nanoparticle additives, and mathematical modeling, this publication explores the potential additives that have been incorporated into the performance of diesel engines in order to positively affect the environment. This book is ideally designed for chemical and electrical engineers, developers, researchers, power generation professionals, mechanical practitioners, scholars, ecologists, scientists, graduate students, and academicians seeking current research on modern innovations in fuel processing and environmental pollution control.

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Release Date: February, 2020
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Pages: 298

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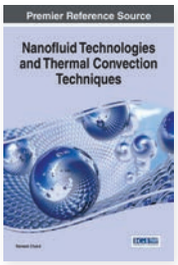

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数字时代的工程教育趋势

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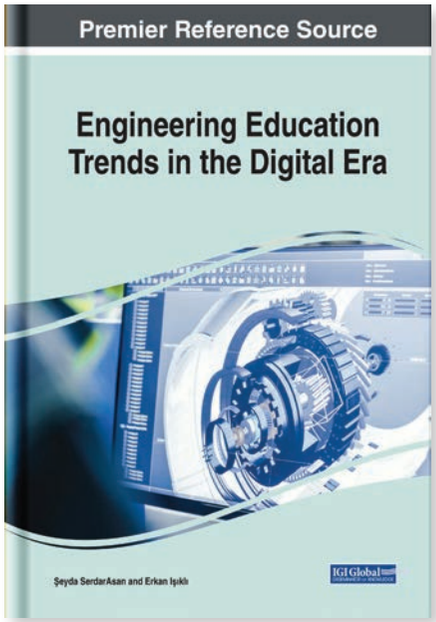
Profs. Şeyda SerdarAsan (Istanbul Technical University, Turkey) and Erkan Işıklı (Istanbul Technical University, Turkey)



Description:

As the most influential activity for social and economic development of individuals and societies, education is a powerful means of shaping the future. The emergence of physical and digital technologies requires an overhaul that would affect not only the way engineering is approached but also the way education is delivered and designed. Therefore, designing and developing curricula focusing on the competencies and abilities of new generation engineers will be a necessity for sustainable success.

Engineering Education Trends in the Digital Era is a critical scholarly resource that examines more digitized ways of designing and delivering learning and teaching processes and discusses and acts upon developing innovative engineering education within global, societal, economic, and environmental contexts. Highlighting a wide range of topics such as academic integrity, gamification, and professional development, this book is essential for teachers, researchers, educational policymakers, curriculum designers, educational software developers, administrators, and academicians.

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Release Date: February, 2020
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Pages: 302

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Hardcover: US $215.00
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Topics Covered:

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- Curriculum Design
- Digital Learning Environment
- E-Education
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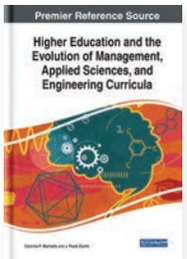

Higher Education and the Evolution of Management, Applied Sciences, and Engineering Curricula
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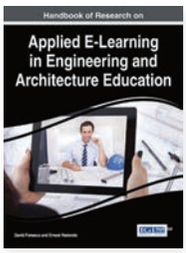
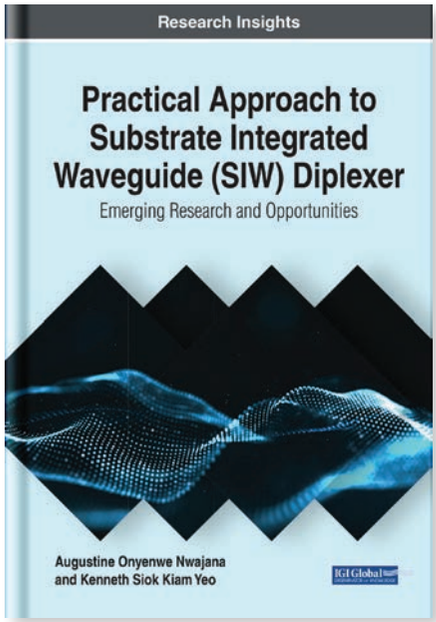


Handbook of Research on Applied E-Learning in Engineering and Architecture Education
© 2016; 569 pp.



衬底集成波导（SIW）双工器的实用方法：新兴研究和机遇

Part of the Advances in Mechatronics and Mechanical Engineering Book Series

Profs. Augustine Onyenwe Nwajana (University of East London, UK) and Kenneth Siok Kiam Yeo (Universiti Teknologi Brunei, Brunei)

ISBN: 9781799820840
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Description:

Substrate integrated waveguide (SIW) technology is a twenty-first century transmission line that has evolved recently to open new doors to the development of efficient circuits and devices operating in the microwave and millimeter-wave frequency range. Microstrip circuits and devices are inefficient at high frequency applications and require very stringent manufacturing tolerances when used to implement microwave and millimeter-wave components. This is as a result of the fact that wavelengths are short at higher frequencies. Waveguide circuits and devices are preferred for higher frequency applications, but they are expensive and difficult to manufacture. It is also very challenging to integrate a waveguide device with planar devices in its vicinity. The SIW bridges the gap between the traditional air-filled waveguide and planar transmission lines such as microstrip.

Practical Approach to Substrate Integrated Waveguide (SIW) Diplexer: Emerging Research and Opportunities is an essential reference source that discusses the development of efficient circuits and devices operating in the microwave and millimeter-wave frequency range through the use of substrate integrated waveguides. Featuring research on topics such as microstrip resonators, circuit model analysis, and quality factor extraction, this book is ideally designed for researchers, engineers, scientists, developers, scholars, practitioners, educators, policymakers, and students.

Topics Covered:

- Circuit Model Analysis
- Efficient Circuits
- Filters Classification
- Immittance Inverters
- Microstrip Resonators
- Microwave Filter Design
- Multiplexer/Diplexer
- Quality Factor Extraction
- SIW Cavity
- SIW Transition
- Substrate Integrated Waveguide
- Transmission Lines
- Waveguide Integration
- Wavelength Frequencies

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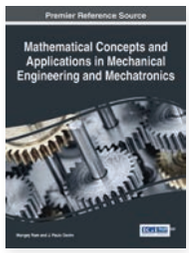
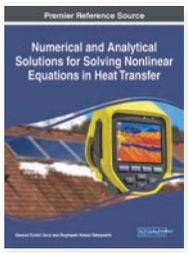


Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics
© 2017; 495 pp.



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射电望远镜与射电天文学的物理剖析

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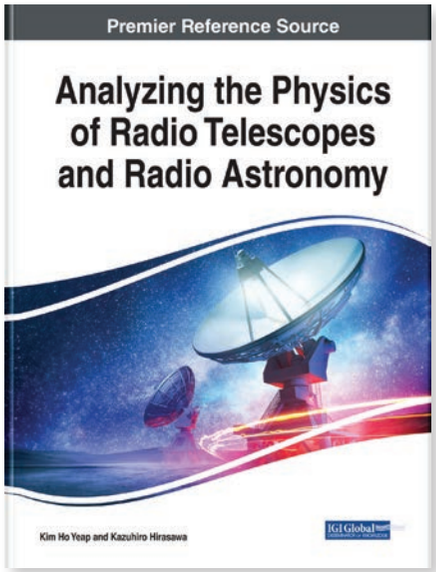
Profs. Kim Ho Yeap (Universiti Tunku Abdul Rahman, Malaysia) and Kazuhiro Hirasawa (University of Tsukuba, Japan)



Description:

In the field of astrophysics, modern developments of practice are emerging in order to further understand the spectral information derived from cosmic sources. Radio telescopes are a current mode of practice used to observe these occurrences. Despite the various accommodations that this technology offers, physicists around the globe need a better understanding of the underlying physics and operational components of radio telescopes as well as an explanation of the cosmic objects that are being detected.

Analyzing the Physics of Radio Telescopes and Radio Astronomy is an essential reference source that discusses the principles of the astronomical instruments involved in the construction of radio telescopes and the analysis of cosmic sources and celestial objects detected by this machinery. Featuring research on topics such as electromagnetic theory, antenna design, and geometrical optics, this book is ideally designed for astrophysicists, engineers, researchers, astronomers, students, and educators seeking coverage on the operational methods of radio telescopes and understanding the physical processes of radio astronomy.

Topics Covered:

- Antenna Design
- Cosmic Sources
- Data Processing
- Electromagnetic Theory
- Gaussian Optics
- Geometrical Optics
- Low Noise Amplifiers
- Physical Optics
- Radio Interferometry
- Waveguides

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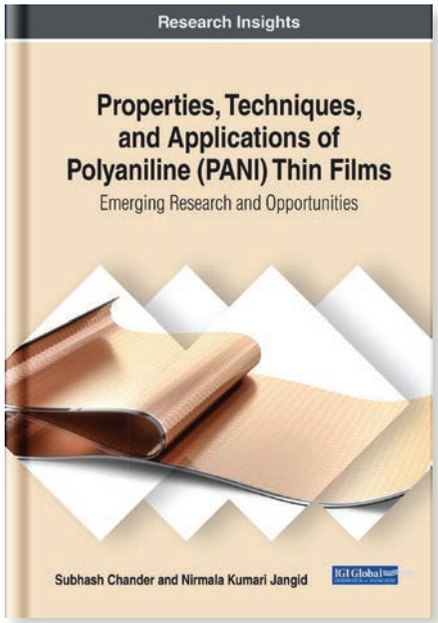

聚苯胺（PANI）薄膜的性质、技术和运用：新兴研究和机遇

Part of the Advances in Chemical and Materials Engineering Book Series

Profs. Subhash Chander (Indian Institute of Science Education and Research, Mohali, India) and Nirmala Kumari Jangid (Banasthali University, Tonk, India)

ISBN: 9781522598961
Release Date: January, 2020
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Description:

Polyaniline (PANI) is one of the most common and widely studied conducting polymers due to its excellent electro-chemical and electrical properties and its various applications in areas such as solar cell technologies, drug delivery, organic light emitting diodes (OLEDs), field-effect transistors (FETs), sensors, electro-chromic display, etc. PANI thin films play an important role in energy storage and conversion devices and show great potential in the supercapacitors owing to their high specific capacitance, high flexibility, and low cost. However, no in-depth information about this emerging PANI thin film technology is available.

Properties, Techniques, and Applications of Polyaniline (PANI) Thin Films: Emerging Research and Opportunities is an essential publication that focuses on high-throughput synthesis of PANI thin films and their characterization techniques. The book also covers promising applications of PANI thin films and applications including solar cells. Featuring research on topics such as solar cells, post-synthesis treatments, and physiochemistry, this book is ideally designed for scientists, industry practitioners, engineers, managers, academicians, researchers, and students seeking coverage in the areas of polymeric applications.

Topics Covered:

- Applications
- Characterization Techniques
- Deposition Techniques
- Future Possibilities
- Physiochemistry
- Polymers
- Post-Synthesis Treatments
- Solar Cells
- Synthesis Techniques
- Theory

Related Books

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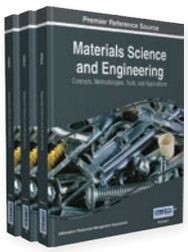
© 2016; 322 pp.



Materials Science and Engineering: Concepts, Methodologies, Tools, and Applications (3 Vols.)
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互联智能移动的全球进展：新兴研究与机遇

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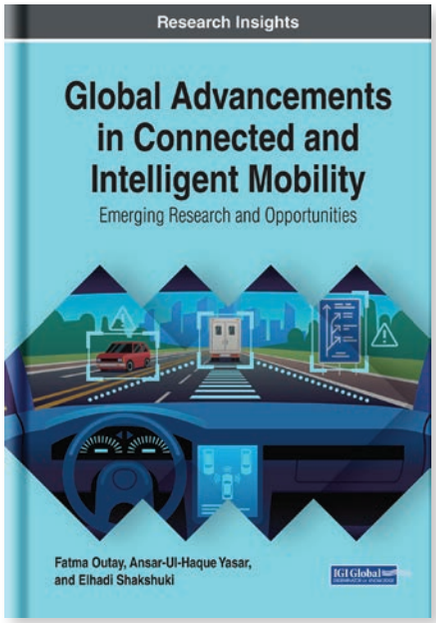

Description:

Vehicle accidents on the roads and highways occur every minute of every day, most often resulting in a loss of life or property damage. With advancing technology, vehicle infrastructure integration can increase road safety and transport efficiency through wireless sensor communications and other systems. These recent developments can bring inestimable economic value and will play a role in the next generation of vehicle products and traffic safety.

Global Advancements in Connected and Intelligent Mobility: Emerging Research and Opportunities is an essential reference source that discusses the recent advances, safety, and efficiency in connected vehicles, as well as the next generation of communication network development. Featuring research on topics such as vehicular networks, telematics, and context-aware intelligence, this book is ideally designed for policymakers, traffic safety specialists, traffic control technicians, auto technicians, planning agencies, environmental managers, standardization governors, academicians, students, researchers, and industry practitioners seeking coverage on intelligent transportation systems.

ISBN: 9781522590194
Release Date: July, 2019
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Pages: 278

Pricing:

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Topics Covered:

- Connected Vehicle
- Context-Aware Intelligence
- Data Trustworthiness
- Driver Behavior
- Intelligent Transportation Systems
- Internet of Vehicles
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- Telematics
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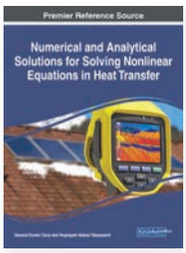

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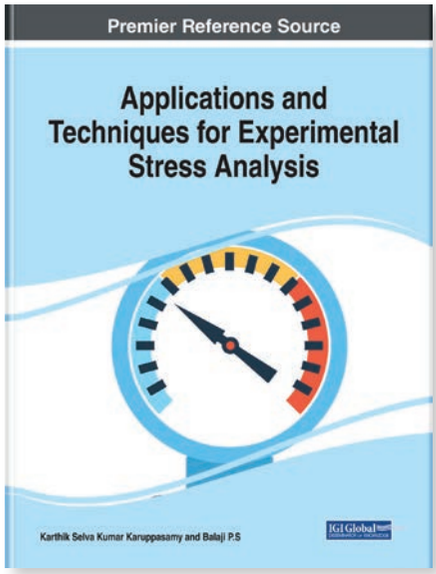

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Description:

The design of mechanical components for various engineering applications requires the understanding of stress distribution in the materials. The need of determining the nature of stress distribution on the components can be achieved with experimental techniques.

Applications and Techniques for Experimental Stress Analysis is a timely research publication that examines how experimental stress analysis supports the development and validation of analytical and numerical models, the progress of phenomenological concepts, the measurement and control of system parameters under working conditions, and identification of sources of failure or malfunction. Highlighting a range of topics such as deformation, strain measurement, and element analysis, this book is essential for mechanical engineers, civil engineers, designers, aerospace engineers, researchers, industry professionals, academicians, and students.

Topics Covered:

- Bond Graph
- Brittle Coating Techniques
- Condition Monitoring System
- Deformation
- Element Analysis
- Engineering
- Micro Milling
- Optical
- Strain Gauges
- Strain Measurement
- Stress Analysis

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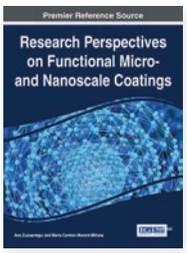

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工业发电系统多目标优化：新兴研究与机遇

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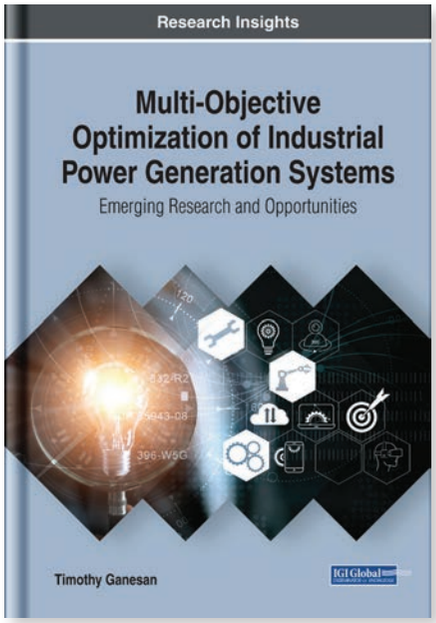
Prof. Timothy Ganesan (Royal Bank of Canada, Canada)



Description:

The increased complexity of the economy in recent years has led to the advancement of energy generation systems. Engineers in this industrial sector have been compelled to seek contemporary methods to keep pace with the rapid development of these systems. Computational intelligence has risen as a capable method that can effectively resolve complex scenarios within the power generation sector. In-depth research on the various applications of this technology is lacking, as engineering professionals need up-to-date information on how to successfully utilize computational intelligence in industrial systems.

Multi-Objective Optimization of Industrial Power Generation Systems: Emerging Research and Opportunities provides emerging research exploring the theoretical and practical aspects of the application of intelligent optimization techniques within industrial energy systems. Featuring coverage on a broad range of topics such as swarm intelligence, renewable energy, and predictive modeling, this book is ideally designed for industrialists, engineers, industry professionals, researchers, students, and academics seeking current research on computational intelligence frameworks within the power generation sector.

Topics Covered:

- Biofuel Supply Chain
- Computational Intelligence
- Distributed Generation
- Energy Systems
- Metaheuristics
- Multi-Objective Optimization
- Predictive Modeling
- Renewable Energy
- Swarm Intelligence
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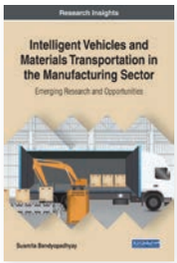
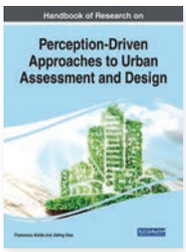


Intelligent Vehicles and Materials Transportation in the Manufacturing Sector: Emerging Research and Opportunities
© 2018; 230 pp.



Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design
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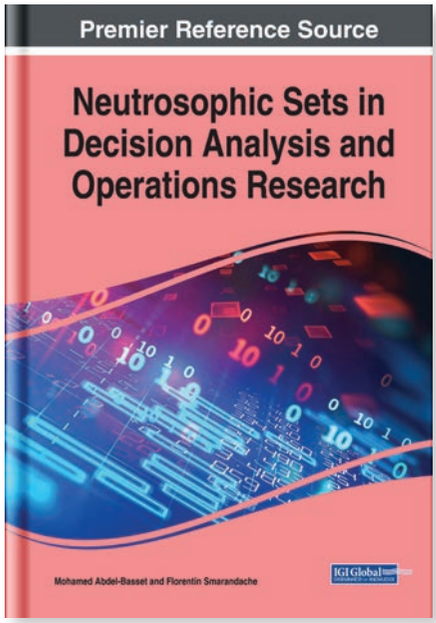

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Profs. Mohamed Abdel-Basset (Zagazig University, Egypt) and Florentin Smarandache (University of New Mexico, USA)

Description:

In information technology, the concepts of cost, time, delivery, space, quality, durability, and price have gained greater importance in solving managerial decision-making problems in supply chain models, transportation problems, and inventory control problems. Moreover, competition is becoming tougher in imprecise environments. Neutrosophic sets and logic are gaining significant attention in solving real-life problems that involve uncertainty, impreciseness, vagueness, incompleteness, inconsistency, and indeterminacy.

Neutrosophic Sets in Decision Analysis and Operations Research is a critical, scholarly publication that examines various aspects of organizational research through mathematical equations and algorithms and presents neutrosophic theories and their applications in various optimization fields. Featuring a wide range of topics such as information retrieval, decision making, and matrices, this book is ideal for engineers, technicians, designers, mathematicians, practitioners of mathematics in economy and technology, scientists, academicians, professionals, managers, researchers, and students.

Topics Covered:

- Algorithm
- Communication Network
- Decision Making
- Graphs
- Information Retrieval
- Matrices
- Neutrosophic Linear Programming
- Neutrosophic Sets
- Python
- Relational Equations

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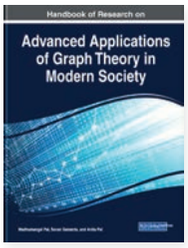

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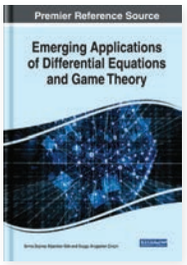

Emerging Applications of Differential Equations and Game Theory
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工业4.0对建筑与文化遗产的影响

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Profs. Cecilia Maria Bolognesi (Politecnico of Milano, Italy) and Cettina Santagati (Università di Catania, Italy)

Description:

In the modern age of the 4th Industrial Revolution, advancements in communication and connectivity are transforming the professional world as new technologies are being embedded into society. These innovations have triggered the development of a digitally driven world where adaptation is necessary. This is no different in the architectural field, where the changing paradigm has opened new methods and advancements that have yet to be researched.

Impact of Industry 4.0 on Architecture and Cultural Heritage is a pivotal reference source that provides vital research on the application of new technological tools, such as digital modeling, within architectural design, and improves the understanding of the strategic role of Industry 4.0 as a tool to empower the role of architecture and cultural heritage in society. Moreover, the book provides insights and support concerned with advances in communication and connectivity among digital environments in different types of research and industry communities. While highlighting topics such as semantic processing, crowdsourcing, and interactive environments, this publication is ideally designed for architects, engineers, construction professionals, cultural researchers, academicians, and students.

Topics Covered:

- City Management
- Crowdsourcing
- Data Processing
- Digital Visualization
- Game Design Technology
- Interactive Environments
- Ontologies
- Rapid Prototyping
- Semantic Processing
- Virtual Museums

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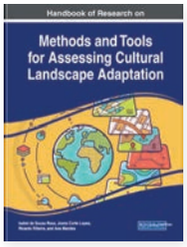

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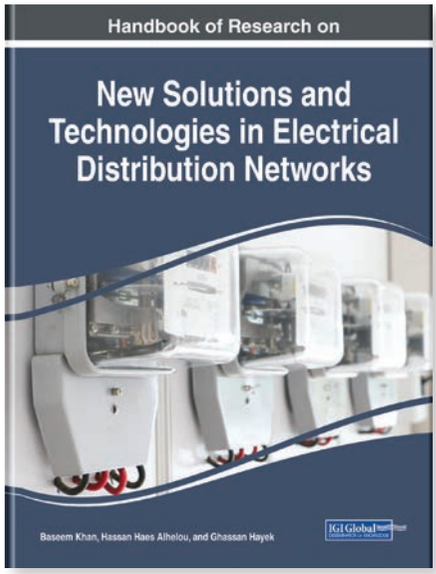

配电网的新方案和新技术研究手册

Part of the Advances in Computer and Electrical Engineering Book Series

Profs. Baseem Khan (Hawassa University, Hawassa, Ethiopia), Hassan Haes Alhelou (Tishreen University, Syria), and Ghassan Hayek (Tishreen University, Syria)

Description:

As the electrical industry continues to develop, one sector that still faces a range of concerns is the electrical distribution system. Excessive industrialization and inadequate billing are just a few issues that have plagued this electrical sector as it advances into the smart grid environment. Research is necessary to explore the possible solutions in fixing these problems and developing the distribution sector into an active and smart system.

The **Handbook of Research on New Solutions and Technologies in Electrical Distribution Networks** is a collection of innovative research on the methods and applications of solving major issues within the electrical distribution system. Some issues covered within the publication include distribution losses, improper monitoring of system, renewable energy integration with micro-grid and distributed energy sources, and smart home energy management system modelling. This book is ideally designed for power engineers, electrical engineers, energy professionals, developers, technologists, policymakers, researchers, academicians, industry professionals, and students seeking current research on improving this key sector of the electrical industry.

ISBN: 9781799812302
Release Date: December, 2019
Copyright: 2020
Pages: 439

Pricing:

Hardcover: US $270.00
E-Book: US $270.00

Topics Covered:

- Demand Side Management
- Distribution Losses
- Existing Issues
- Harmonics Mitigation
- Maintenance Issues
- Micro-Grid Technologies
- Reliability Assessment
- Reliability Enhancement
- Smart Meters
- Smart Sensors
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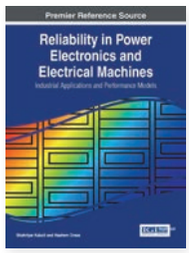

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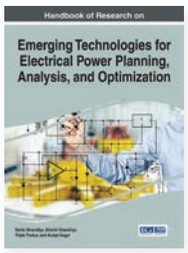

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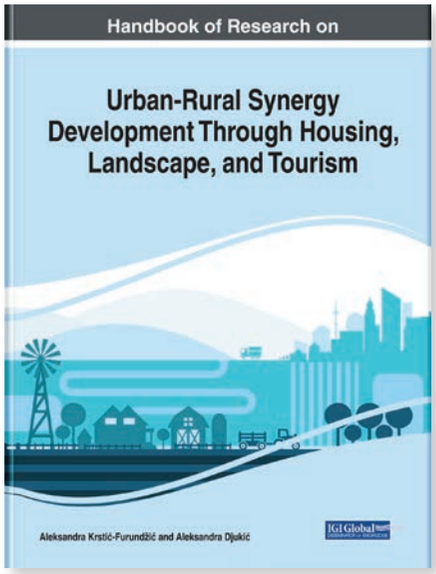

Description:

As cities continue to grow with advancing technologies, the spatial and temporal gaps between rural and urban areas are shrinking, thereby requiring the sectors to interact with each other. While the prospect is to develop each area without hampering the newfound synergy between them, there are still many barriers and concerns that hinder this inevitable urban-rural relationship.

The **Handbook of Research on Urban-Rural Synergy Development Through Housing, Landscape, and Tourism** is a pivotal reference source that focuses on the applications and challenges of creating cooperation between urban and rural areas along various fields. While highlighting topics including suburbanization, weekend-residence zones, and homeostasis, this publication is ideally designed for architects, sector managers, region developers, urban planners, urban developers, construction managers, urban studies professionals, academicians, researchers, and students seeking current research on lessening the urban-rural gap in both global and local contexts.

Topics Covered:

- Building Performance
- Climate Change
- Homeostasis
- Human Wellbeing
- Shrinking Regions
- Spatial Patterns
- Suburbanization
- Sustainability
- Territorial Development
- Weekend-Residence Zones

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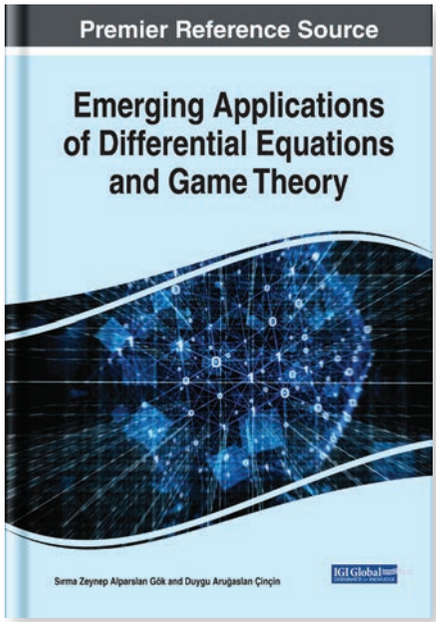

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Description:

Branches of mathematics and advanced mathematical algorithms can help solve daily problems throughout various fields of applied sciences. Domains like economics, mechanical engineering, and multi-person decision making benefit from the inclusion of mathematics to maximize utility and cooperation across disciplines. There is a need for studies seeking to understand the theories and practice of using differential mathematics to increase efficiency and order in the modern world.

Emerging Applications of Differential Equations and Game Theory is a collection of innovative research that examines the recent advancements on interdisciplinary areas of applied mathematics. While highlighting topics such as artificial neuron networks, stochastic optimization, and dynamical systems, this publication is ideally designed for engineers, cryptologists, economists, computer scientists, business managers, mathematicians, mechanics, academicians, researchers, and students.

Topics Covered:

- Artificial Neuron Networks
- Bifurcation Theory
- Cooperative Models
- Cryptography
- Dynamical Systems
- Fuzzy Logic
- Grey Modelling
- Internet of Things
- Multi-Criteria Decision Making
- Operations Research
- Stochastic Optimization

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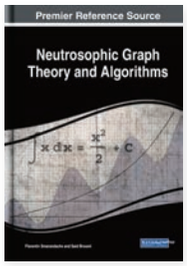

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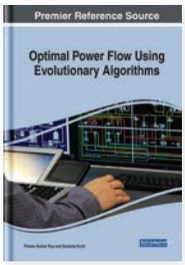

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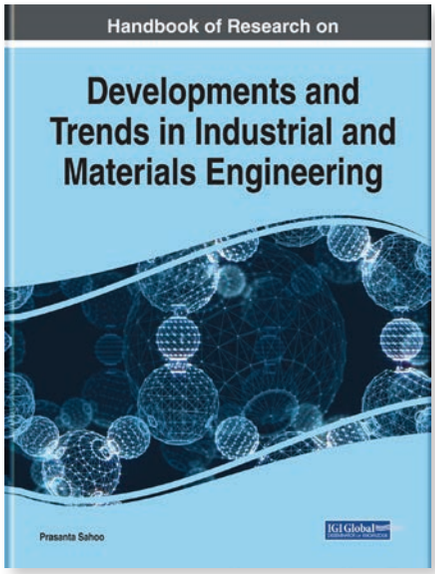

Description:

In today's modernized world, new research and empirical findings are being conducted and found within various professional industries. The field of engineering is no different. Industrial and material engineering is continually advancing, making it challenging for practitioners to keep pace with the most recent trends and methods. Engineering professionals need a handbook that provides up-to-date research on the newest methodologies in this imperative industry.

The **Handbook of Research on Developments and Trends in Industrial and Materials Engineering** is a collection of innovative research on the theoretical and practical aspects of integrated systems within engineering. This book provides a forum for professionals to understand the advancing methods of engineering. While highlighting topics including operations management, decision analysis, and communication technology, this book is ideally designed for researchers, managers, engineers, industrialists, manufacturers, academicians, policymakers, scientists, and students seeking current research on recent findings and modern approaches within industrial and materials engineering.

Topics Covered:

- Communication Technology
- Cost Estimation
- Decision Analysis
- Ergonomics
- Forecasting
- Human Factors
- Operations Management
- Resource Planning
- Service Modeling
- Supply Chain Management
- Total Quality Management

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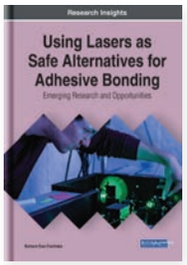

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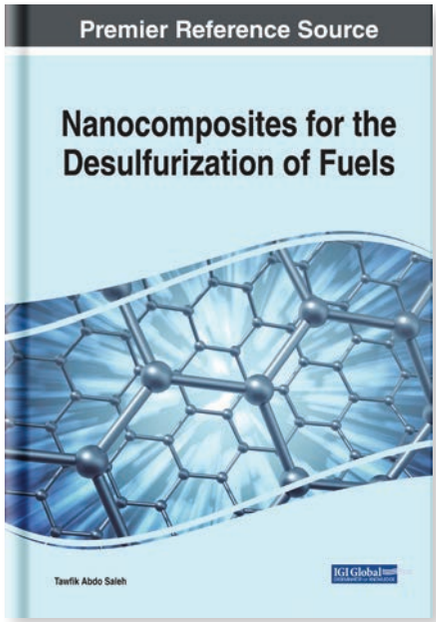

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Description:

Research on nanotechnology has mainly focused on the aspects of synthesis of nanomaterials that have unique chemical, thermal, and mechanical properties applicable to a wide range of applications. A variety of properties and phenomena have been investigated, and many of the studies have been directed toward understanding the properties and applications of nanomaterials. Nanomaterials have properties that are useful for enhancing surface-to-volume ratio, reactivity, strength, and durability. Due to their enhanced chemical and mechanical properties, the nanomaterials play promising roles in enhancing the desulfurization.

Nanocomposites for the Desulfurization of Fuels is an essential reference source that discusses the synthesis, properties, and technological developments of nanomaterials and their applications in petroleum. Featuring research on topics such as hybrid materials, catalytic properties, and environmental concerns, this book is ideally designed for chemical engineers, scientists, researchers, academicians, and students in fields that include chemistry, petroleum, materials science, physics, and engineering.

Topics Covered:

- Catalytic Properties
- Cost Reduction
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- Hybrid Materials
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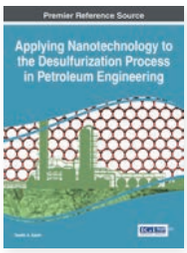

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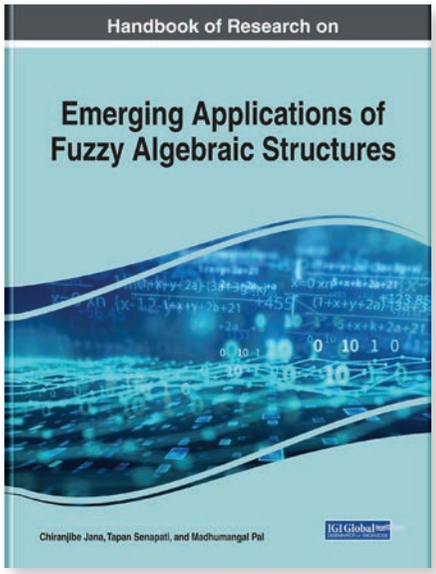

Description:

In the world of mathematics, the study of fuzzy relations and its theories are well-documented and a staple in the area of calculative methods. What many researchers and scientists overlook is how fuzzy theory can be applied to industries outside of arithmetic. The framework of fuzzy logic is much broader than professionals realize. There is a lack of research on the full potential this theoretical model can reach.

The **Handbook of Research on Emerging Applications of Fuzzy Algebraic Structures** provides emerging research exploring the theoretical and practical aspects of fuzzy set theory and its real-life applications within the fields of engineering and science. Featuring coverage on a broad range of topics such as complex systems, topological spaces, and linear transformations, this book is ideally designed for academicians, professionals, and students seeking current research on innovations in fuzzy logic in algebra and other matrices.

Topics Covered:

- Algebraic Structures
- Balanced Triangular Norms
- Complex Systems
- Fuzzy Applications
- Fuzzy Group Theory
- Hyperstructures
- Linear Transformations
- Radical Algebra
- Related Systems
- Topological Spaces

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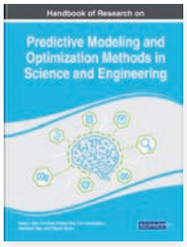

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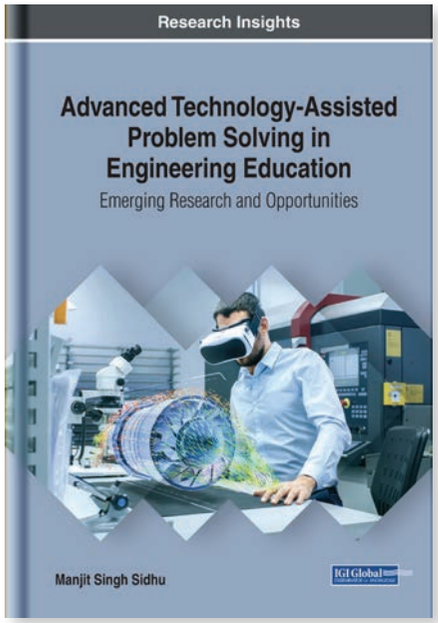

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Prof. Manjit Singh Sidhu (Universiti Tenaga Nasional (COIT), Malaysia)

Description:

Visual multimedia applications integrate animation, sound, graphics, and video to create an engaging, interactive, and effective learning environment. Such software allows students to exercise more control over the pacing and sequencing of their own learning. With the availability of more sophisticated computers, the potential to employ multimedia has grown tremendously.

Advanced Technology-Assisted Problem Solving in Engineering Education: Emerging Research and Opportunities is a critical scholarly publication that examines the development and use of interactive multimedia and mixed reality applications that are used to support engineering pedagogy and curriculum. Containing leading international findings, this advanced publication delivers quality research using learning and consultancy for developing tactics to decipher dilemmas within the field. Highlighting a range of topics such as data analysis, augmented reality, and multimedia, this book is ideal for educators, engineers, curriculum designers, educational software developers, IT consultants, researchers, academicians, and students.

Topics Covered:

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- Data Collection
- Engineering Education
- Human-Centered Design
- Learning Engineering
- Learning Environment
- Learning Styles
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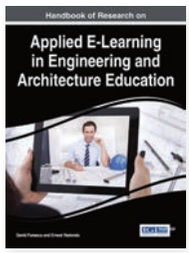

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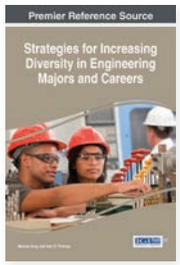

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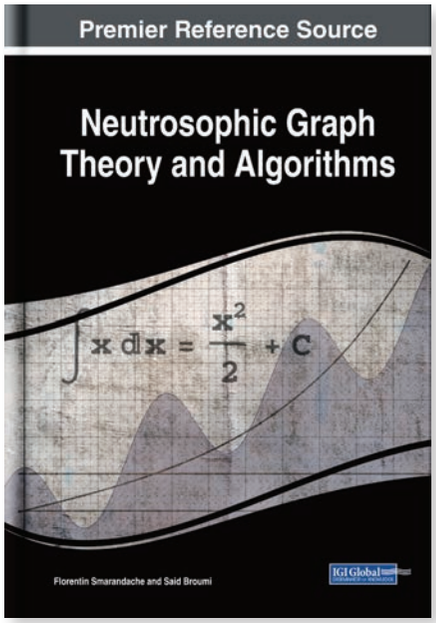

Description:

Graph theory is a specific concept that has numerous applications throughout many industries. Despite the advancement of this technique, graph theory can still yield ambiguous and imprecise results. In order to cut down on these indeterminate factors, neutrosophic logic has emerged as an applicable solution that is gaining significant attention in solving many real-life decision-making problems that involve uncertainty, impreciseness, vagueness, incompleteness, inconsistency, and indeterminacy. However, empirical research on this specific graph set is lacking.

Neutrosophic Graph Theory and Algorithms is a collection of innovative research on the methods and applications of neutrosophic sets and logic within various fields including systems analysis, economics, and transportation. While highlighting topics including linear programming, decision-making methods, and homomorphism, this book is ideally designed for programmers, researchers, data scientists, mathematicians, designers, educators, researchers, academicians, and students seeking current research on the various methods and applications of graph theory.

Topics Covered:

- Decision-Making Methods
- Fuzzy Logic
- Graph Connectivity
- Homomorphism
- Linear Programming
- Neutrosophic Matrices
- Optimization Techniques
- Shortest Path Problems
- Spanning Tree Problems
- Transportation Networks

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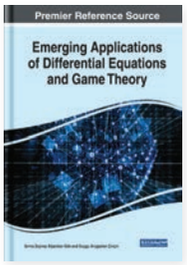

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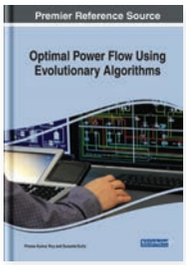

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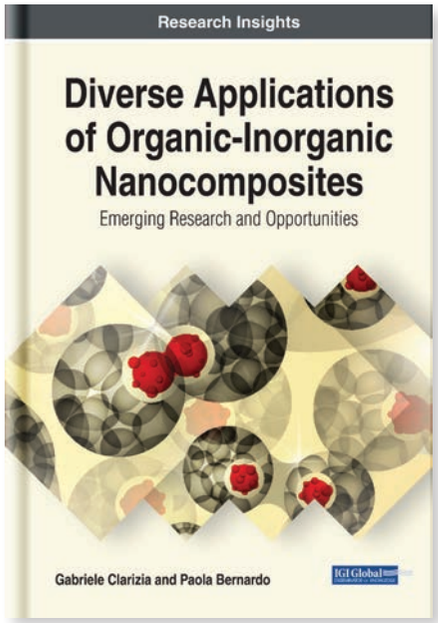

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Description:

Nanocomposite materials are multiphase materials where the interactions between the different components are enhanced by their intimate contact. Indeed, this emerging class of innovative materials guarantees excellent macroscopic properties by taking advantage of the peculiar characteristics that nanometer-sized fillers give to a suitable matrix compared to those obtainable with the same fillers at micrometric dimensions. These innovative materials improve and extend the range of desirable properties.

Diverse Applications of Organic-Inorganic Nanocomposites: Emerging Research and Opportunities s a pivotal reference source that provides vital research on the application of organic-inorganic nanocomposite materials within various professional disciplines and in different human activities. While highlighting topics such as photocatalysis, atomistic modeling, and membrane separation, this publication explores the strengths and weaknesses of nanocomposites as well as future concepts and devices. This book is ideally designed for chemists, biologists, engineers, researchers, government professionals, academicians, and postgraduate students.

Topics Covered:

- Aerospace Applications
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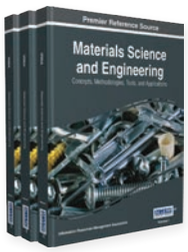

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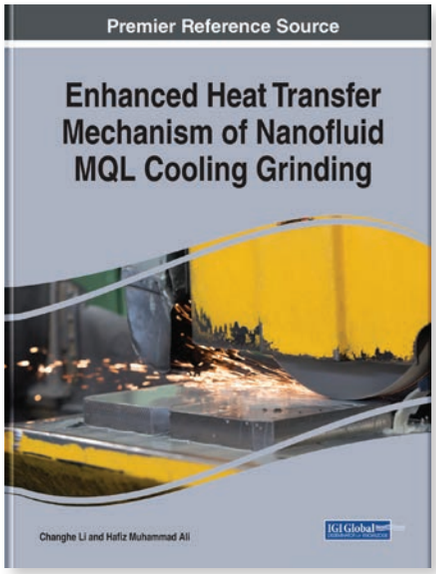

Description:

In today's modern world, the manufacturing industry is embracing an energy-efficient initiative and adopting green techniques. One aspect that has failed to adopt this scheme is flood grinding. Current flood grinding methods increase the treatment cost of grinding fluid and waste large quantities. In order to remain sustainable and efficient, in-depth research is necessary to study green grinding technologies that can ensure machining precision and surface quality of workpiece and reduce grinding fluid-induced environmental pollution.

Enhanced Heat Transfer Mechanism of Nanofluid MQL Cooling Grinding provides emerging research exploring the theoretical and practical aspects of nanofluid lubrication and its application within grinding flow and green manufacturing. Featuring coverage on a broad range of topics such as airflow distribution, morphology analysis, and lubrication performance, this book is ideally designed for mechanical professionals, engineers, manufacturers, researchers, scientists, academicians, and students seeking current research on clean and low-carbon precision machining methods.

Topics Covered:

- Airflow Distribution
- Convection Methods
- Green Manufacturing
- Grinding Theory
- Grinding Wheel Surface
- Lubrication Performance
- Microstructures
- Morphology Analysis
- Nanotechnology
- Thermodynamics

ISBN: 9781799815464
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Pages: 441

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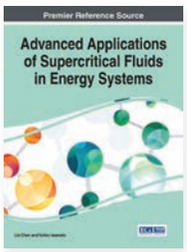

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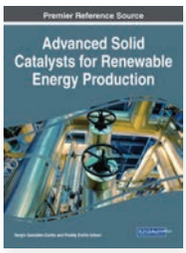

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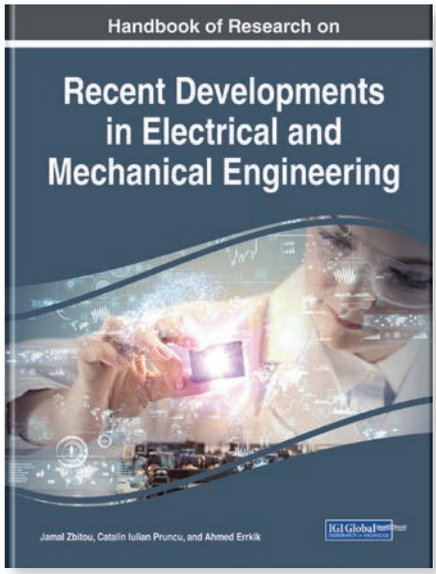

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Profs. Jamal Zbitou (University of Hassan 1st, Morocco), Catalin Iulian Pruncu (Imperial College London, UK), and Ahmed Errkik (University of Hassan 1st, Morocco)

Description:

Technological advancements continue to enhance the field of engineering and have led to progress in branches that include electrical and mechanical engineering. These technologies have allowed for more sophisticated circuits and components while also advancing renewable energy initiatives. With increased growth in these fields, there is a need for a collection of research that details the variety of works being studied in our globalized world.

The **Handbook of Research on Recent Developments in Electrical and Mechanical Engineering** is a pivotal reference source that discusses the latest advancements in these engineering fields. Featuring research on topics such as materials manufacturing, microwave photons, and wireless power transfer, this book is ideally designed for graduate students, researchers, engineers, manufacturing managers, and academicians seeking coverage on the works and experiences achieved in electrical and mechanical engineering.

ISBN: 9781799801177
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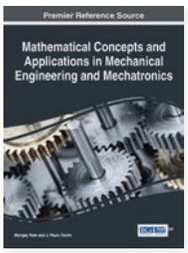

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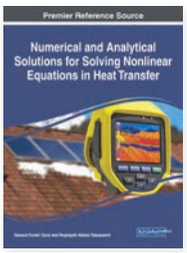

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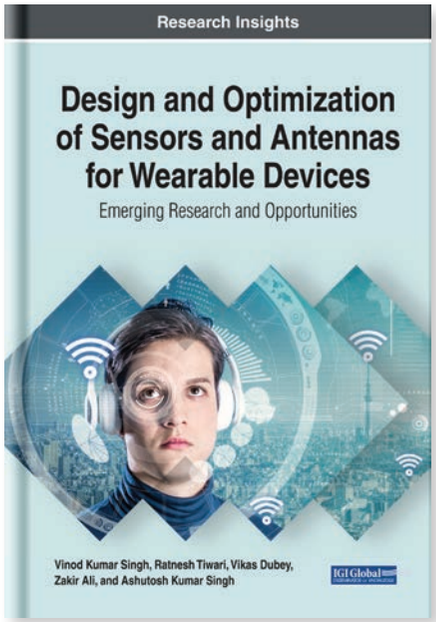

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Wearable continuous monitoring systems are necessary in risky environments such as mining and diving and are especially important in the medical monitoring of patients both in medical facilities and at home. All these applications of monitoring with data transmission functions can be achieved by using wearable antennas. Recently, possibilities of connecting completely independent appliances with textiles have emerged. However, full success will be achieved only when antennas and all related components are entirely converted into 100% textile materials.

Design and Optimization of Sensors and Antennas for Wearable Devices: Emerging Research and Opportunities provides innovative insights on the development of adaptable materials and textile antennas that can be used in the construction of wearable devices that are biocompatible and offer high conductivity, low cost, simplistic manufacturing, are comfortable for the wearer, and are water/climate safe and condition amicable. The content within this publication examines data transmission, wearable computing, and medical applications. It is designed for engineers, manufacturers, researchers, academicians, and scientists who are interested in the development of wearable technologies.

Topics Covered:

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- Radio Communication
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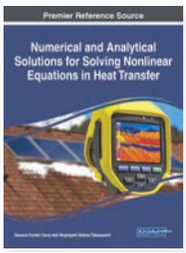

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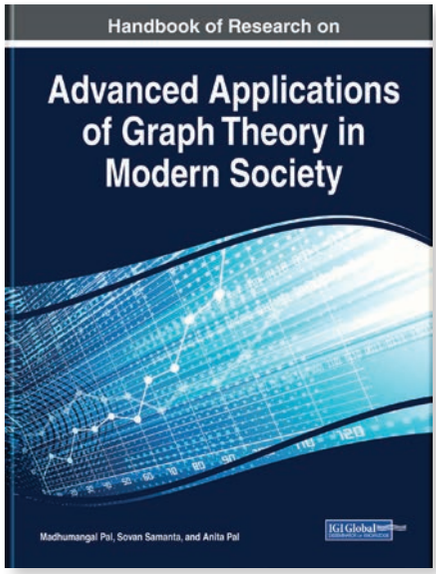

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ISBN: 9781522593805
Release Date: August, 2019
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Pages: 591

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Hardcover: US $245.00
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Description:

In the world of mathematics and computer science, technological advancements are constantly being researched and applied to ongoing issues. Setbacks in social networking, engineering, and automation are themes that affect everyday life, and researchers have been looking for new techniques in which to solve these challenges. Graph theory is a widely studied topic that is now being applied to real-life problems.

The **Handbook of Research on Advanced Applications of Graph Theory in Modern Society** is an essential reference source that discusses recent developments on graph theory, as well as its representation in social networks, artificial neural networks, and many complex networks. The book aims to study results that are useful in the fields of robotics and machine learning and will examine different engineering issues that are closely related to fuzzy graph theory. Featuring research on topics such as artificial neural systems and robotics, this book is ideally designed for mathematicians, research scholars, practitioners, professionals, engineers, and students seeking an innovative overview of graphic theory.

Topics Covered:

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- Graph Theory
- Machine Learning
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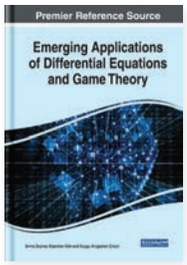

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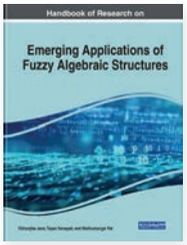

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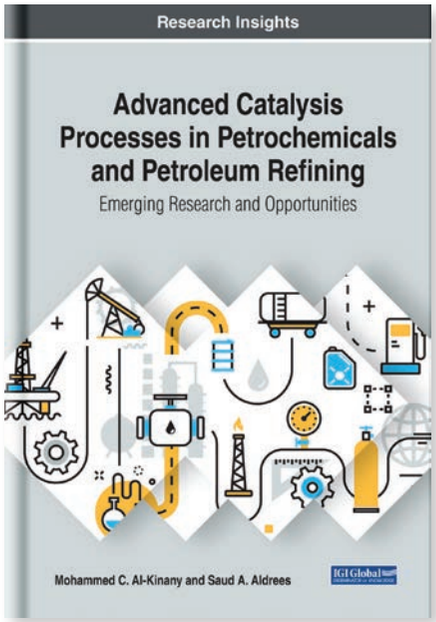

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Petroleum refining and the petrochemical industry play an important role in the current world economy. They provide the platform to convert basic raw materials into many essential products, ranging from transportation fuels (such as gasoline, jet fuel, diesel, and gas oil) to basic and intermediate materials for petrochemical industries and many other valuable chemical products.

Advanced Catalysis Processes in Petrochemicals and Petroleum Refining: Emerging Research and Opportunities is an essential comprehensive research publication that provides knowledge on refining processes that could be integrated by the petrochemical industry and discusses how to integrate refining products with petrochemical industries through the use of new technologies. Featuring a range of topics such as biofuel production, environmental sustainability, and biorefineries, this book is ideal for engineers, chemists, industry professionals, policymakers, researchers, academicians, and petrochemical companies.

Topics Covered:

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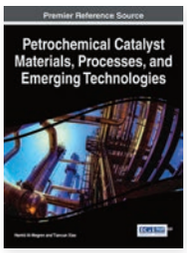

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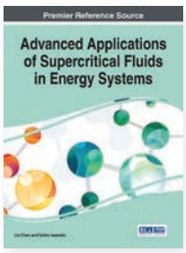

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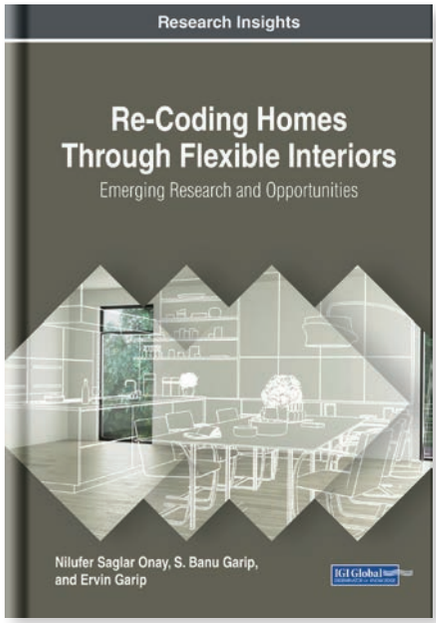

通过灵活多变的室内设计重新定义家：新兴研究与机遇

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Profs. Nilüfer Saglar Onay (Politecnico di Torino, Italy), S. Banu Garip (Istanbul Technical University, Turkey), and Ervin Garip (Istanbul Technical University, Turkey)

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Release Date: July, 2019
Copyright: 2020
Pages: 165

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Hardcover: US $175.00
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Description:

Cities are not only places that house buildings; they are also spaces where cultural and social relations are built and developed. These properties must be taken into consideration when constructing and renovating new housing. Different methodologies can be used in order to create new flexible solutions for mass housing units' interior spaces with the aim of improving their adaptability by using a user-centered approach.

Re-Coding Homes Through Flexible Interiors: Emerging Research and Opportunities is an optimal resource that investigates how interior design models can transform existing spaces into more flexible and functional housing units while also increasing the functional value and spatial quality of living spaces in social housing. The book specifically discusses how genetic algorithms, a generative design approach, are used to solve nonlinear design problems. It also provides results that can be referenced based on actual domain data, which can be used as references to other architectural and interior design approaches. Featuring research on topics such as housing design and mass housing, this book is ideally designed for architects, engineers, interior designers, furniture designers, construction companies, architecture firms, practitioners, academicians, students, and researchers.

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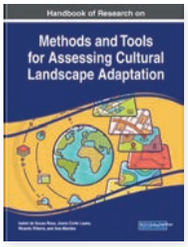

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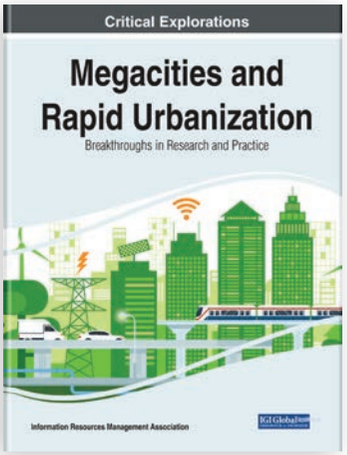

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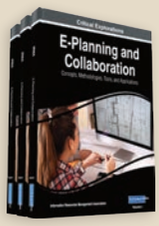

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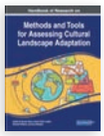

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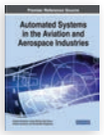

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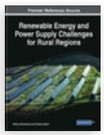

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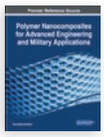

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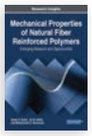

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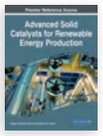

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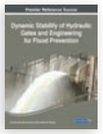

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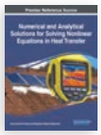

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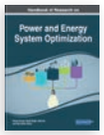

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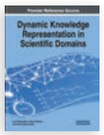

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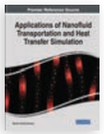

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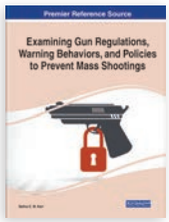

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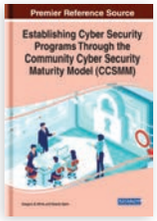

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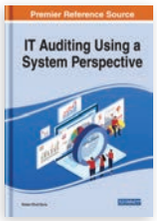

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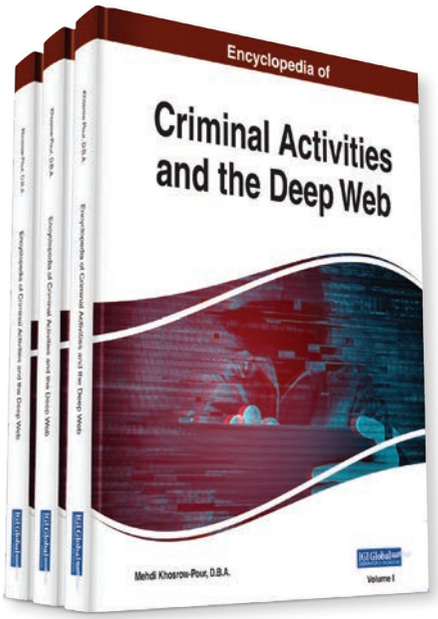

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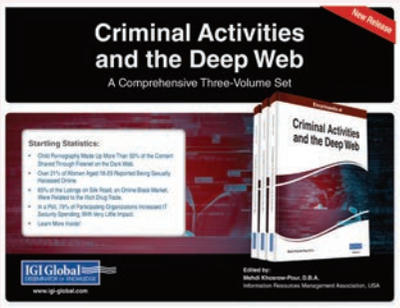

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- Over 21% of Women Aged 18-29 Reported Being Sexually Harassed Online.
- 65% of the Listings on Silk Road, an Online Black Market, Were Related to the Illicit Drug Trade.
- In a Poll, 79% of Participating Organizations Increased IT Security Spending, With Very Little Impact.

本书章节示例:

Artificial Intelligence-Based Cybercrime Prof. Bogdan Hoanca, University of Alaska, Anchorage, USA Prof. Kenrick J. Mock, University of Alaska, Anchorage, USA	**The Spy Who Never Has to Go Out Into the Cold Cyber Espionage** Prof. Laura Pinto Hansen, Western New England University, USA
Cyberstalking: The New Threat on the Internet Prof. Edith Huber, Danube University Krems, Austria Prof. Roman H. Brandtweiner, Vienna University of Economics and Business, Austria	**Privacy and Security Challenges in the Internet of Things** Prof. Fernando Almeida, Polytechnic Institute of Gaya, Portugal Prof. Justino Lourenço, Polytechnic Institute of Gaya, Portugal
Online Expression, Personal Cybersecurity Costs, and the Specter of Cybercrime Prof. Juhani Rauhala, University of Jyväskylä, Finland Prof. Pasi Tyrväinen, University of Jyväskylä, Finland Prof. Nezer Zaidenberg, College of Management Academic Studies, Israel	**Crookies: Tampering With Cookies to Defraud E-Marketing** Prof. Bede Ravindra Amarasekara, Massey University, New Zealand Prof. Anuradha Mathrani, Massey University, New Zealand Prof. Chris Scogings, Massey University, New Zealand

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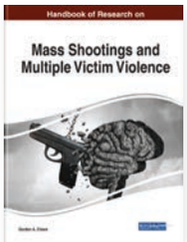

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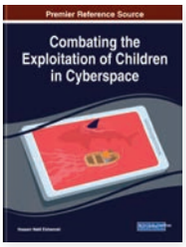

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Security Management in Mobile Cloud Computing
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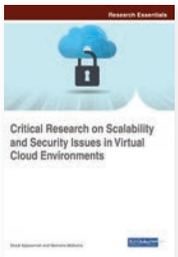

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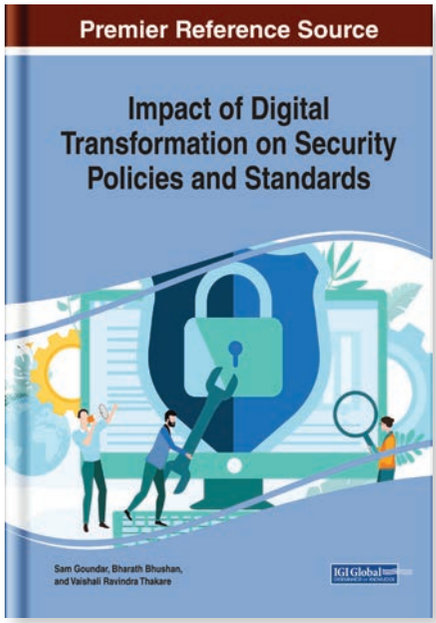

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Pages: 215

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数字转型对安全政策和标准的影响

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Sam Goundar (The University of the South Pacific, Fiji), Bharath Bhushan (Sree Vidyanikethan Engineering College, India), and Vaishali Ravindra Thakare (Atria Institute of Technology, India)

Description:

Digital transformation is a revolutionary technology that will play a vital role in major industries, including global governments. These administrations are taking the initiative to incorporate digital programs with their objective being to provide digital infrastructure as a basic utility for every citizen, provide on demand services with superior governance, and empower their citizens digitally. However, security and privacy are major barriers in adopting these mechanisms, as organizations and individuals are concerned about their private and financial data.

Impact of Digital Transformation on Security Policies and Standards is an essential research book that examines the policies, standards, and mechanisms for security in all types of digital applications and focuses on blockchain and its imminent impact on financial services in supporting smart government, along with bitcoin and the future of digital payments. Highlighting topics such as cryptography, privacy management, and e-government, this book is ideal for security analysts, data scientists, academicians, policymakers, security professionals, IT professionals, government officials, finance professionals, researchers, and students.

Topics Covered:

- Authentication
- Blockchain
- Business Models
- Cryptography
- Cyber Security
- Data Security
- Database Issues
- E-Government
- Encryption
- Ethics
- Information Security
- Privacy Management
- Security Policies

Related Books

Cyber Security and Threats: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,711 pp.

Cybersecurity Breaches and Issues Surrounding Online Threat Protection
© 2017; 408 pp.

风险管理与网络情报的跨学科研究

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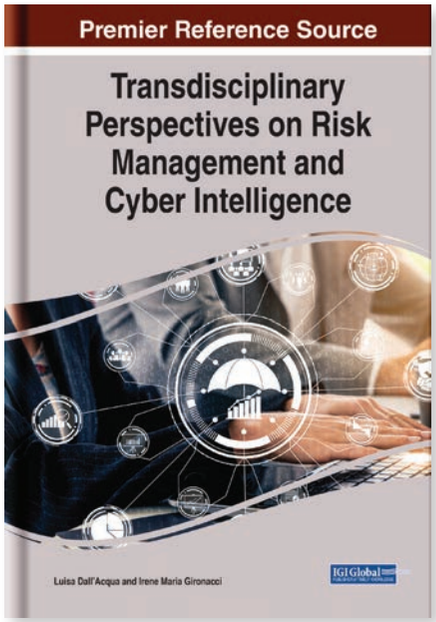
Profs. Luisa Dall'Acqua (University of Bologna, Italy & LS TCO, Italy) and Irene Maria Gironacci (Swinburne University of Technology, Australia)



Description:

The emergence of artificial intelligence has created a vast amount of advancements within various professional sectors and has transformed the way organizations conduct themselves. The implementation of intelligent systems has assisted with developing traditional processes including decision making, risk management, and security. An area that requires significant attention and research is how these companies are becoming accustomed to computer intelligence and applying this technology to their everyday practices.

Transdisciplinary Perspectives on Risk Management and Cyber Intelligence is a pivotal reference source that provides vital research on the application of intelligent systems within various professional sectors as well as the exploration of theories and empirical findings. While highlighting topics such as decision making, cognitive science, and knowledge management, this publication explores the management of risk and uncertainty using training exercises, as well as the development of managerial intelligence competency. This book is ideally designed for practitioners, educators, researchers, policymakers, managers, developers, analysts, politicians, and students seeking current research on modern approaches to the analysis and performance of cyber intelligence.

ISBN: 9781799843399
Release Date: August, 2020
Copyright: 2021
Pages: 273

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Cognitive Science
- Cyber Threats
- Decision Making
- Defense Strategies
- Intelligent Analysis
- Intelligent Technologies
- Knowledge Management
- Risk Management
- Security Intelligence
- Virtual Reality

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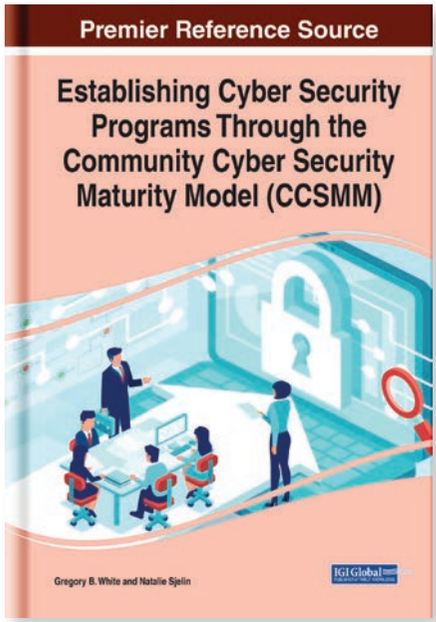

通过社区网络安全成熟度模型（CCSMM）建立网络安全计划

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Gregory B. White (CIAS, The University of Texas at San Antonio, USA) and Natalie Sjelin (CIAS, The University of Texas at San Antonio, USA)

Description:

As society continues to heavily rely on software and databases, the risks for cyberattacks have increased rapidly. As the dependence on computers has become gradually widespread throughout communities and governments, there is a need for cybersecurity programs that can assist in protecting sizeable networks and significant amounts of data at once. Implementing overarching security policies for software systems is integral to protecting community-wide data from harmful attacks.

Establishing Cyber Security Programs Through the Community Cyber Security Maturity Model (CCSMM) is an essential reference source that discusses methods in applying sustainable cybersecurity programs and policies within organizations, governments, and other communities. Featuring research on topics such as community engagement, incident planning methods, and information sharing, this book is ideally designed for cybersecurity professionals, security analysts, managers, researchers, policymakers, students, practitioners, and academicians seeking coverage on novel policies and programs in cybersecurity implementation.

ISBN: 9781799844716
Release Date: July, 2020
Copyright: 2021
Pages: 221

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Community Engagement
- Cyber Attacks
- Implementation Mechanisms
- Incident Planning Methods
- Incident Responses
- Information Sharing
- NIST Frameworks
- Security Preparedness
- Security Training
- Self-Assessment Strategies

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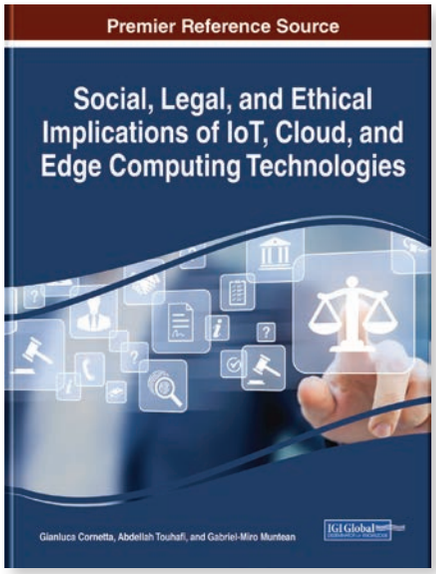

Description:

The adoption of cloud and IoT technologies in both the industrial and academic communities has enabled the discovery of numerous applications and ignited countless new research opportunities. With numerous professional markets benefiting from these advancements, it is easy to forget the non-technical issues that accompany technologies like these. Despite the advantages that these systems bring, significant ethical questions and regulatory issues have become prominent areas of discussion.

Social, Legal, and Ethical Implications of IoT, Cloud, and Edge Computing Technologies is a pivotal reference source that provides vital research on the non-technical repercussions of IoT technology adoption. While highlighting topics such as smart cities, environmental monitoring, and data privacy, this publication explores the regulatory and ethical risks that stem from computing technologies. This book is ideally designed for researchers, engineers, practitioners, students, academicians, developers, policymakers, scientists, and educators seeking current research on the sociological impact of cloud and IoT technologies.

ISBN: 9781799838173
Release Date: June, 2020
Copyright: 2020
Pages: 333

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Hardcover: US $215.00
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E-Book: US $215.00

Topics Covered:

- Assisted Living
- Cloud Architecture
- Data Analysis
- Data Privacy
- E-Governance
- Environmental Monitoring
- Smart Cities
- Sustainable Business
- Technology-Enhanced Learning

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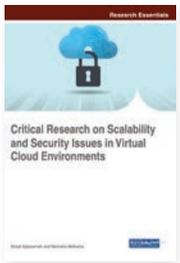

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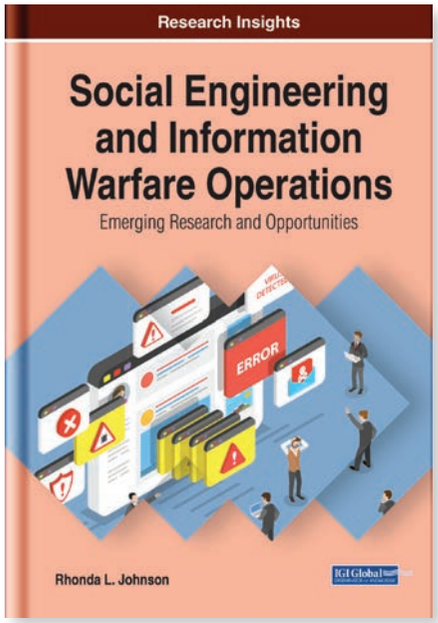

社会工程与信息战作战：新兴研究与机遇

Part of the Advances in Digital Crime, Forensics, and Cyber Terrorism Book Series

Prof. Rhonda L. Johnson (Upper Iowa University, USA)

ISBN: 9781799842705
Release Date: August, 2020
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Pages: 150

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Description:

In the age of hybrid warfare, psychological tactics are used to support more technical forms of information warfare such as denial of service attacks and infiltration of adversary computer systems. The use of social engineering attacks has been on the rise and is of greater importance as social media, microblogging, and content sharing websites are increasingly used as critical information channels. To prevent further unsuspecting individuals from falling victim, more research investigating hackers' innovative methods are needed.

Social Engineering and Information Warfare Operations: Emerging Research and Opportunities provides case studies from around the world that illustrate the power of social engineering in cyber-crime and information warfare operations and insights from social engineering practitioners in the field. Featuring coverage on a broad range of topics such as artificial intelligence, information security, and cyberwarfare, this book is ideally designed for cyber security experts, corporate trainers, policymakers, researchers, academicians, students, and industry professionals looking to enhance their security education and training.

Topics Covered:

- Artificial Intelligence
- Automated Systems
- Cognitive Hacking
- Cyberwarfare
- Data Collection
- Guerrilla Information Warfare
- Information Security
- Remote Monitoring
- Social Bot
- Social Media

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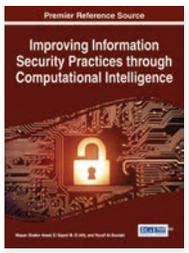

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© 2016; 327 pp.

Innovative Solutions for Access Control Management
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下一代光网络的设计、实现与分析：新兴研究与机遇

Part of the Advances in Wireless Technologies and Telecommunication Book Series

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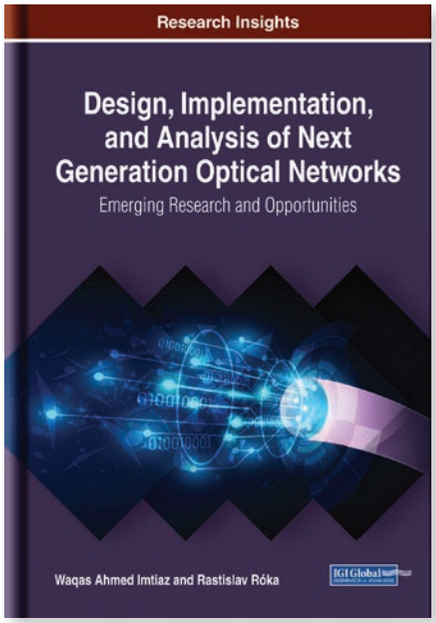

Description:

By the end of the decade, approximately 50 billion devices will be connected over the internet using multiple services such as online gaming, ultra-high definition videos, and 5G mobile services. The associated data traffic demand in both fixed and mobile networks is increasing dramatically, causing network operators to have to migrate the existing optical networks towards next-generation solutions. The main challenge within this development stems from network operators having difficulties finding cost-effective next-generation optical network solutions that can match future high capacity demand in terms of data, reach, and the number of subscribers to support multiple network services on a common network infrastructure.

Design, Implementation, and Analysis of Next Generation Optical Networks: Emerging Research and Opportunities is an essential reference source that discusses the next generation of high capacity passive optical access networks (PON) in terms of design, implementation, and analysis and offers a complete reference of technology solutions for next-generation optical networks. Featuring research on topics such as artificial intelligence, electromagnetic interface, and wireless communication, this book is ideally designed for researchers, engineers, scientists, and students interested in understanding, designing, and analyzing the next generation of optical networks.

ISBN: 9781522597674
Release Date: July, 2019
Copyright: 2020
Pages: 221

Pricing:

Hardcover: US $195.00
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Topics Covered:

- Artificial Intelligence
- Big Data
- Circuit Switching
- Cloud Computing
- Cooperative Computing
- Electromagnetic Interface
- Network Design
- System Architecture
- Wireless Communication
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欧盟个人数据保护与法律发展

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Prof. Maria Tzanou (Keele University, UK)

Description:

In the age of technological advancement, including the emergence of artificial intelligence, big data, and the internet of things, the need for privacy and protection has risen massively. This phenomenon has led to the enforcement of two major legal directives in the European Union (EU) that aim to provide vigorous protection of personal data. There is a need for research on the repercussions and developments that have materialized with these recent regulations and how the rest of the world has been affected.

Personal Data Protection and Legal Developments in the European Union is an essential reference source that critically discusses different aspects of the GDPR and the Law Enforcement Directive as well as recent jurisprudential developments concerning data privacy in the EU and its member states. It also addresses relevant recent case law of the Court of Justice of the EU, the European Court of Human Rights, and national courts. Featuring research on topics such as public transparency, medical research data, and automated decision making, this book is ideally designed for law practitioners, data scientists, policymakers, IT professionals, politicians, researchers, analysts, academicians, and students working in the areas of privacy, data protection, big data, information technology, and human rights law.

ISBN: 9781522594895
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Pages: 375

Pricing:

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Topics Covered:

- Automated Decision Making
- Brexit
- Children's Privacy
- Data Categorization
- Data Subject Rights
- General Data Protection Regulation (GDPR)
- Medical Research Data
- Personal Consent
- Political Elections
- Public Transparency
- Research Ethics

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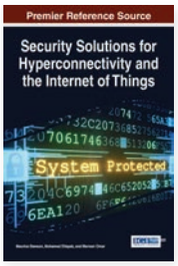

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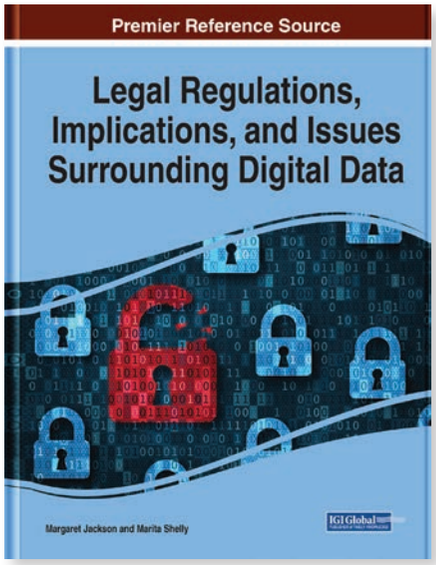
Profs. Margaret Jackson (RMIT University, Australia) and Marita Shelly (RMIT University, Australia)



Description:

Every year, there are advances in the way that we deal with information as individuals, governments, and organizations. We live and work predominantly online resulting in an enormous amount of digital data. The way that information is used is constantly changing with individuals, governments, and corporations all involved in collecting, storing, using, disclosing, and transferring information online. The growth in artificial intelligence and its effects on data will impact all individuals. It is imperative that a greater understanding of these new advances is gained, in particular, the legal implications they have for society.

Legal Regulations, Implications, and Issues Surrounding Digital Data is an essential research publication that assists readers in understanding the current technology they are using, how digital data is being used by governments and organizations, and the current legal issues surrounding these areas that set out challenges in everyday life. Highlighting topics such as data protection, cybercrime, and privacy, this book is ideal for lawyers, academicians, IT specialists, policymakers, cybersecurity professionals, law professionals, researchers, academicians, and students.

Topics Covered:

- Artificial Intelligence
- Big Data
- Block Chain
- Crowd Funding
- Cybercrimes
- Data Protection
- Decision-Making Systems
- Digital Forensics
- Digital Property
- Free Speech
- Online Data
- Online Scams
- Privacy

ISBN: 9781799831303
Release Date: June, 2020
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Pages: 240

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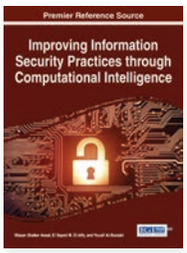

Improving Information Security Practices through Computational Intelligence
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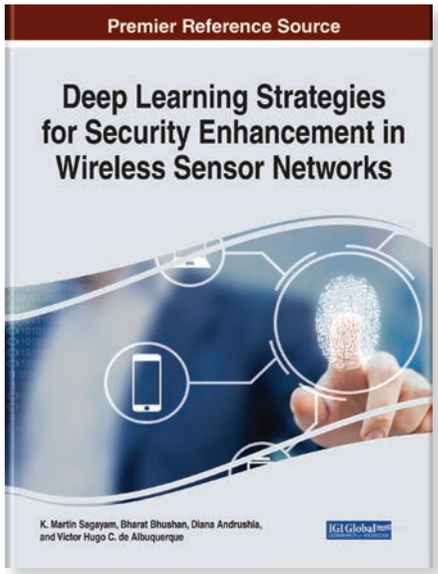

ISBN: 9781799850687
Release Date: June, 2020
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Pages: 405

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无线传感器网络安全增强的深度学习策略

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Prof. K. Martin Sagayam (Karunya Institute of Technology and Sciences, India), et al.

Description:

Wireless sensor networks have gained significant attention industrially and academically due to their wide range of uses in various fields. Because of their vast amount of applications, wireless sensor networks are vulnerable to a variety of security attacks. The protection of wireless sensor networks remains a challenge due to their resource-constrained nature, which is why researchers have begun applying several branches of artificial intelligence to advance the security of these networks. Research is needed on the development of security practices in wireless sensor networks by using smart technologies.

Deep Learning Strategies for Security Enhancement in Wireless Sensor Networks provides emerging research exploring the theoretical and practical advancements of security protocols in wireless sensor networks using artificial intelligence-based techniques. Featuring coverage on a broad range of topics such as clustering protocols, intrusion detection, and energy harvesting, this book is ideally designed for researchers, developers, IT professionals, educators, policymakers, practitioners, scientists, theorists, engineers, academicians, and students seeking current research on integrating intelligent techniques into sensor networks for more reliable security practices.

Topics Covered:

- Clustering Protocols
- Computational Intelligence
- Data Integrity
- Distributed Learning Strategies
- Energy Harvesting
- Intrusion Detection
- Machine Learning
- Quality of Service
- Query Processing
- Sink Mobility
- Virtualization

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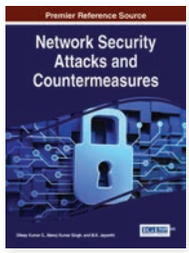
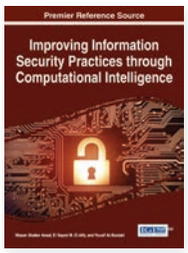


Network Security Attacks and Countermeasures
© 2016; 357 pp.



Improving Information Security Practices through Computational Intelligence
© 2016; 327 pp.

大规模数据串流、处理和区块链安全

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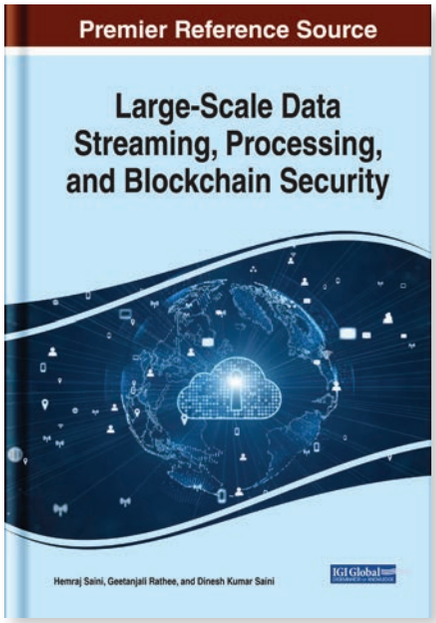
Profs. Hemraj Saini (Jaypee University of Information Technology, India), Geetanjali Rathee (Jaypee University of Information Technology, India), and Dinesh Kumar Saini (Sohar University, Oman)



Description:

Data has cemented itself as a building block of daily life. However, surrounding oneself with great quantities of information heightens risks to one's personal privacy. Additionally, the presence of massive amounts of information prompts researchers into how best to handle and disseminate it. Research is necessary to understand how to cope with the current technological requirements.

Large-Scale Data Streaming, Processing, and Blockchain Security is a collection of innovative research that explores the latest methodologies, modeling, and simulations for coping with the generation and management of large-scale data in both scientific and individual applications. Featuring coverage on a wide range of topics including security models, internet of things, and collaborative filtering, this book is ideally designed for entrepreneurs, security analysts, IT consultants, security professionals, programmers, computer technicians, data scientists, technology developers, engineers, researchers, academicians, and students.

Topics Covered:

- Blockchain Solutions
- Cloud Computing
- Collaborative Filtering
- Decentralized Streaming
- Deep Learning
- Fog Computing
- Information Security
- Internet of Things
- Interpersonal Trust
- Recommendation Systems
- Sampling
- Security Models

ISBN: 9781799834441
Release Date: August, 2020
Copyright: 2021
Pages: 285

Pricing:

Hardcover: US $225.00
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E-Book: US $225.00

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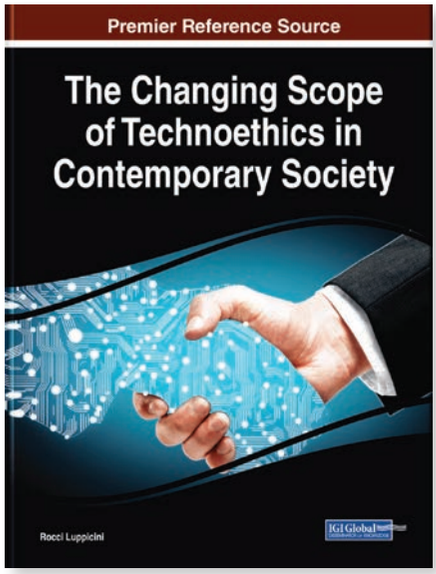

当代社会技术伦理的变化范围

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Prof. Rocci Luppicini (University of Ottawa, Canada)

Description:

In the modern era each new innovation poses its own special ethical dilemma. How can human society adapt to these new forms of expression, commerce, government, citizenship, and learning while holding onto its ethical and moral principles?

The Changing Scope of Technoethics in Contemporary Society is a critical scholarly resource that examines the existing intellectual platform within the field of technoethics. Featuring coverage on a broad range of topics such as ethical perspectives on internet safety, technoscience, and ethical hacking communication, this book is geared towards academicians, researchers, and students seeking current research on domains of technoethics.

ISBN: 9781522550945
Release Date: April, 2018
Copyright: 2018
Pages: 403

Pricing:

Hardcover: US $225.00
E-Book: US $225.00

Topics Covered:

- Bioethics
- Cyberbullying
- Digital Ethics
- Ethical Hacking Communication
- Human Enhancement Technology
- Internet Safety
- Robotic Ethics
- Socio-Ethics
- Technoscience

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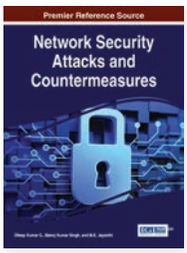

Network Security Attacks and Countermeasures
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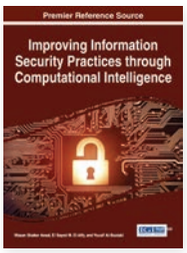

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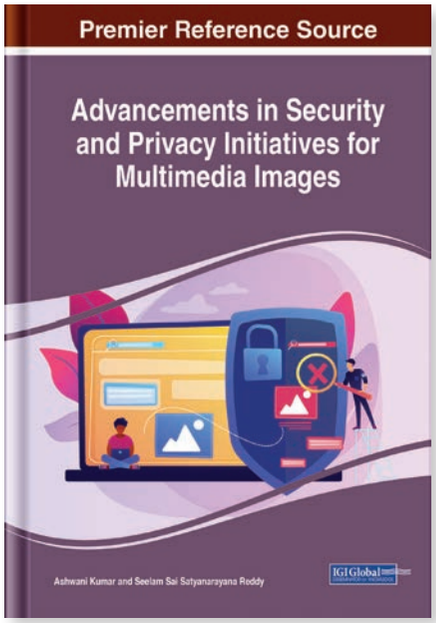
多媒体图像安全和隐私保护措施的研究进展

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Ashwani Kumar (Vardhaman College of Engineering, India) and Seelam Sai Satyanarayana Reddy (Vardhaman College of Engineering, India)



Description:

The use of digital images in today's modernized market is rapidly increasing throughout organizations due to the prevalence of social media and digital content. Companies who wish to distribute their content over the internet face numerous security risks such as copyright violation. Advanced methods for the protection and security of digital data are constantly emerging, and up-to-date research in this area is lacking.

Advancements in Security and Privacy Initiatives for Multimedia Images is a collection of innovative research on the methods and applications of contemporary techniques for the security and copyright protection of images and their distribution. While highlighting topics including simulation-based security, digital watermarking protocols, and counterfeit prevention, this book is ideally designed for security analysts, researchers, developers, programmers, academicians, practitioners, students, executives, educators, and policymakers seeking current research on modern security improvements for multimedia images.

Topics Covered:

- Cloud Storage
- Counterfeit Prevention
- Digital Image Segmentation
- Digital Watermarking Protocols
- Image Noise Analysis
- Image Processing
- Intrusion Detection Systems
- Pervasive Computing
- Simulation-Based Security
- Smart Device Privacy

ISBN: 9781799827955
Release Date: September, 2020
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Pages: 278

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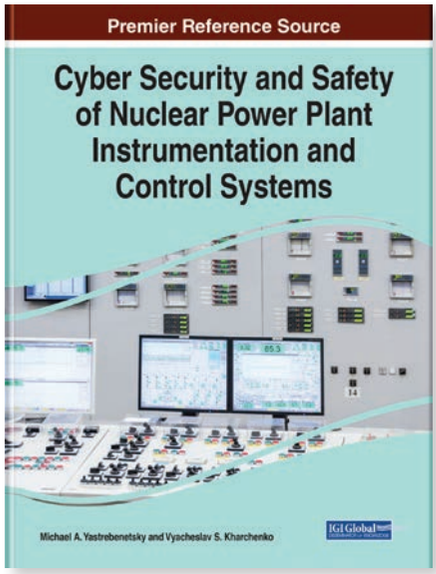

ISBN: 9781799832775
Release Date: May, 2020
Copyright: 2020
Pages: 501

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核电站仪表和控制系统的网络安全

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Profs. Michael A. Yastrebenetsky (State Scientific and Technical Centre for Nuclear and Radiation Safety, Ukraine) and Vyacheslav S. Kharchenko (National Aerospace University KhAI, Ukraine)

Description:

Safety and security are crucial to the operations of nuclear power plants, but cyber threats to these facilities are increasing significantly. Instrumentation and control systems, which play a vital role in the prevention of these incidents, have seen major design modifications with the implementation of digital technologies. Advanced computing systems are assisting in the protection and safety of nuclear power plants; however, significant research on these computational methods is deficient.

Cyber Security and Safety of Nuclear Power Plant Instrumentation and Control Systems is a pivotal reference source that provides vital research on the digital developments of instrumentation and control systems for assuring the safety and security of nuclear power plants. While highlighting topics such as accident monitoring systems, classification measures, and UAV fleets, this publication explores individual cases of security breaches as well as future methods of practice. This book is ideally designed for engineers, industry specialists, researchers, policymakers, scientists, academicians, practitioners, and students involved in the development and operation of instrumentation and control systems for nuclear power plants, chemical and petrochemical industries, transport, and medical equipment.

Topics Covered:

- Accident Monitoring Systems
- Assurance Cases
- Classification Measures
- Field Applications
- Gate Array Technology
- Markov's Model
- Robust Systems
- Safety Composition
- Security Vulnerabilities
- UAV Fleets

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Safety and Security Issues in Technical Infrastructures
© 2020; 499 pp.

Cyber Security and Threats: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,711 pp.

技术基础设施中的安全和安保问题

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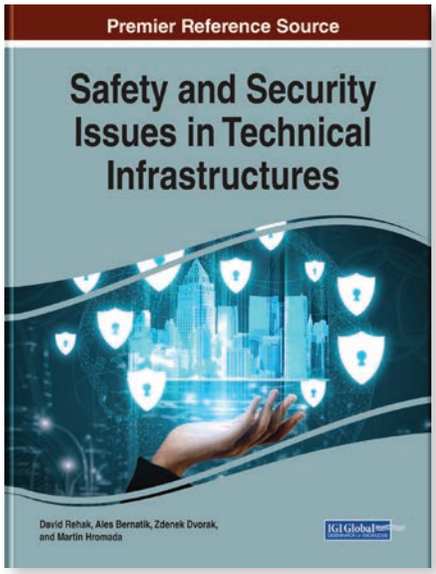
Profs. David Rehak (VSB – Technical University of Ostrava, Czech Republic), Ales Bernatik (VSB – Technical University of Ostrava, Czech Republic), Zdenek Dvorak (University of Zilina, Slovakia), and Martin Hromada (Tomas Bata University in Zlin, Czech Republic)



Description:

In the modern age of urbanization, the mass population is becoming progressively reliant on technical infrastructures. These industrial buildings provide integral services to the general public including the delivery of energy, information and communication technologies, and maintenance of transport networks. The safety and security of these structures is crucial as new threats are continually emerging.

Safety and Security Issues in Technical Infrastructures is a pivotal reference source that provides vital research on the modernization of occupational security and safety practices within information technology-driven buildings. While highlighting topics such as explosion process safety, nanotechnology, and infrastructural risk analysis, this publication explores current risks and uncertainties and the raising of comprehensive awareness for experts in this field. This book is ideally designed for security managers, safety personnel, civil engineers, architects, researchers, construction professionals, strategists, educators, material scientists, property owners, and students.

ISBN: 9781799830597
Release Date: April, 2020
Copyright: 2020
Pages: 499

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

Topics Covered:

- Buildings and Construction
- Decision-Making Processes
- Electricity Infrastructures
- Explosion Process Safety
- Hazardous Substances
- Industry Process Safety
- Infrastructural Risk Analysis
- Nanotechnology
- Probabilistic Safety Assessment
- Simulation and Modelling
- Transport Infrastructures

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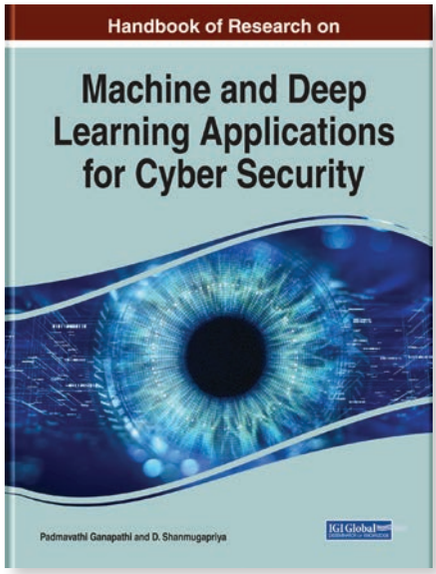

机器与深度学习在网络安全中的应用研究手册

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Padmavathi Ganapathi (Avinashilingam Institute for Home Science and Higher Education for Women, India) and D. Shanmugapriya (Avinashilingam Institute for Home Science and Higher Education for Women, India)

ISBN: 9781522596110
Release Date: July, 2019
Copyright: 2020
Pages: 482

Pricing:

Hardcover: US $295.00
E-Book: US $295.00

Description:

As the advancement of technology continues, cyber security continues to play a significant role in today's world. With society becoming more dependent on the internet, new opportunities for virtual attacks can lead to the exposure of critical information. Machine and deep learning techniques to prevent this exposure of information are being applied to address mounting concerns in computer security.

The **Handbook of Research on Machine and Deep Learning Applications for Cyber Security** is a pivotal reference source that provides vital research on the application of machine learning techniques for network security research. While highlighting topics such as web security, malware detection, and secure information sharing, this publication explores recent research findings in the area of electronic security as well as challenges and countermeasures in cyber security research. It is ideally designed for software engineers, IT specialists, cybersecurity analysts, industrial experts, academicians, researchers, and post-graduate students.

Topics Covered:

- Ad hoc Security
- Biometric Security
- Botnet Identification
- Electronic Commerce
- Information Sharing
- Intrusion Detection
- IoT Security
- Malware Detection
- Network Security
- Web Security

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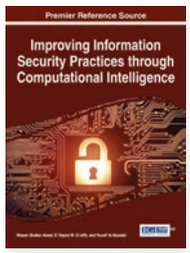

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物联网安全中的区块链应用

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Profs. Harshita Patel (Vellore Institute of Technology, India) and Ghanshyam Singh Thakur (Maulana Azad National Institute of Technology, India)

Description:

Like many other scientific innovations, scientists are looking to protect the internet of things (IoT) from unfortunate losses, theft, or misuse. As one of the current hot trends in the digital world, blockchain technology could be the solution for securing the IoT.

Blockchain Applications in IoT Security presents research for understanding IoT-generated data security issues, existing security facilities and their limitations and future possibilities, and the role of blockchain technology. Featuring coverage on a broad range of topics such as cryptocurrency, remote monitoring, and smart computing, this book is ideally designed for security analysts, IT specialists, entrepreneurs, business professionals, academicians, researchers, students, and industry professionals seeking current studies on the limitations and possibilities behind competitive blockchain technologies.

Topics Covered:

- Artificial Intelligence
- Cloud Computing
- Cryptocurrency
- Data Structure
- Digital Security
- Digital Technology
- Remote Monitoring
- Smart Computing
- Supply Chain Management
- System Architecture

ISBN: 9781799824145
Release Date: September, 2020
Copyright: 2021
Pages: 275

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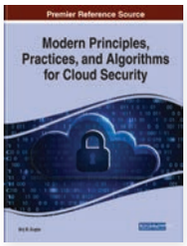

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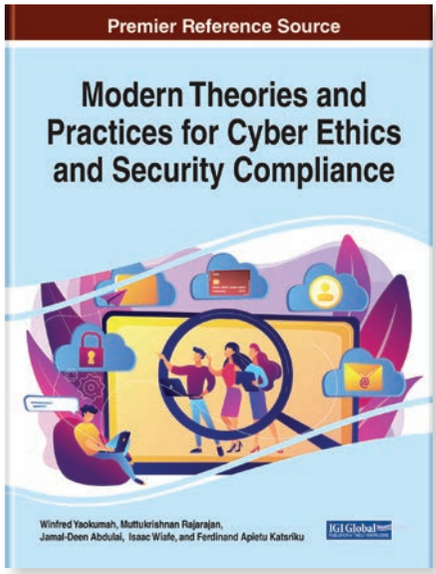

网络安全和网络伦理研究手册

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Profs. Winfred Yaokumah (University of Ghana, Ghana), Muttukrishnan Rajarajan (City University of London, UK), Jamal-Deen Abdulai (University of Ghana, Ghana), Isaac Wiafe (University of Ghana, Ghana), and Ferdinand Apietu Katsriku (University of Ghana, Ghana)

Description:

In today's globalized world, businesses and governments rely heavily on technology for storing and protecting essential information and data. Despite the benefits that computing systems offer, there remains an assortment of issues and challenges in maintaining the integrity and confidentiality of these databases. As professionals become more dependent cyberspace, there is a need for research on modern strategies and concepts for improving the security and safety of these technologies.

Modern Theories and Practices for Cyber Ethics and Security Compliance is a collection of innovative research on the concepts, models, issues, challenges, innovations, and mitigation strategies needed to improve cyber protection. While highlighting topics including database governance, cryptography, and intrusion detection, this book provides guidelines for the protection, safety, and security of business data and national infrastructure from cyber-attacks. It is ideally designed for security analysts, law enforcement, researchers, legal practitioners, policymakers, business professionals, governments, strategists, educators, and students seeking current research on combative solutions for cyber threats and attacks.

ISBN: 9781799831495
Release Date: April, 2020
Copyright: 2020
Pages: 302

Pricing:

Hardcover: US $200.00
Softcover: US $150.00
E-Book: US $200.00

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Topics Covered:

- Access Control
- Cloud Security
- Cryptography
- Cyber Warfare
- Database Governance
- Forensics
- Intellectual Property Rights
- Internet Surveillance
- Intrusion Detection
- Risk Management

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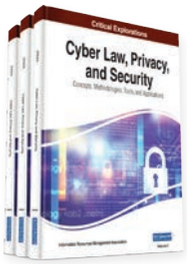

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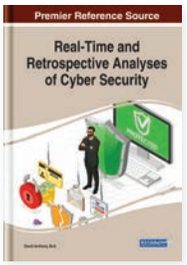

Real-Time and Retrospective Analyses of Cyber Security
© 2021; 267 pp.

多媒体网络安全研究手册

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Brij B. Gupta (National Institute of Technology, Kurukshetra, India) and Deepak Gupta (LoginRadius Inc., Canada)

Description:

Because it makes the distribution and transmission of digital information much easier and more cost effective, multimedia has emerged as a top resource in the modern era. In spite of the opportunities that multimedia creates for businesses and companies, information sharing remains vulnerable to cyber attacks and hacking due to the open channels in which this data is being transmitted. Protecting the authenticity and confidentiality of information is a top priority for all professional fields that currently use multimedia practices for distributing digital data.

The **Handbook of Research on Multimedia Cyber Security** provides emerging research exploring the theoretical and practical aspects of current security practices and techniques within multimedia information and assessing modern challenges. Featuring coverage on a broad range of topics such as cryptographic protocols, feature extraction, and chaotic systems, this book is ideally designed for scientists, researchers, developers, security analysts, network administrators, scholars, IT professionals, educators, and students seeking current research on developing strategies in multimedia security.

Topics Covered:

- Biometrics
- Chaotic Systems
- Cryptographic Protocols
- Encryption
- Feature Extraction
- Information Retrieval
- Intelligent Security Techniques
- Multimedia Forensics
- Smart Cities
- Soft Computing
- Watermarking

ISBN: 9781799827016
Release Date: April, 2020
Copyright: 2020
Pages: 372

Pricing:

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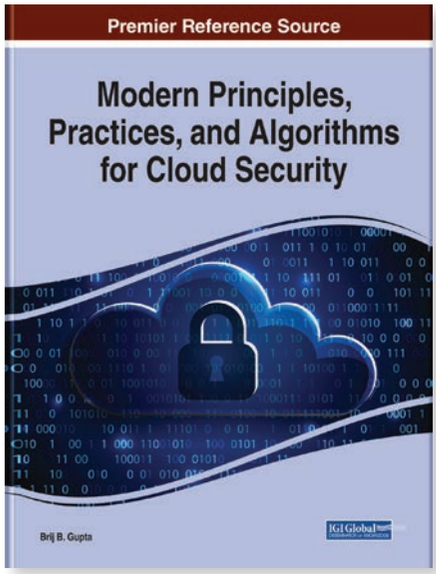

ISBN: 9781799810827
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云安全的最新原则、实践与算法

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Prof. Brij B. Gupta (National Institute of Technology, Kurukshetra, India)

Description:

In today's modern age of information, new technologies are quickly emerging and being deployed into the field of information technology. Cloud computing is a tool that has proven to be a versatile piece of software within IT. Unfortunately, the high usage of Cloud has raised many concerns related to privacy, security, and data protection that have prevented cloud computing solutions from becoming the prevalent alternative for mission critical systems. Up-to-date research and current techniques are needed to help solve these vulnerabilities in cloud computing.

Modern Principles, Practices, and Algorithms for Cloud Security is a pivotal reference source that provides vital research on the application of privacy and security in cloud computing. While highlighting topics such as chaos theory, soft computing, and cloud forensics, this publication explores present techniques and methodologies, as well as current trends in cloud protection. This book is ideally designed for IT specialists, scientists, software developers, security analysts, computer engineers, academicians, researchers, and students seeking current research on the defense of cloud services.

Topics Covered:

- Chaos Theory
- Cloud Forensics
- Cloud Governance
- Cyber Attacks
- ECG Analysis
- Evolutionary Algorithms
- Multilevel Authentication
- Privacy Concepts
- Soft Computing
- User Behavior

Related Books

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© 2017; 248 pp.

打击在网络空间对儿童的剥削

Part of the Book Series

Prof. Hossam Nabil Elshenraki (Dubai Police Academy, United Arab Emirates)

Description:

The internet has greatly enhanced access to, dissemination, and sale of child pornography, which is a profitable industry estimated to generate billions of dollars worldwide. While efforts to address the issue of sexual exploitation of children may be slow, the capabilities of offenders to organize, communicate over the internet, and harness technology are unequivocally fast. Protection of children against cyber exploitation has become imperative, and measures should be taken that are specific and targeted to provide specialized victim identification capabilities; adequate protection for children using the internet; genuine participation of children; a full and responsible private sector; and finally, coordinated, effective, and structured international cooperation to protect all children.

Combating the Exploitation of Children in Cyberspace provides innovative research for understanding all elements of combating cyber exploitation of children including the roles of law enforcement, international organizations, and the judicial system and educating children and their families to the dangers of the independent internet usage through cyberspace awareness programs. The content within this publication examines child grooming, cyberbullying, and cybercrime. It is designed for law enforcement, lawmakers, teachers, government officials, policymakers, IT specialists, cybercriminal researchers, psychologists, victim advocates, professionals, academicians, researchers, and students.

ISBN: 9781799823605
Release Date: October, 2020
Copyright: 2021
Pages: 300

Pricing:

Hardcover: US $245.00
Softcover: US $185.00
E-Book: US $245.00

Topics Covered:

- Child Grooming
- Combating Cybercrime
- Cyber Blackmailing
- Cyberbullying
- Cybercrime
- Dark Web
- Internet Exploitation
- Online Protection
- Sexual Assault
- Social Media

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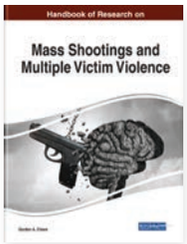

Handbook of Research on Mass Shootings and Multiple Victim Violence
© 2020; 531 pp.

Encyclopedia of Criminal Activities and the Deep Web (3 Vols.)
© 2020; 1,162 pp.

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未来网络环境下工业控制系统的网络安全

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Profs. Mirjana D. Stojanović (University of Belgrade, Serbia) and Slavica V. Boštjančič Rakas (University of Belgrade, Serbia)

Description:

In today's modernized market, many fields are utilizing internet technologies in their everyday methods of operation. The industrial sector is no different as these technological solutions have provided several benefits including reduction of costs, scalability, and efficiency improvements. Despite this, cyber security remains a crucial risk factor in industrial control systems. The same public and corporate solutions do not apply to this specific district because these security issues are more complex and intensive. Research is needed that explores new risk assessment methods and security mechanisms that professionals can apply to their modern technological procedures.

Cyber Security of Industrial Control Systems in the Future Internet Environment is a pivotal reference source that provides vital research on current security risks in critical infrastructure schemes with the implementation of information and communication technologies. While highlighting topics such as intrusion detection systems, forensic challenges, and smart grids, this publication explores specific security solutions within industrial sectors that have begun applying internet technologies to their current methods of operation. This book is ideally designed for researchers, system engineers, managers, networkers, IT professionals, analysts, academicians, and students seeking a better understanding of the key issues within securing industrial control systems that utilize internet technologies.

ISBN: 9781799829102
Release Date: February, 2020
Copyright: 2020
Pages: 374

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

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Profs. Ramesh C. Joshi (Graphic Era University, Dehradun, India) and Brij B. Gupta (National Institute of Technology, Kurukshetra, India)

Description:

With the proliferation of devices connected to the internet and connected to each other, the volume of data collected, stored, and processed is increasing every day, which brings new challenges in terms of information security. As big data expands with the help of public clouds, traditional security solutions tailored to private computing infrastructures and confined to a well-defined security perimeter, such as firewalls and demilitarized zones (DMZs), are no longer effective. New security functions are required to work over the heterogenous composition of diverse hardware, operating systems, and network domains.

Security, Privacy, and Forensics Issues in Big Data is an essential research book that examines recent advancements in big data and the impact that these advancements have on information security and privacy measures needed for these networks. Highlighting a range of topics including cryptography, data analytics, and threat detection, this is an excellent reference source for students, software developers and engineers, security analysts, IT consultants, academicians, researchers, and professionals.

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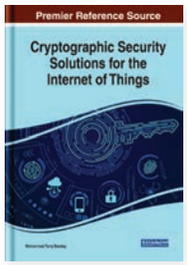

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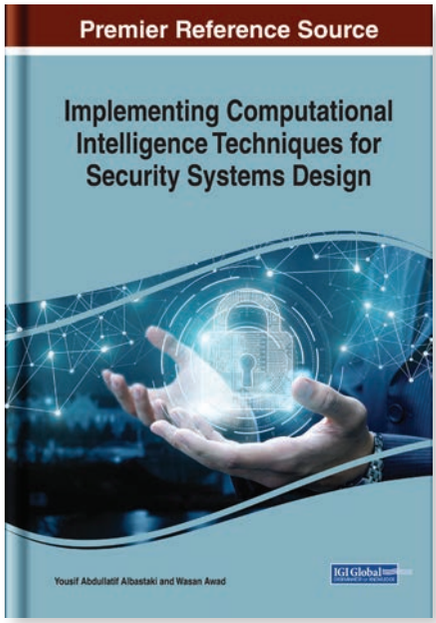

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Profs. Yousif Abdullatif Albastaki (Ahlia University, Bahrain) and Wasan Awad (Ahlia University, Bahrain)

Description:

Recently, cryptology problems, such as designing good cryptographic systems and analyzing them, have been challenging researchers. Many algorithms that take advantage of approaches based on computational intelligence techniques, such as genetic algorithms, genetic programming, and so on, have been proposed to solve these issues.

Implementing Computational Intelligence Techniques for Security Systems Design is an essential research book that explores the application of computational intelligence and other advanced techniques in information security, which will contribute to a better understanding of the factors that influence successful security systems design. Featuring a range of topics such as encryption, self-healing systems, and cyber fraud, this book is ideal for security analysts, IT specialists, computer engineers, software developers, technologists, academicians, researchers, practitioners, and students.

Topics Covered:

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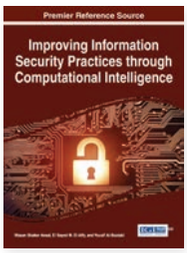

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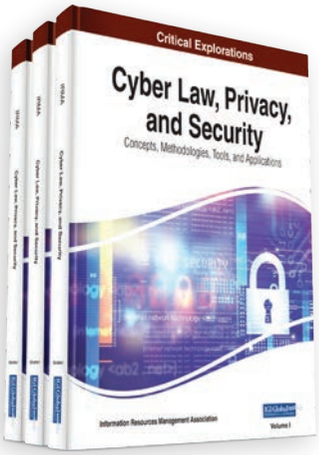
The internet is established in most households worldwide and used for entertainment purposes, shopping, social networking, business activities, banking, telemedicine, and more. As more individuals and businesses use this essential tool to connect with each other and consumers, more private data is exposed to criminals ready to exploit it for their gain.

Research Anthology on Cyber Law, Privacy, and Security: Concepts, Methodologies, Tools, and Applications examines current internet and data protection laws and their impact on user experience and cybercrime, and explores the need for further policies that protect user identities, data, and privacy. It also offers the latest methodologies and applications in the areas of digital security and threats. This multi-volume book is ideally designed for IT specialists, administrators, policymakers, researchers, academicians, and upper-level students.



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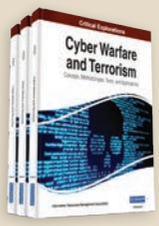

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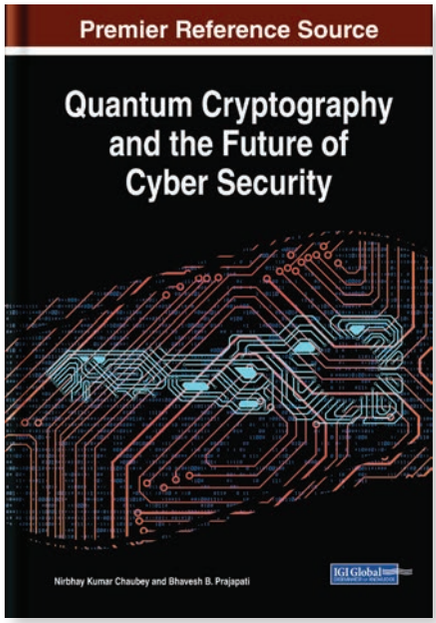

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Description:

The shortcomings of modern cryptography and its weaknesses against computers that are becoming more powerful necessitate serious consideration of more robust security options. Quantum cryptography is sound, and its practical implementations are becoming more mature. Many applications can use quantum cryptography as a backbone, including key distribution, secure direct communications, large prime factorization, e-commerce, e-governance, quantum internet, and more. For this reason, quantum cryptography is gaining interest and importance among computer and security professionals.

Quantum Cryptography and the Future of Cyber Security is an essential scholarly resource that provides the latest research and advancements in cryptography and cyber security through quantum applications. Highlighting a wide range of topics such as e-commerce, machine learning, and privacy, this book is ideal for security analysts, systems engineers, software security engineers, data scientists, vulnerability analysts, professionals, academicians, researchers, security professionals, policymakers, and students.

Topics Covered:

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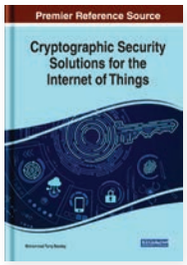

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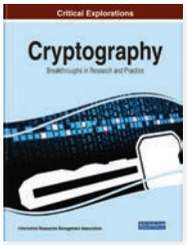

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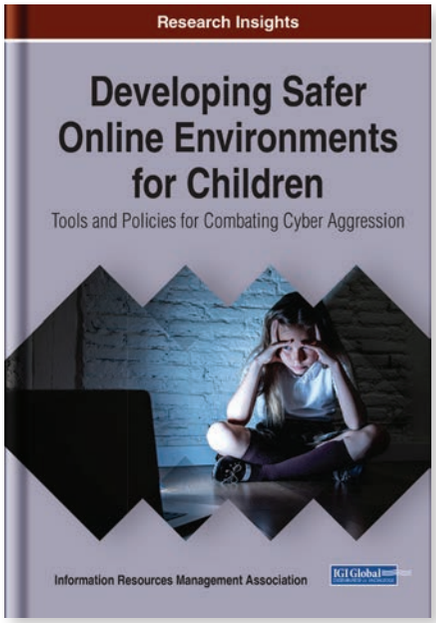
为儿童开发更安全的在线环境：打击网络攻击行为的工具与政策

Mehdi Khosrow-Pour, D.B.A.



Description:

As the digital world assumes an ever-increasing role in the daily lives of the public, opportunities to engage in crimes increase as well. The prevention of cyber aggression is an ongoing challenge due to its multifaceted nature and the difficulties in realizing effective interventions. The consequences of cyber aggression can range from emotional and psychological distress to death by suicide or homicide. Enduring prevention programs need to be defined and take into consideration that the digital revolution changes the way and the meaning of interpersonal relationships.

Developing Safer Online Environments for Children: Tools and Policies for Combatting Cyber Aggression explores the effects of cyberbullying and cyberstalking on children and examines solutions that can identify and prevent online harassment through both policy and legislation reform and technological tools. Highlighting a range of topics such as cyberbullying, fake profile identification, and victimization, this publication is an ideal reference source for policymakers, educators, principals, school counsellors, therapists, government officials, politicians, lawmakers, academicians, administrators, and researchers.

Topics Covered:

- Anti-Bullying Policies
- Bystanders
- Cyberbullying
- Cyberstalking
- Digital Privacy
- Fake Profile Identification
- Legislation
- Online Behavior
- Policy Reform
- Psycho-Social Variables
- Social Exclusion
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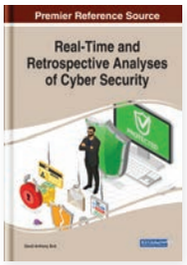

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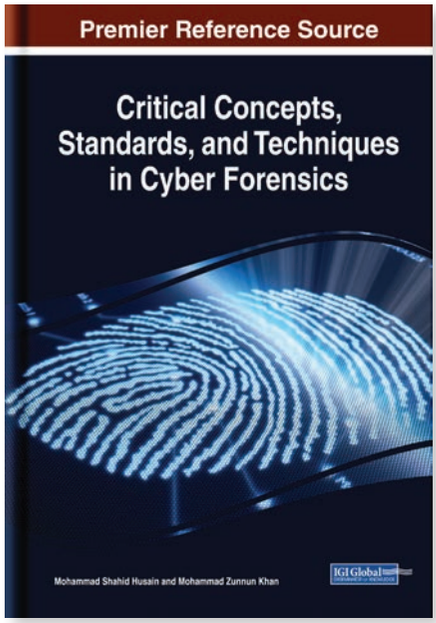

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Description:

Advancing technologies, especially computer technologies, have necessitated the creation of a comprehensive investigation and collection methodology for digital and online evidence. The goal of cyber forensics is to perform a structured investigation while maintaining a documented chain of evidence to find out exactly what happened on a computing device or on a network and who was responsible for it.

Critical Concepts, Standards, and Techniques in Cyber Forensics is a critical research book that focuses on providing in-depth knowledge about online forensic practices and methods. Highlighting a range of topics such as data mining, digital evidence, and fraud investigation, this book is ideal for security analysts, IT specialists, software engineers, researchers, security professionals, criminal science professionals, policymakers, academicians, and students.

Topics Covered:

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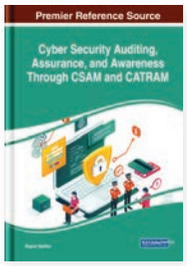

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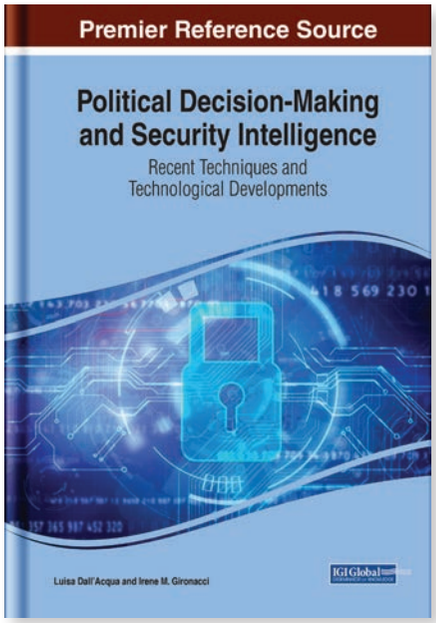

Description:

The enormous spread of devices gives access to virtual networks and to cyberspace areas where continuous flows of data and information are exchanged, increasing the risk of information warfare, cyber-espionage, cybercrime, and identity hacking. The number of individuals and companies that suffer data breaches has increased vertically with serious reputational and economic damage internationally. Thus, the protection of personal data and intellectual property has become a priority for many governments.

Political Decision-Making and Security Intelligence: Recent Techniques and Technological Developments is an essential scholarly publication that aims to explore perspectives and approaches to intelligence analysis and performance and combines theoretical underpinnings with practical relevance in order to sensitize insights into training activities to manage uncertainty and risks in the decision-making process. Featuring a range of topics such as crisis management, policy making, and risk analysis, this book is ideal for managers, analysts, politicians, IT specialists, data scientists, policymakers, government officials, researchers, academicians, professionals, and security experts.

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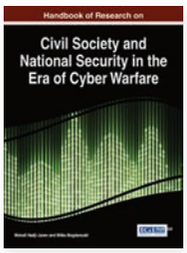

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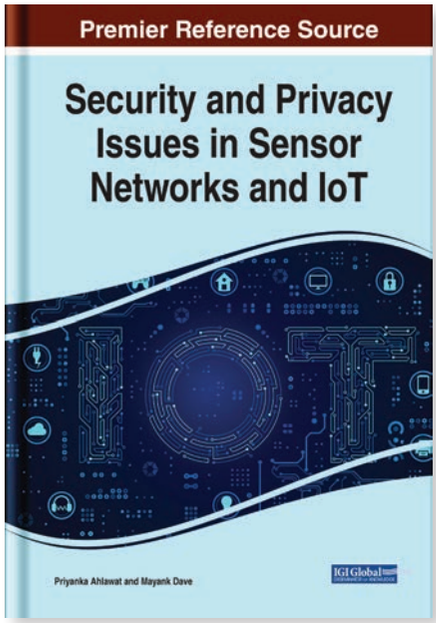

传感器网络与物联网的安全及隐私问题

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Profs. Priyanka Ahlawat (National Institute of Technology, Kurukshetra, India) and Mayank Dave (National Institute of Technology, Kurukshetra, India)

Description:

As technology continues to expand and develop, the internet of things (IoT) is playing a progressive role in the infrastructure of electronics. The increasing amount of IoT devices, however, has led to the emergence of significant privacy and security challenges.

Security and Privacy Issues in Sensor Networks and IoT is a collection of innovative research on the methods and applications of protection disputes in the internet of things and other computing structures. While highlighting topics that include cyber defense, digital forensics, and intrusion detection, this book is ideally designed for security analysts, IT specialists, software developers, computer engineers, industry professionals, academicians, students, and researchers seeking current research on defense concerns in cyber physical systems.

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Pages: 323

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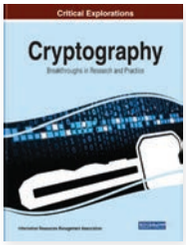

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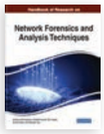

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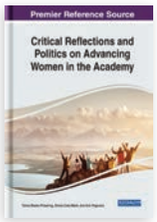

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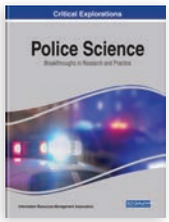

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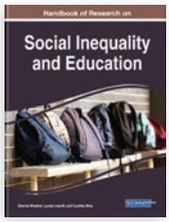

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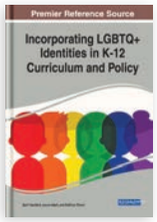

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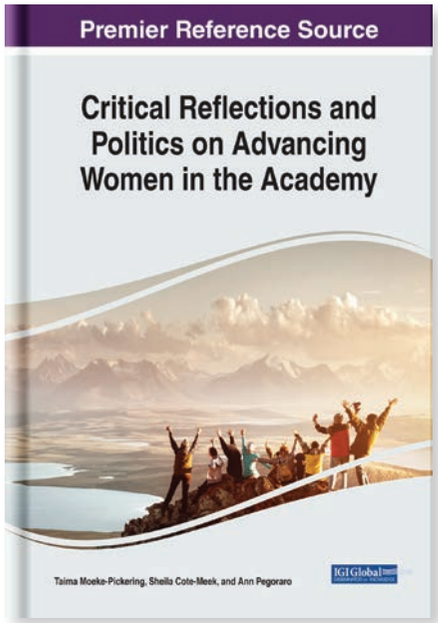

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Description:

Women in the Academy are raising issues of pay parity, equal representation on committees, increased leadership positions, stories of resilience, and mentorship espousing changes at all levels including teaching, research, and administration. These strategies demand interrogation, and larger questions are being asked about the place of women empowerment worldviews in the dominant intellectual traditions of the Academy. Further, the trend to make changes requires an exploration of new transformational approaches that draw on critical theory to resist discrimination, sexism, and racism and support resistance and sustainable empowerment strategies.

Critical Reflections and Politics on Advancing Women in the Academy is a critical scholarly publication that seeks to make the Academy responsive and inclusive for women advancement and sustainable empowerment strategies by broadening the understanding of why women in the Academy are overlooked in leadership positions, why there is a pay parity deficit, and what is being done to change the situation. Featuring a wide range of topics such as mentorship, curriculum design, and equality, this book is ideal for policymakers, academicians, deans, provosts, chancellors, administrators, researchers, and students.

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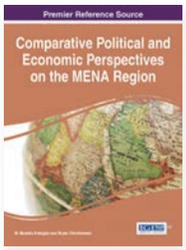

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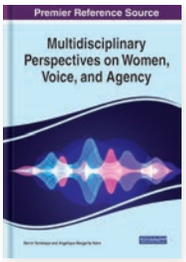

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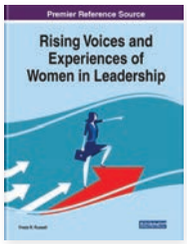

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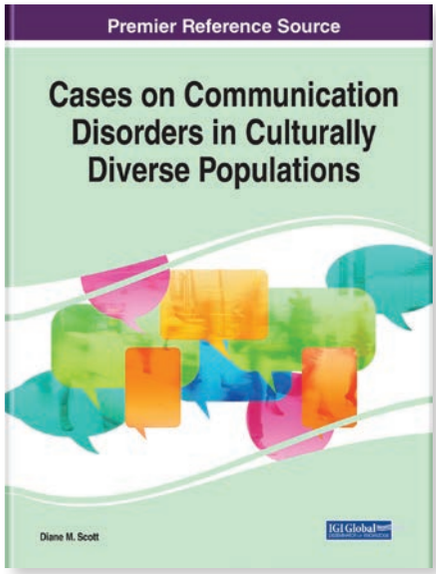

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Communication disorders are impairments in the ability to receive, send, process, and comprehend hearing, language, and/or speech. While the number of culturally diverse populations is growing in the United States, speech-language pathologists and audiologists lack information on serving these culturally diverse populations appropriately and effectively.

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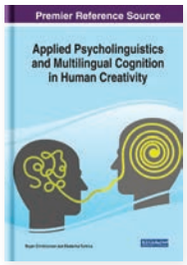

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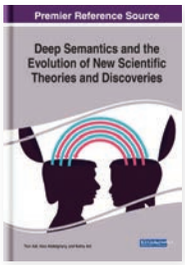

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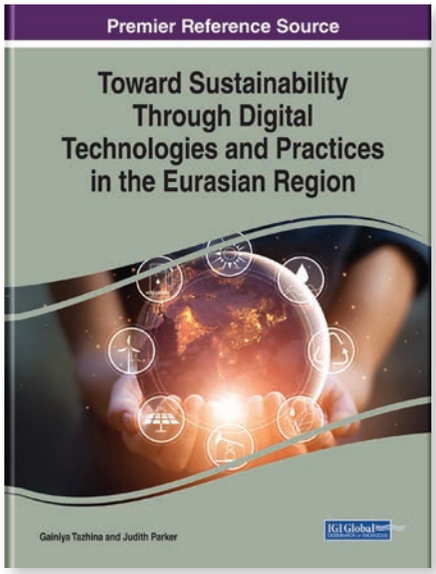

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In today's modernized world, implementing technology into the infrastructures of communities has become a common custom. The idea of digital economy has proven to be an efficient, dynamic, and highly adaptable mode of performance, and regions across the globe have begun applying these digital approaches to their populated foundation. One region of the world that has recently begun using modern technologies is Eurasia. As they continue their technological transition from "theory" to "practice," significant research is needed on the emergence of sustainability in these countries.

Toward Sustainability Through Digital Technologies and Practices in the Eurasian Region is a pivotal reference source that provides vital research on the implementation of digital initiatives within Eurasian countries and their social and economic principles. While highlighting topics such as educational technologies, mobile applications, and sustainable business, this publication explores the cultural aspects and social interaction of digital applications within this region of the world. This book is ideally designed for economists, IT professionals, educators, researchers, social scientists, policymakers, academicians, and students.

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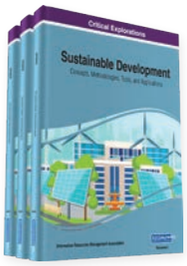

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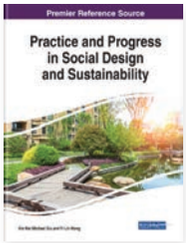

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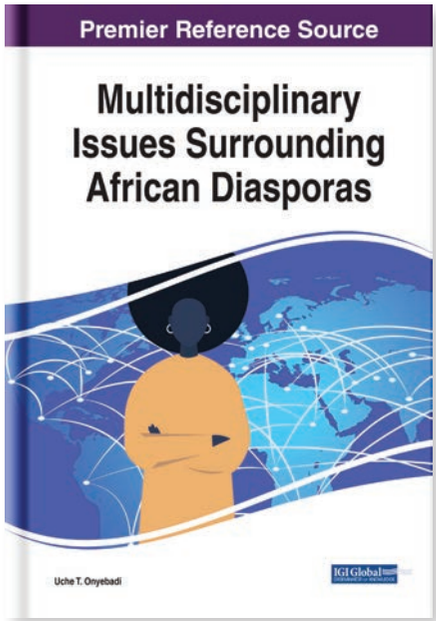

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Multidisciplinary Issues Surrounding African Diasporas is a pivotal reference source that explores the philosophical and epistemological issues regarding the African diaspora identity and navigates these individuals' opportunities for professional and academic growth. Featuring coverage on a wide range of topics such as higher education, cultural engagement, and xenophobia, this publication is ideally designed for sociologists, anthropologists, humanities scholars, political scientists, cultural studies academicians, university board members, researchers, and students.

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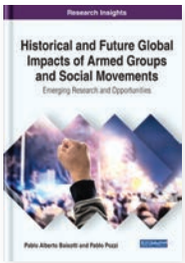

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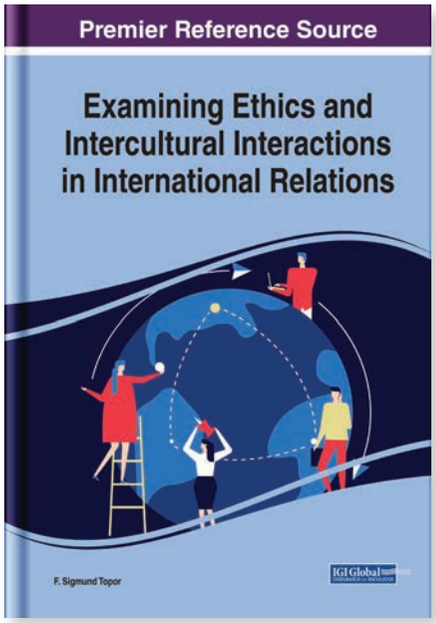

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The need for intercultural communication and understanding has never been greater. The unstoppable confluence of technology continues to unsympathetically disrupt, distort, and exert consequential changes to nation states and to the breadth, depth, and scope of sociocultural institutions. Such changes have foregrounded the need to understand and relate to the diverse ethical underpinnings that account for distinctive cultural norms where global or universal collaborations are desired. Success in the convergence of cultures in a globalized world would be impossible in the absence of a standardized terms of reference, which guarantees international understanding and facilitates peace and progress the world over.

Examining Ethics and Intercultural Interactions in International Relations is an integral scholarly publication that facilitates international collaboration through intercultural communication and exchange of data, ideas, and information on a broad range of topics, including ethics in academics, business, medicine, government, and leadership. The overarching object of this book is the improvement of a peaceful, harmonious, and just world for all its inhabitants, such that further progress in all endeavors is assured. Highlighting a wide range of topics such as business ethics, early childhood education, and sociology, this book is essential for academicians, policymakers, professionals, educational administrators, researchers, and students, as well as those working in fields where ethics and human relationships are required such as education, public and private administration or management, medicine, sociology, and religion.

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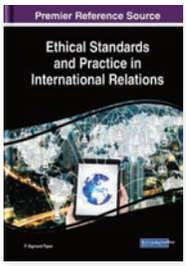

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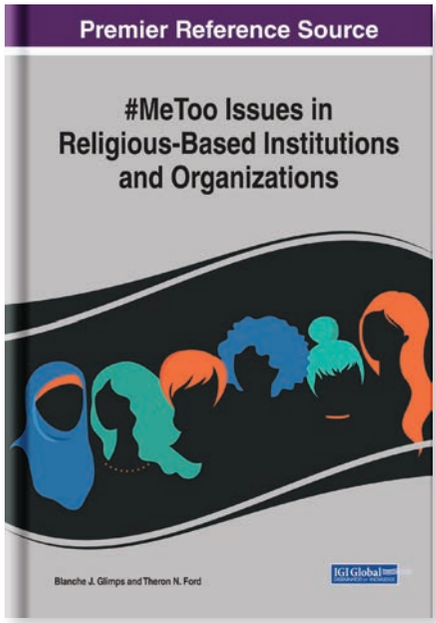

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Description:

Currently, the nation's attention is concentrated on the long-standing sexual misdeeds conducted by prominent political, sports, and entertainment figures, which has been succinctly captured by the "#Me Too" movement. This movement has spread to call into question the actions of leaders in religious institutions and organizations, providing the context for research that examines the experiences of individuals and groups as they engage in their daily activities within these establishments.

#MeToo Issues in Religious-Based Institutions and Organizations is an essential research book that provides comprehensive research into the effects of the #MeToo movement on institutions and organizations with a significant religious basis and reveals challenges and issues of welcoming gender and diversity. Readers will gain insights and tools for improving social conditions in their personal lives, in places of worship, in organizations, and in academic or other institutional environments. Highlighting a range of topics including diversity, gender equality, and Abrahamic religions, this book is ideal for religious officials, church leaders, psychologists, sociologists, professionals, researchers, academicians, and students.

Topics Covered:

- #MeToo
- Abrahamic Religions
- Christian Culture
- Diversity
- Female Voice
- Gender Equality
- Masculinity
- Religious Institutions
- White Privilege
- Women of Color

"This publication ***advances the discussion*** *of the #MeToo movement by focusing on religious institutions and organizations. Moreover, it* ***broadens the scope*** *because the book looks beyond the Catholic church and takes an international perspective."*

- Prof. Blanche J. Glimps (Tennessee State University, USA) and Prof. Theron N. Ford (Independent Scholar, USA)

关于本书编辑:

Blanche Jackson Glimps is a professor in the Department of Teaching and Learning at Tennessee State University. She has been an educator for many years with her first teaching position with Detroit Public Schools as a third-grade teacher and later as a special educator. Upon completion of her doctoral degree, at The University of Michigan, Dr. Glimps has been a faculty member or an administrator at a variety of higher education institutions. She has taught courses at public and private institutions of higher education including Christian colleges. She has taught undergraduate and graduate courses such as university studies, introduction to teaching, introduction to special education, and a range of graduate level courses in special education or curriculum and instruction. Her first love is researching, presenting, and publishing on issues that impact the lives of children, youth, and families from historically underrepresented groups. She has authored, or coauthored, many journal articles and book chapters on issues related to diversity. She is the coauthor, with Dr. Theron Ford, of the book Gender and Diversity Issues in Religious-based Institutions and Organizations which was published by IGI in 2016. Dr. Glimps' inspiration, determination, resilience, and persistence comes from growing up in a very large two parent family who lived in a low-income community. She enjoys exploring the world, and examining global topics, through books.

Theron Ford is a newly retired Associate Professor who appreciated the time she has had to reconnect with old friends, and to cultivate new ones, both domestically and internationally. With the luxury of time on her hands she is continuing to focus on social issues that have shaped her professional agenda--public education, racism in education, the intersection of gender and racism as well as utilizing effective strategies to counter the rise of white supremacy nationally and worldwide. Dr. Ford continues to live in her home state but looks forward to wintering in Jamaica each year. She derives a major sense of accomplishment from actively mentoring anyone who seeks to gain knowledge.

本书章节示例:

Chapter 1: Silenced, Shamed, and Scatted: Black Feminist Perspective on Sexual Trauma and Treatment With African American Female Survivors Prof. V. Nikki Jones, Middle Tennessee State University, USA Prof. Donna M. Dopwell, Middle Tennessee State University, USA Prof. Lauren C. Curry, Black Lesbian Literary Collective, USA	**Chapter 2: The Promise for African American Male Students in Graduate Studies and Professional Development at Marygrove College** Prof. Chukwunyere E. Okezie, Marygrove College, USA Prof. Judy Alhamisi, Marygrove College (Retired), USA Prof. Blanche J. Glimps, Tennessee State University, USA
Chapter 4: Queering the Marianist Charism: Narratives Offer Insights for Change Prof. R. Darden Bradshaw, University of Dayton, USA	**Chapter 6: "Prayers That Preyed": Critical Reflections on Robert Martin Gumbura's Church Saga in Zimbabwe** Prof. Fortune Sibanda, Great Zimbabwe University, Zimbabwe Prof. Bernard Pindukai Humbe, Great Zimbabwe University, Zimbabwe
Chapter 8: Body Image and Emotional Well Being Among Gay and Heterosexual Religious Young Men: Modern Orthodox and Ultra-Orthodox Jews Prof. Shraga Fisherman, Shaanan College, Israel	**Chapter 10: The Sexual Abuse of African Nuns: No Sanctuary for African Women in the Sisterhood** Prof. Theron N. Ford, Independent Scholar, USA Prof. Blanche J. Glimps, Tennessee State University, USA

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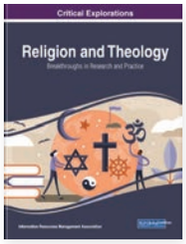

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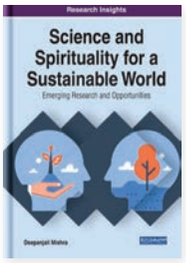

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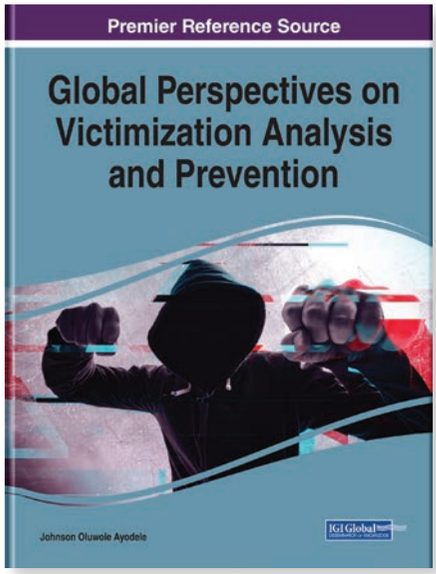

关于受害的分析与预防：全球性剖析

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Prof. Johnson Oluwole Ayodele (Lagos State University, Nigeria)

Description:

Over the past two decades, both developed and developing countries have experienced major individual and collective tragic victimizations leading to major structural and systemic transformations as a consequence of the influence of organized crime and international terrorism. These trends, many of which, as noted earlier, are global in spread and have catastrophic outcomes, revolve around some categories of political diplomacy and unsatisfactory reform responses to spiraling discontent among motivated youths.

Global Perspectives on Victimization Analysis and Prevention is an essential research book that provides comprehensive research on postmodern crime prevention and control strategies as well as potential transformations that could be seen in victimology. It offers resources to understand and analyze the main issues, relevant framework, and contextual intricacies within which public safety agendas are articulated and implemented across the globe. Highlighting a wide range of topics such as public safety, crime prevention, and terrorism, this book is essential for criminologists, law enforcement, victim advocates, criminal profilers, crime analysts, academicians, policymakers, researchers, security planners, NGOs, government officials, and students.

ISBN: 9781799811121
Release Date: November, 2019
Copyright: 2020
Pages: 272

Pricing:

Hardcover: US $195.00
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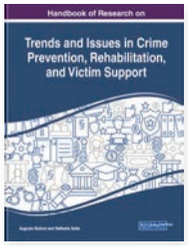
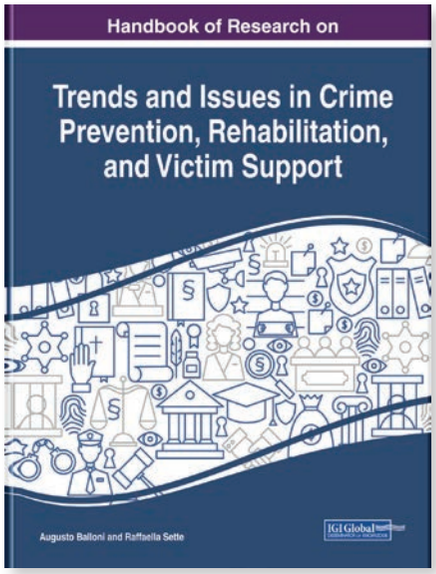


Handbook of Research on Trends and Issues in Crime Prevention, Rehabilitation, and Victim Support
© 2020; 553 pp.

预防犯罪、康复与受害者援助相关趋势与问题研究手册

Profs. Augusto Balloni (Italian Society of Victimology, Italy) and Raffaella Sette (University of Bologna, Italy)



Description:

A complex and vulnerable contemporary society continually poses new challenges in terms of social conflict, and as crime advances, so must strategies for prevention and rehabilitation. Many facets of crime prevention and rehabilitation of offenders are public activities closely linked to other aspects of the political and social life of a region.

The **Handbook of Research on Trends and Issues in Crime Prevention, Rehabilitation, and Victim Support** is a scholarly publication that examines existing knowledge on crime dynamics and the implementation of crime victims' rights. Highlighting a wide array of topics such as cyberbullying, predatory crimes, and psychological violence, this book is ideal for criminologists, forensic psychologists, psychiatrists, victim advocates, law enforcement, criminal profilers, crime analysts, therapists, rehabilitation specialists, psychologists, correctional facilities, wardens, government officials, policymakers, academicians, researchers, and students.

Topics Covered:

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- Cyberbullying
- Medical Liability
- Organized Crime
- Predatory Crimes
- Psychological Violence
- Rehabilitation
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- Urban Security Policies
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ISBN: 9781799812869
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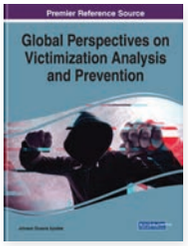

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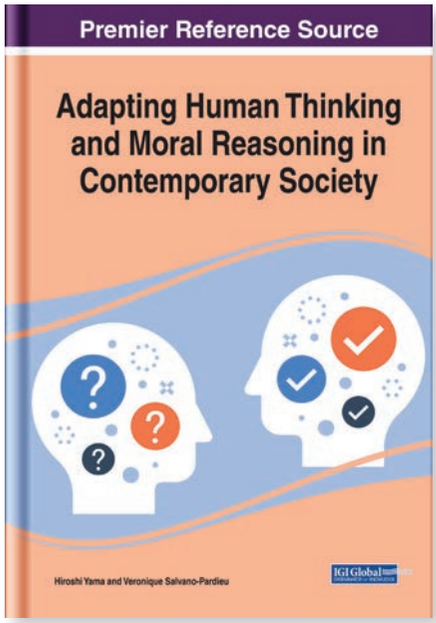

适应当代社会的人类思维与道德理性

Part of the Advances in Religious and Cultural Studies Book Series

Profs. Hiroshi Yama (Osaka City University, Japan) and Veronique Salvano-Pardieu (University of Tours, France)

Description:

Studies on human thinking have focused on how humans solve a problem and have discussed how human thinking can be rational. A juxtaposition between psychology and sociology allows for a unique perspective of the influence on human thought and morality on society.

Adapting Human Thinking and Moral Reasoning in Contemporary Society is an in-depth critical resource that provides comprehensive research on thinking and morality and its influence on societal norms as well as how people adapt themselves to the novel circumstances and phenomena that characterize the contemporary world, including low birthrate, the reduction of violence, and globalization. Furthermore, cultural differences are considered with research targeted towards problems specific to a culture. Featuring a wide range of topics such as logic education, cognition, and knowledge management systems, this book is ideal for academicians, sociologists, researchers, social scientists, psychologists, and students.

ISBN: 9781799818113
Release Date: November, 2019
Copyright: 2020
Pages: 330

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Hardcover: US $175.00
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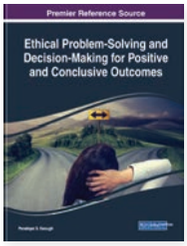

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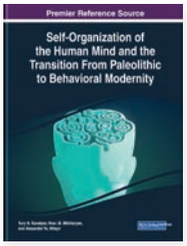

Self-Organization of the Human Mind and the Transition From Paleolithic to Behavioral Modernity
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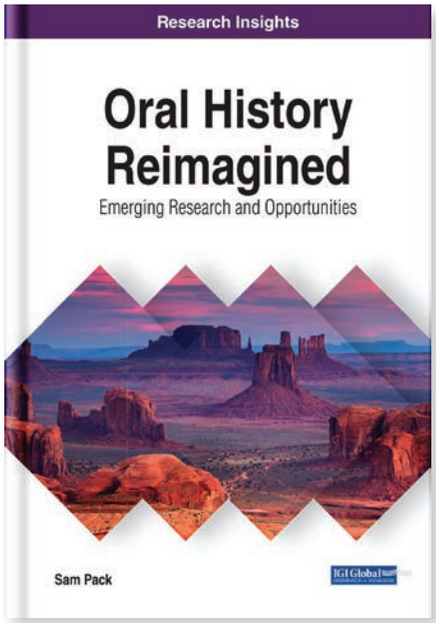

Description:

The traditional method of composing the life history as a flowing narrative is not only morally dishonest but also intellectually inadequate because it conveys the false impression of a chronologically timeless and uninterrupted soliloquy. They are highly processed, constructed, and reified. Questions have been removed, entire sections have been reordered, and redundancies have been deleted. After the multiple stages involved in transforming a narrative life into an inscribed text, the final product bears little resemblance to the original transcription of the interview. By focusing only on the final product, life histories ignore the other two components in the communicative process.

Oral History Reimagined: Emerging Research and Opportunities demonstrates the potential of the life history to serve as a new way of writing vulnerably about the "other" by refusing to hide the authors by sharing equal billing in a dialogic encounter with their informants in order to produce an ethnographic narrative that is multivocal, conversational, and co-constructed. The book examines the idea that a reflexive ethnography in the form of a reciprocal exchange between researchers and informants constitutes the logical extension of reflexivity in anthropological research. The book's ultimate goal is a balance that dissolves the distinction between the ethnographer as theorizing being and the informant as passive data, that reduces the gap between subject and object, and that presents both ethnographer and informant as having active voices.

ISBN: 9781799834205
Release Date: March, 2020
Copyright: 2020
Pages: 392

Pricing:

Hardcover: US $145.00
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E-Book: US $145.00

Topics Covered:

- Autoethnography
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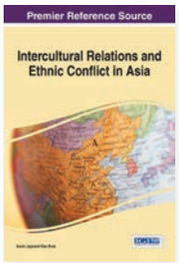

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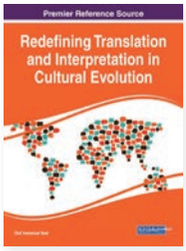

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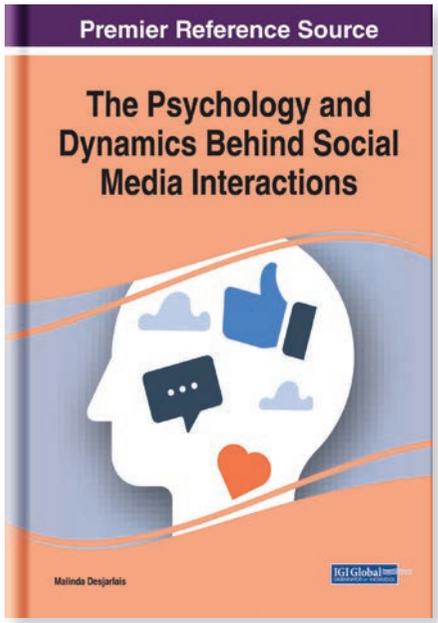

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Release Date: July, 2019
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社交媒体互动背后的心理学与动力学

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Prof. Malinda Desjarlais (Mount Royal University, Canada)

Description:

Adolescents and young adults are the main users of social media. This has sparked interest among researchers regarding the effects of social media on normative development. There exists a need for an edited collection that will provide readers with both breadth and depth on the impacts of social media on normative development and social media as an amplifier of positive and negative behaviors.

The Psychology and Dynamics Behind Social Media Interactions is an essential reference book that focuses on current social media research and provides insight into the benefits and detriments of social media through the lens of psychological theories. It enhances the understanding of current research regarding the antecedents to social media use and problematic use, effects of use for identity formation, mental and physical health, and relationships (friendships and romantic and family relationships) in addition to implications for education and support groups. Intended to aid in collaborative research opportunities, this book is ideal for clinicians, educators, researchers, councilors, psychologists, and social workers.

Topics Covered:

- Cognition
- Depression
- Digital Altruism
- Mental Health
- Online Behavior
- Physical Health
- Self-Concept
- Social Media
- Social Media Addiction
- Support Groups
- Technology Addiction

"This edited book is appropriate for instructors to use as a resource or textbook in the classroom when teaching courses related to the psychology of social media; researchers as a guide to further research regarding social media; and the public (e.g., parents and social media users themselves) who are interested in understanding what the current research suggests regarding social media research, which they can use to evaluate their own and their children's social media use. As there is rising popularity in the media surrounding the concerns associated with social media, it is important to provide ***a comprehensive picture of social media*** *so that we are able to critique social media use based on research evidence."*

- Prof. Malinda Desjarlais (Mount Royal University, Canada)

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Chapter 1: Online Self-Disclosure: Opportunities for Enriching Existing Friendships Prof. Malinda Desjarlais, Mount Royal University, Canada	**Chapter 3: Online Social Networking and Romantic Relationships** Prof. Irem Metin-Orta, Atilim University, Turkey
Chapter 4: Digital Social Media in Adolescents' Negotiating Real Virtual Romantic Relationships Prof. Catherine Ann Cameron, University of British Columbia, Canada Prof. Arantxa Mascarenas, University of British Columbia, Canada	**Chapter 6: How Do Social Media Impact Interpersonal Communication Competence? A Uses and Gratifications Approach** Prof. Erin E. Hollenbaugh, Kent State University at Stark, USA Prof. Amber L. Ferris, The University of Akron, USA Prof. Daniel J. Casey, University of Wisconsin – Stevens Point, USA
Chapter 9: Addicting Content, Blue Light, and Curtailed Sleep: The ABCs of Social Media Use and Sleep Prof. Joanna C. Yau, University of California – Irvine, USA Prof. Branda T. Sun, University of California – Irvine, USA Prof. Jason D. Moreno, University of California – Irvine, USA	**Chapter 11: Facebook, Social Comparison, and Subjective Well-Being: An Examination of the Interaction Between Active and Passive Facebook Use on Subjective Well-Being** Prof. Jessica J. Joseph, Mount Royal University, Canada
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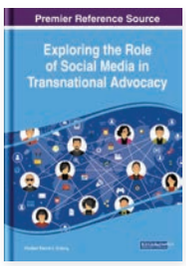

Exploring the Role of Social Media in Transnational Advocacy
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Managing Screen Time in an Online Society
© 2019; 393 pp.

Multigenerational Online Behavior and Media Use: Concepts, Methodologies, Tools, and Applications (3 Volumes)
© 2019; 1,765 pp.

整合组织中的多样性、公平性和包容性计划的挑战

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Aaron J. Griffen (DSST Public Schools, USA)

ISBN: 9781799840930
Release Date: October, 2020
Copyright: 2021
Pages: 300

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Description:

Throughout the past several years, diversity, equity, and inclusion initiatives have been a part of a growing phenomenon to address the diverse needs of organizations. However, the act of diversity training and implementation in programs has traditionally been reactive as a result of a scandal rather than proactive. As more industries see the benefits of diversity, equity, and inclusion training, we will continue to see the benefits of a sustainable, healthy working environment for all.

Challenges to Integrating Diversity, Equity, and Inclusion Programs in Organizations is an essential reference source that shares the challenges and opportunities faced by diversity, equity, and inclusion officers who are leading their organizations to becoming more diverse, equitable, and inclusive working environments. Featuring research on topics such as institutional equity, organizational culture, and diverse workplace, this book is ideally designed for administrators, human resource specialists, researchers, business professionals, academicians, and students, as well as organizations looking to make the intentional shifts necessary to develop and foster a more inclusive working and learning environment.

Topics Covered:

- Cultural Intelligence
- Diverse Workplace
- Gender Bias
- Higher Education
- Institutional Equity
- K-12 Education
- Organizational Culture
- Racial Diversity
- Sustainable Workforce
- Workplace Environment

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Gender and Diversity: Concepts, Methodologies, Tools, and Applications (4 Vols.)
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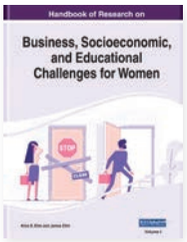

Handbook of Research on Business, Socioeconomic, and Educational Challenges for Women
© 2021; 400 pp.

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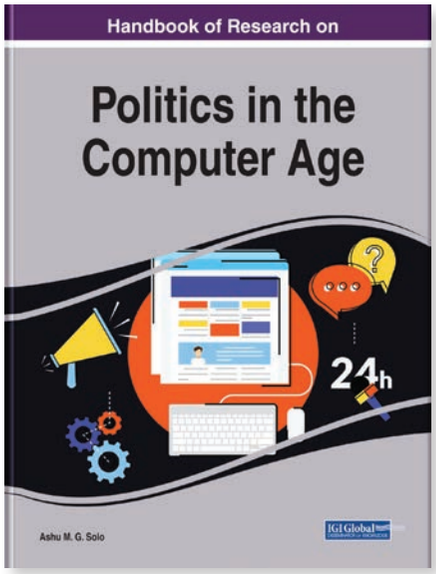

Description:

Technology and particularly the Internet have caused many changes in the realm of politics. Aspects of engineering, computer science, mathematics, or natural science can be applied to politics. Politicians and candidates use their own websites and social network profiles to get their message out. Revolutions in many countries in the Middle East and North Africa have started in large part due to social networking websites such as Facebook and Twitter. Social networking has also played a role in protests and riots in numerous countries. The mainstream media no longer has a monopoly on political commentary as anybody can set up a blog or post a video online. Now, political activists can network together online.

The **Handbook of Research on Politics in the Computer Age** is a pivotal reference source that serves to increase the understanding of methods for politics in the computer age, the effectiveness of these methods, and tools for analyzing these methods. The book includes research chapters on different aspects of politics with information technology, engineering, computer science, or math, from 27 researchers at 20 universities and research organizations in Belgium, Brazil, Cape Verde, Egypt, Finland, France, Hungary, Italy, Mexico, Nigeria, Norway, Portugal, and the United States of America.

ISBN: 9781799803775
Release Date: August, 2019
Copyright: 2020
Pages: 436

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Case Studies
- Computational Politics
- Computational Public Policy
- Data Analytics in Campaigning
- Fake News
- Fuzzy Logic in Politics and Public Policy
- Online Activism
- Online Campaigning
- Online Political Communications
- Political Blogs, Vlogs, and Websites
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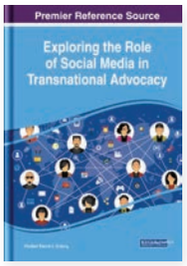

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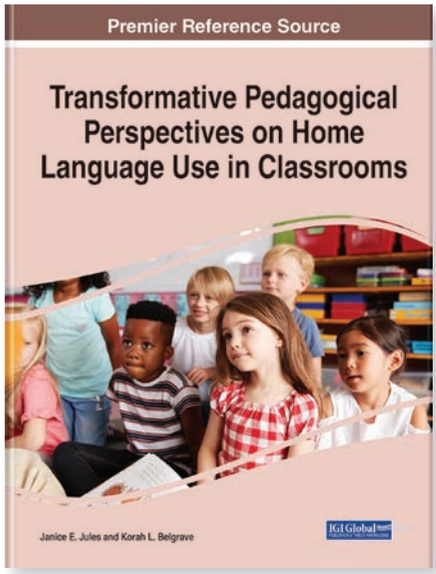

Transformative Pedagogical Perspectives on Home Language Use in Classrooms

Part of the Advances in Early Childhood and K-12 Education Book Series

Profs. Janice E. Jules (The University of the West Indies, Cave Hill Campus, Barbados) and Korah L. Belgrave (The University of the West Indies, Cave Hill Campus, Barbados)

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Description:

Linguists, researchers, and other practitioners in language education acknowledge that the resolution of language problems associated with breaking down language and cultural barriers that hinder the growth of learners' self-identities and national identities is ongoing. In fact, even with decades of research in home language use in the classroom, there are still classrooms worldwide where learners are deprived of the opportunity of building their self-esteem, confidence, and autonomy by communicating with their native language. The global nature of communication requires speakers to use all the languages in their repertoire effectively, thus reinforcing the need to encourage home language use in classrooms.

Transformative Pedagogical Perspectives on Home Language Use in Classrooms is a cutting-edge research publication on the effective use of home language in the classroom that emphasizes the significance of this activity to the success of the overall language development of the learner. Particular attention is given to transformative pedagogy and the provision of valuable insights into how the teacher can guide and assist learners in the development of critical thinking skills. In addition, the book provides content that enables practitioners in language education and parents to explore their roles in assisting children in breaking down the language and cultural barriers that hinder the growth of their self-identity and national identity.

Topics Covered:

- Bilingual/Multilingual Learners
- Cultural Responsiveness
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- Linguistics
- Preschool Policy
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- Transformative Pedagogy
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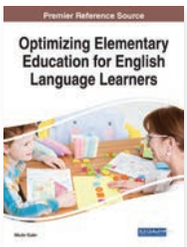

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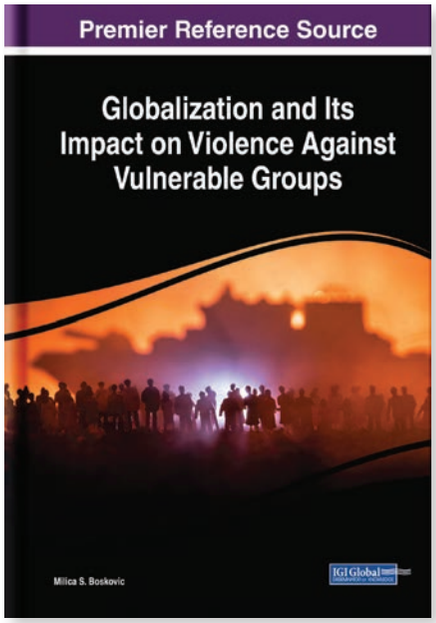
Prof. Milica S. Boskovic (College of Social Work, Serbia)



Description:

Violence is most common when there is a power disparity between two groups of people, and those with less power are far more likely to become the victim in a violent situation. Environment has as much influence on whether or not violence will occur as the person or people involved, and this relationship has drawn the attention of researchers worldwide.

Globalization and Its Impact on Violence Against Vulnerable Groups is an essential source that provides research that delves deeply into occurrences of violence and the environmental and personal influences that lead to violence in order to better understand and prevent it from happening. Featuring a wide range of topics such as e-blackmail, human displacement, and psychology, this book is ideal for criminologists, law enforcement, psychologists, therapists, academicians, sociologists, anthropologists, government officials, researchers, and students.

Topics Covered:

- Climate Change
- E-Blackmail
- Gender Violence
- Globalization
- Human Displacement
- Illegal Migration
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- Youth Conflicts

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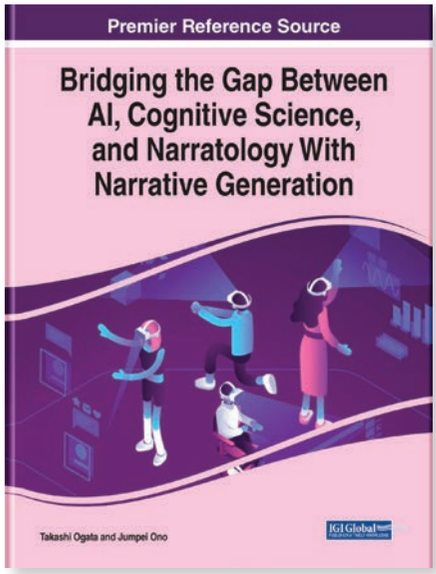

以叙事生成弥补人工智能、认知科学和叙事学之间的鸿沟

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Profs. Takashi Ogata (Iwate Prefectural University, Japan) and Jumpei Ono (Aomori University, Japan)

Description:

The use of cognitive science in creating stories, languages, visuals, and characters is known as narrative generation, and it has become a trending area of study. Applying artificial intelligence (AI) techniques to story development has caught the attention of professionals and researchers; however, few studies have inherited techniques used in previous literary methods and related research in social sciences. Implementing previous narratology theories to current narrative generation systems is a research area that remains unexplored.

Bridging the Gap Between AI, Cognitive Science, and Narratology With Narrative Generation is a collection of innovative research on the analysis of current practices in narrative generation systems by combining previous theories in narratology and literature with current methods of AI. The book bridges the gap between AI, cognitive science, and narratology with narrative generation in a broad sense, including other content generation, such as a novels, poems, movies, computer games, and advertisements. The book emphasizes that an important method for bridging the gap is based on designing and implementing computer programs using knowledge and methods of narratology and literary theories.

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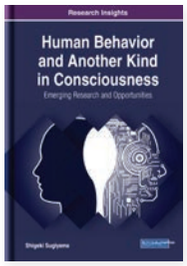

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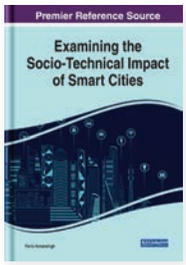

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展望发展中国家的ICT4D和社会经济增长机会

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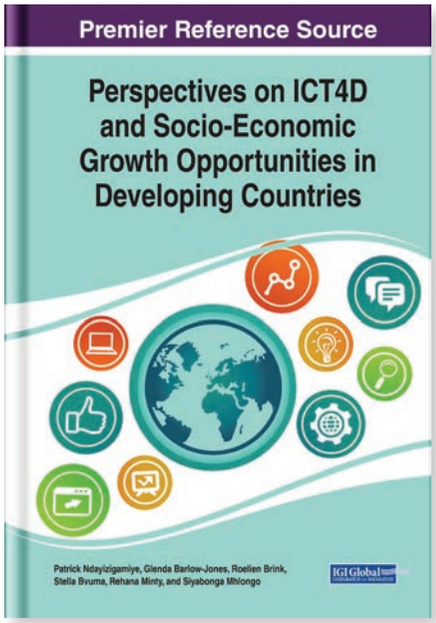
Prof. Patrick Ndayizigamiye (University of Johannesburg, South Africa), et al.



Description:

Technology has been hailed as one of the catalysts toward economic and human development. In the current economic era of the Fourth Industrial Revolution, information acquisition, transformation, and dissemination processes are posed to be the key enablers of development. However, in the context of developing countries, there is a need for more evidence on the impact that ICT has on addressing developmental issues. Such evidence is needed to make a case for investments in ICT-led interventions to improve people's lives in developing countries.

Perspectives on ICT4D and Socio-Economic Growth Opportunities in Developing Countries is a collection of innovative research on current trends that portray the ICT and development nexus (ICT4D) from economic and human development perspectives within developing countries. While highlighting topics including mobile money, poverty alleviation, and consumer behavior, this book is ideally designed for economists, government officials, policymakers, ICT specialists, business professionals, researchers, academicians, students, and entrepreneurs.

Topics Covered:

- Consumer Behavior
- Digital Advertising
- Digital Technology
- E-Commerce
- E-Health
- Economic Development
- Mobile Money
- Poverty Alleviation
- Small and Medium Enterprises
- Stakeholder Analysis

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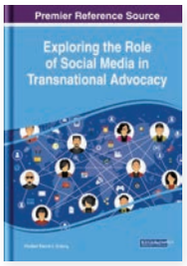

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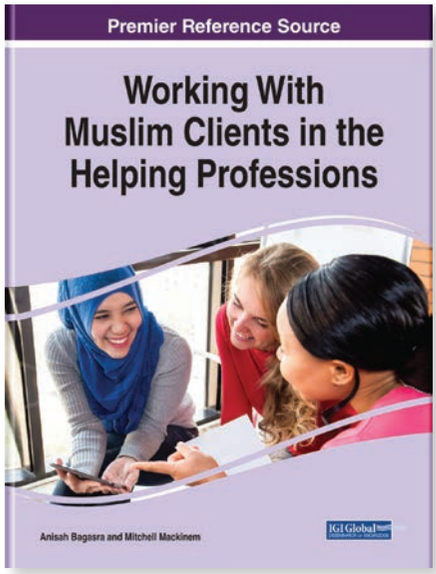

在辅助性专业与穆斯林客户合作

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Profs. Anisah Bagasra (Kennesaw State University, USA) and Mitchell Mackinem (Wingate University, USA)

Description:

Members of the Muslim community are a growing population in North America and Europe who go underserved due to challenges that they face when seeking to utilize services. In addition, providers of these services face challenges in understanding the unique needs required by communities with specific subsets of religious values. Cultural and religious beliefs, stigma, bias, and misunderstanding can all create barriers between helping professionals and their clients. It is essential to bridge the knowledge gap for these individuals in order to better and effectively serve these specific communities.

Working With Muslim Clients in the Helping Professions is a research publication that focuses on helping professionals in areas such as social work, human resources, counseling, nursing, and other related areas to understand pertinent issues that may impact their success when working with Muslim clients. Highlighting topics such as migration trauma, community health, and Islamophobia, this title addresses contemporary issues that impact the full and successful utilization of human services by Muslims living in non-Muslim majority countries. It is ideal for social workers, therapists, counsellors, human resource professionals, nurses, doctors, caregivers, medical professionals, mental health practitioners, life coaches, academicians, researchers, public health educators, and students.

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- Funeral Industry
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- Migration Trauma
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- Religiosity
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关于本书编辑：

Anisah Bagasra is an Assistant Professor of Psychology at Kennesaw State University who focuses on behavioral health research within ethnic and religious minority communities, with an interest in perceptions of mental illness and their influence on help-seeking behaviors. Dr. Bagasra previously designed a psychology major for Claflin University and oversaw the creation of online degree programs.

Mitchell Mackinem was an Associate Professor of Sociology at Wingate University. "Dr. Mack," as many students call him, came to Wingate with many years of "real world" experience. For twenty years, Dr. Mackinem worked in addictions treatment field. As an addictions counselor he worked in many settings both in the community and in correction settings. Between part-time and full-time teaching Dr. Mack has been teaching sociology courses for over 20 years. Mitchell Mackinem has published three books and several articles and book chapters. His most recent publications are a journal article with Dr. Anisah Bagasra, "Muslim American Views of Mental Health Issues: A Pilot Study" and several encyclopedia entries with Christopher B Mackinem in the Encyclopedia of Social Deviance edited by Craig J. Forsyth and Heith Copes. His research projects center on the nexus of crime, drugs, and deviance.

"This publication serves as a reference for health care providers, counselors, educators, nurses, social workers, and other service providers who want to provide ***culturally competent care*** *to Muslim clients. Combining* ***research and practical knowledge*** *of issues and concerns impacting members of the Muslim community, this book is* ***particularly relevant*** *for service providers in North America, Europe, and Australia/New Zealand who increasingly encounter immigrants, refugees, and second- or third-generation Muslims."*

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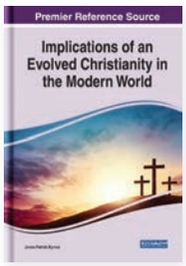

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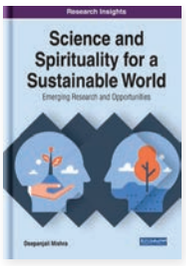

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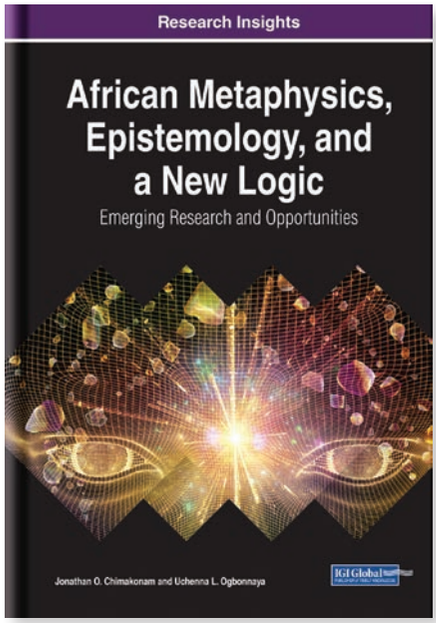

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非洲形而上学、认识论和新逻辑

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Profs. Jonathan O. Chimakonam (University of Pretoria, South Africa & Conversational School of Philosophy, Nigeria) and Uchenna L. Ogbonnaya (University of Pretoria, South Africa & Conversational School of Philosophy, Nigeria)

Description:

Decoloniality is an intellectual program aimed at rolling back the mechanisms of coloniality that made borders significant and, thus, weaponized them to the extent that physical borders translate to intellectual borders. Such borders created the false impression that philosophical insights cannot be gleaned from the African place and imposed Western philosophies in the curriculum of African universities instead. With the shift to reinstitute African philosophies in the classroom, it is imperative that African metaphysics and epistemology are discussed, as they are basic to other branches of African philosophy.

African Metaphysics, Epistemology, and a New Logic: Emerging Research and Opportunities is a critical research book on decoloniality in which conversational thinking and Ezumezu logic drive the process. It highlights and discusses philosophical insights that have been produced from the African place and critically and creatively engages the philosophical ideas and thoughts of some established African philosophers in keeping with the canons and themes of conversational thinking. The central idea is that African philosophy has come of age and that the various branches of this philosophy need to be developed on the bases of a home-grown method and suitable background logic in order to achieve decoloniality. Featuring a wide range of topics such as conversational thinking, ontology, and knowledge theory, this book is ideal for academicians, philosophers, conflict-resolution professionals, sociologists, researchers, and students.

Topics Covered:

- African Philosophy
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- Conversational Thinking
- Knowledge Theory
- Metaphysics
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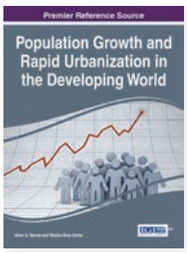

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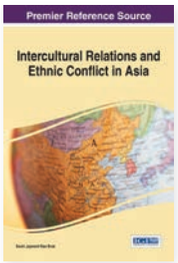

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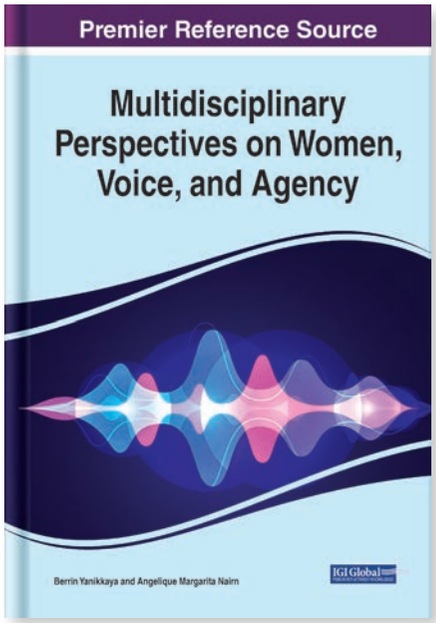

Description:

Across the world, it has remained a significant challenge for women to be heard within crucial components of society. Male domination has a vast history of restricting the visibility and voices of women in areas including economics and politics. In recent years, however, those longstanding barriers are beginning to crumble as feminism and women's rights have become vital areas of research. Understanding the importance of having a voice and its relation to the construction of women's empowerment, as well as existing limitations in global regions, is imperative.

Multidisciplinary Perspectives on Women, Voice, and Agency is a collection of innovative research on the examination of giving voice to women's issues in the contemporary world and their increasing impact within the various pillars of society. While highlighting topics including social change, digital activism, and inclusion, this book is ideally designed for researchers, activists, policymakers, practitioners, politicians, advocates, educators, and students seeking current research on women empowerment and the interpretation of women's voices throughout the globe.

Topics Covered:

- Digital Activism
- Distribution of Power
- Diversity
- Economic Forces
- Inclusion
- Political Impacts
- Public Speech
- Social Change
- Visibility
- Women's Rights

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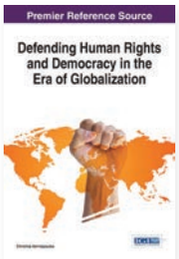

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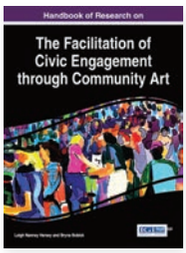

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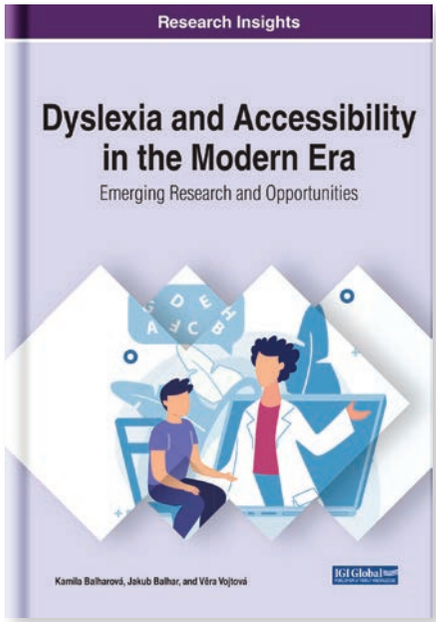

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Profs. Kamila Balharová (Pedagogical and Psychological Counseling Center, Brno, Czech Republic), Jakub Balhar (Gisat s.r.o., Czech Republic), and Věra Vojtová (Masaryk University, Czech Republic)

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While the written word is an important means of communication among people, the technological revolution has increased the demands on mental processes involved in the processing of written information, which endangers the quality of life of people who have reading difficulties and are not completely functionally literate. Educational technologies have vastly improved in past decades, especially in the realm of aiding individuals with development and learning disorders. With these learning technologies becoming more mainstream, individuals struggling to maintain a sense of normalcy in everyday life now have a chance to overcome various barriers.

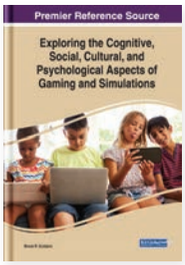
Dyslexia and Accessibility in the Modern Era: Emerging Research and Opportunities provides emerging research on a literacy portal that offers the virtual background for the support and strengthening of reading skills and for leading the user while using the internet. The book also creates a tool based on user feedback with instructions on how to adapt current tools to meet the accessibility requirements for people with dyslexia. Featuring coverage on a broad range of topics such as e-learning, lifelong learning, and neurodevelopment disabilities, this book is ideally designed for teachers, software developers, academics, researchers, students, and learning professionals.

Topics Covered:

- Academic Performance
- Assistive Technologies
- Developmental Disorders
- E-Learning
- Functional Literacy
- Knowledge Management
- Learning Disorders
- Lifelong Learning
- Literacy Analysis
- Neurodevelopment Disabilities

Related Books

Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth
© 2019; 372 pp.

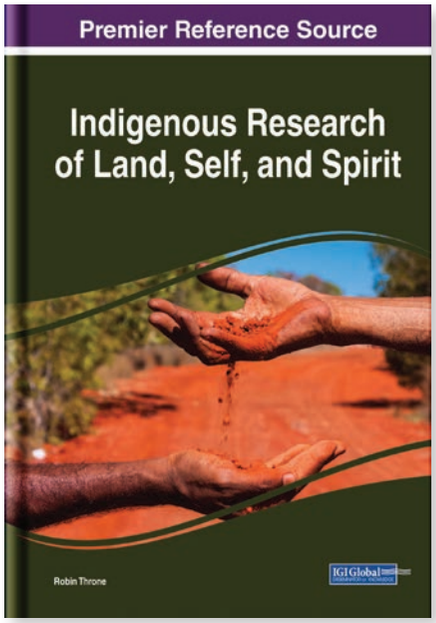


Exploring the Cognitive, Social, Cultural, and Psychological Aspects of Gaming and Simulations
© 2019; 333 pp.

土地、自我和精神的本土化研究

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Robin Throne (Northcentral University, USA)



Description:

Indigenous cultures meticulously protect and preserve their traditions. Those traditions often have deep connections to the homelands of indigenous peoples, thus forming strong relationships between culture, land, and communities. Autoethnography can help shed light on the nature and complexity of these relationships.

Indigenous Research of Land, Self, and Spirit is a collection of innovative research that focuses on the ties between indigenous cultures and the constructs of land as self and agency. It also covers critical intersectional, feminist, and heuristic inquiries across a variety of indigenous peoples. Highlighting a broad range of topics including environmental studies, land rights, and storytelling, this book is ideally designed for policymakers, academicians, students, and researchers in the fields of sociology, diversity, anthropology, environmentalism, and history.

Topics Covered:

- African Diaspora
- Arts-Based Research
- Autoethnography
- Environmental Studies
- Heirs' Property Challenges
- Indigenous Cultures
- Land Rights
- Landscape as Agency
- Native American Communities
- Storytelling
- Women's Studies

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Pages: 300

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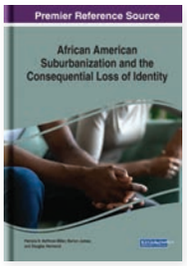

African American Suburbanization and the Consequential Loss of Identity
© 2019; 258 pp.

Global Perspectives on Human Migration, Asylum, and Security
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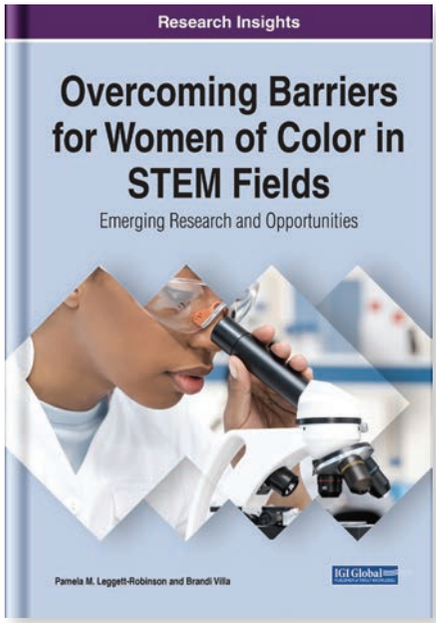

跨越STEM领域有色人种妇女的壁垒：新兴研究和机遇

Part of the Advances in Human and Social Aspects of Technology Book Series

Profs. Pamela M. Leggett-Robinson (PLR Consulting, USA) and Brandi Campbell Villa (Belay Consulting, USA)

ISBN: 9781799848585
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Copyright: 2020
Pages: 199

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Description:

Despite a plethora of initiatives, policies, and procedures to increase their representation in STEM, women of color still remain largely underrepresented. In the face of institutional and societal bias, it is important to understand the various methods women of color use to navigate the STEM landscape as well as the role of their personal and professional identities in overcoming the systemic (intentional or unintentional) barriers placed before them.

Overcoming Barriers for Women of Color in STEM Fields: Emerging Research and Opportunities is a collection of innovative research depicting the challenges of women of color professionals in STEM and identifying strategies used to overcome these barriers. The book examines the narrative of these difficulties through a reflective lens that also showcases how both the professional and personal lives of these women were changed in the process. Additionally, the text connects the process to the Butterfly Effect, a metamorphosis that brings about a dramatic change in character and perspective to those who go through it, which in the case of women of color is about rebirth, evolution, and renewal. While highlighting topics including critical race theory, institutional racism, and educational inequality, this book is ideally designed for administrators, researchers, students, and professionals working in the STEM fields.

Topics Covered:

- Career Development
- Critical Race Theory
- Education Inequality
- Gender Bias
- Higher Education
- Institutional Racism
- K-12 Education
- Racial Identity
- STEM Storytelling
- University Diversity

"The contributions from the authors are relevant because, despite a plethora of initiatives, policies, and procedures to increase their representation in STEM, ***women of color remain underrepresented*** *– their stories are overlooked, their voices silenced, and their transformations while navigating the landscape are rarely acknowledged or celebrated. Through a reflective lens, the narratives of these difficulties will be* ***unpacked, exposed, and examined****."*

- Prof. Pamela M. Leggett-Robinson (PLR Consulting, USA)

"I ***absolutely applaud these women*** *for sharing their STEM testimony (Storytelling), which will provide tools and tips for other women facing their own challenges. Overcoming career barriers is certainly a difficult process for anyone. However, the women celebrated in this* ***important book*** *provide a 'STEM career road map' to help you* ***walk in your purpose****."*

- Prof. Sibrina Collins (Marburger STEM Center, Lawrence Technological University, USA)

本书章节示例：

Chapter 2: An Assessment of School Segregation and Its Impact on STEM Education: New York City School Segregation Prof. Tyresa Rene Jackson, Teachers College, Columbia University, USA	**Chapter 3: Celebrating Transformations Through STEM Storytelling** Prof. Pamela M. Leggett-Robinson, PLR Consulting, USA
Chapter 4: Successful STEM Women of Color Must Network Differently Prof. Sherine O. Obare, University of North Carolina at Greensboro, USA & North Carolina A&T State University, USA	**Chapter 5: Navigating the STEM Professoriate as a Black Woman: Surviving but at What Cost?** Prof. Nichole L. Powell, Emory University, USA
Chapter 6: A Journey Worth Traveling: Mentoring and Role Models Matter Prof. Pamela E. Scott-Johnson, California State University, Los Angeles, USA Prof. Pamela M. Leggett-Robinson, PLR Consulting, USA	**Chapter 7: Rediscovering Our Original Selves: What Did We Leave Behind (and Pick Up) on the Journey to "Success"?** Prof. Christine Sharon Grant, North Carolina State University, USA

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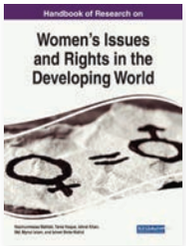
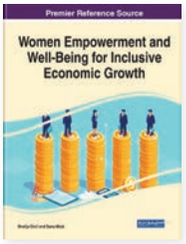


Handbook of Research on Women's Issues and Rights in the Developing World
© 2018; 452 pp.



Women Empowerment and Well-Being for Inclusive Economic Growth
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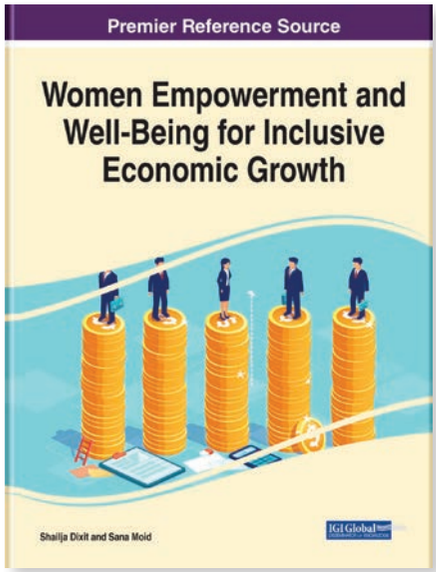

女性赋权和福利促进包容性经济增长

Part of the Advances in Religious and Cultural Studies Book Series

Profs. Shailja Dixit (Amity University, India) and Sana Moid (Amity University, India)

Description:

As women become more outspoken regarding their right to equal pay, it has been noted that gender equality, with women earning as much as men, would enrich the global economy. These studies have shown that equal pay, equal hours, and equal participation for women in the workforce could lead to a global wealth jump and potentially create knock-on benefits such as lower malnutrition and child mortality rates.

Women Empowerment and Well-Being for Inclusive Economic Growth is a collection of innovative research that makes the case for understanding development in economic terms as well as in terms of well-being, empowerment, and participation and uncovers the role of empowering women and achieving gender equality in sustainable development. Research work and cases related to participation of a women's labor force in the economic development of the country, the place of women in society, their contribution to the social development of their country, and the problems faced by them are key features in the book. While highlighting topics including gender inequality, self-worth, and industrial policy, this book is ideally designed for economic analysts, managers, policymakers, business professionals, government officials, entrepreneurs, and business students.

ISBN: 9781799837374
Release Date: November, 2020
Copyright: 2021
Pages: 300

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Topics Covered:

- Entrepreneurship
- Gender Economics
- Gender Inequality
- Global Business
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- Labor Market
- Mental Health
- Self-Worth
- Women in Business
- Work-Life Balance

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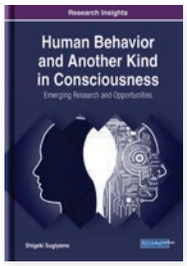

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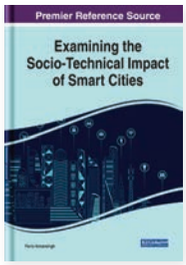

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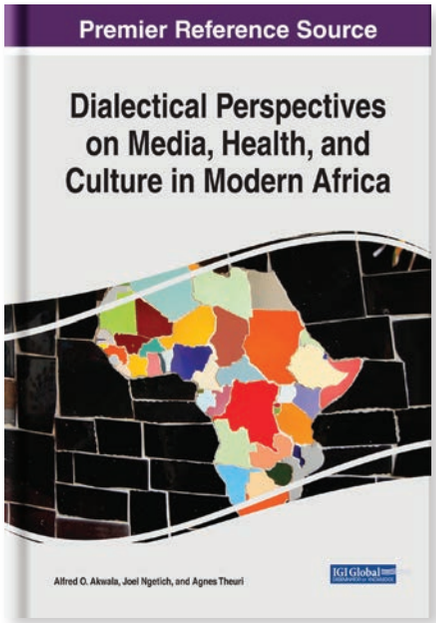

Description:

Communication plays a critical role in enhancing social, cultural, and business relations. Research on media, language, and cultural studies is fundamental in a globalized world because it illuminates the experiences of various populations. There is a need to develop effective communication strategies that will be able to address both health and cultural issues globally.

Dialectical Perspectives on Media, Health, and Culture in Modern Africa is a collection of innovative research on the impact of media and especially new media on health and culture. While highlighting topics including civic engagement, gender stereotypes, and interpersonal communication, this book is ideally designed for university students, multinational organizations, diplomats, expatriates, and academicians seeking current research on how media, health, and culture can be appropriated to overcome the challenges that plague the world today.

Topics Covered:

- Civic Engagement
- Culture Shock
- E-Learning Technologies
- Gender Stereotypes
- Health Communication
- Health Promotions
- Interpersonal Communication
- Mobile Phone Application
- Reproductive Health Services
- Social Media

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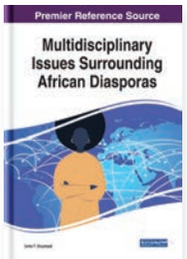

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© 2020; 330 pp.

Political, Economic, and Social Factors Affecting the Development of Russian Statehood: Emerging Research and Opportunities
© 2020; 155 pp.

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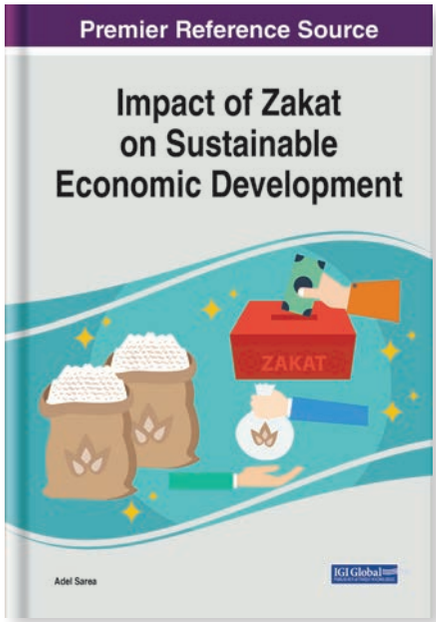

Zakat对经济可持续发展的影响

Part of the Advances in Electronic Government, Digital Divide, and Regional Development Book Series

Prof. Adel Sarea (Ahlia University, Bahrain)

Description:

Zakat, a religious obligation in the form of almsgiving, is highly important both in Islam and in the Islamic economy. As Muslim communities face financial hardships around the world, Zakat has emerged as a vital component within these communities and could play a major role in sustainable economic development by helping society to alleviate poverty and promote social equality.

Impact of Zakat on Sustainable Economic Development is a pivotal reference source that contributes practical solutions and knowledge production in alleviating poverty in Muslim countries by adopting Islamic approaches to contemporary socio-economics and the importance of Zakat in sustaining development and supporting the welfare of society. Featuring coverage on a wide range of topics such as corporate governance, ethics, and sustainable economic development, this book is ideally designed for economists, government officials, regulators, entrepreneurs, financial professionals, religious authorities, researchers, academicians, and students at the postgraduate level.

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Copyright: 2021
Pages: 238

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Topics Covered:

- Accounting
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- Social Services
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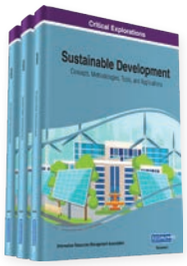
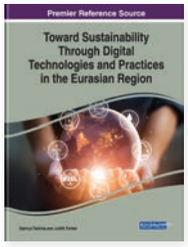


Sustainable Development: Concepts, Methodologies, Tools, and Applications (3 Vols.)
© 2018; 1,725 pp.

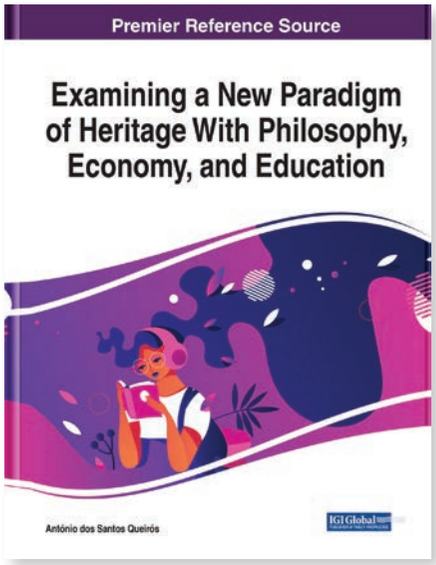


Toward Sustainability Through Digital Technologies and Practices in the Eurasian Region
© 2020; 294 pp.

从哲学、经济和教育角度审视遗产的新范式

Part of the Advances in Religious and Cultural Studies Book Series

Prof. António dos Santos Queirós (Lisbon University, Portugal)



Description:

OECD, UNESCO, the European Union, and the United Nations acknowledge that formal educational systems alone cannot respond to rapid and constant technological, social, and economic change in society and that they should be reinforced by non-formal educational practices.

Examining a New Paradigm of Heritage With Philosophy, Economy, and Education is a critical scholarly publication that provides comprehensive research on the sustainability of identity and cultural heritage. The book establishes uniform and consistent conceptual criteria to identify and distinguish the different typological categories of heritage and discusses the concept of "cultural landscape" and environmental ethics. Moreover, connections between cultural heritage and natural heritage and the economy of heritage are explored. Finally, the book discusses cultural landscape as an educational resource with reading and interpretation of the cultural landscape as a basis for learning with a methodology of experimental science and its first metamorphosis of value. Featuring a range of topics such as curriculum design, ethics, and environmental tourism, this book is ideal for academicians, sociologists, biologists, researchers, policymakers, and students.

Topics Covered:

- Cultural Heritage
- Curriculum Design
- Economy
- Education
- Edutainment
- Environmental Tourism
- Ethics
- Landscape Architecture
- Museums
- Natural Heritage
- Philosophy
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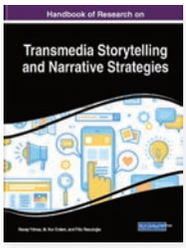

Handbook of Research on Transmedia Storytelling and Narrative Strategies
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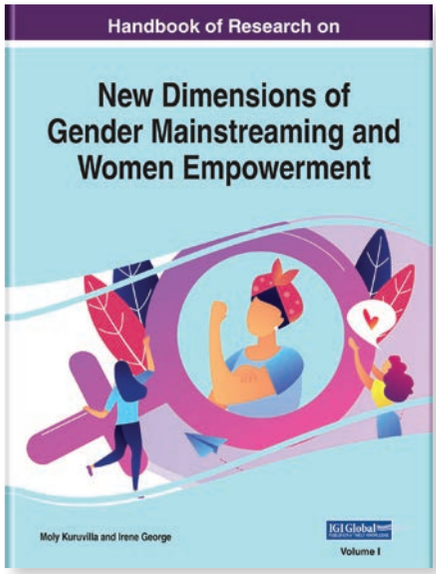

性别主流化和女性赋权的新维度

Part of the Advances in Religious and Cultural Studies Book Series

Profs. Moly Kuruvilla (University of Calicut, India) and Irene George (Emirates Institute for Banking and Financial Studies, UAE)

ISBN: 9781799828198
Release Date: June, 2020
Copyright: 2020
Pages: 610

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Description:

Globally, women are facing social, economic, and cultural barriers impeding their autonomy and agency. Accelerated women empowerment programs often fail to attain their targets as envisaged by the policymakers due to a variety of reasons, with the most prominent being the deep-rooted cultural norms ingrained within society. In the era of globalization, empowerment of women demands new approaches and strategies that encourage the mainstreaming of gender equality as a societal norm.

The **Handbook of Research on New Dimensions of Gender Mainstreaming and Women Empowerment** is a critical scholarly publication that examines global gender issues and new strategies for the promotion of women empowerment and gender mainstreaming in various spheres of women's lives, including education and ICT, economic participation, health and sexuality, mental health, aging, law and judiciary, leadership, and decision making. It provides a comprehensive coverage of all major gender issues with novel ideas on gender mainstreaming being contributed by men and women authors from multidisciplinary backgrounds. Gender perspective and intersectional approach in the discourses make this handbook a unique contribution to the scholarship of social sciences and humanities. The book provides new theoretical inputs and practical directions to academicians, sociologists, social workers, psychologists, managers, lawyers, policy makers, and government officials in their efforts at gender mainstreaming.

Topics Covered:

- Criminal Justice
- Decision Making
- Economics
- Education
- Entrepreneurship
- Gender Mainstreaming
- Gender-Based Violence
- Healthcare
- Law
- Women Empowerment

Related Books

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© 2016; 353 pp.

Gender and Diversity: Concepts, Methodologies, Tools, and Applications (4 Vols.)
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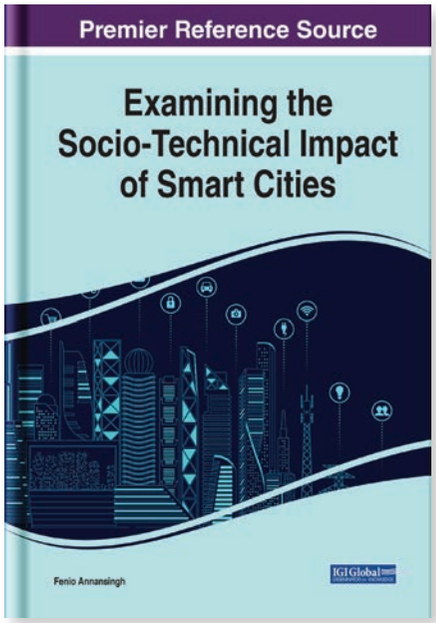
审视智慧城市的社会技术影响

Part of the Advances in Human and Social Aspects of Technology Book Series

Prof. Fenio Annansingh (City University of New York – York College, USA)



Description:

Smart city development and governance is a technological issue and a complex mechanism of the political understanding of technology, environmental interest, and urban interactions in terms of both economic gains and other public values. A smart city is defined by the technology it possesses and how it integrates and uses that technology to improve operational efficiency, propel citizen engagement, and justify inward migration. Understanding the principles and policies at work creates a full understanding of smart cities.

Examining the Socio-Technical Impact of Smart Cities is an essential publication that enhances our theoretical understanding of the socio-technical impact of smart cities by promoting the conceptual interactions between social and governmental structures (people, task, structure) with new technologies. Highlighting a wide range of topics including community inclusion, cultural innovation, and public safety, this book is ideally designed for urban planners, entrepreneurs, engineers, government officials, policymakers, academicians, researchers, and students.

Topics Covered:

- Artificial Intelligence
- Big Data
- Blockchain
- Cloud Computing
- Community Inclusion
- Cultural Innovation
- Cybersecurity
- E-Government
- ICT Infrastructure
- Information Security
- Internet of Things
- Public Safety
- Smart Urban Mobility
- Smart Workforce
- Sustainability

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Copyright: 2021
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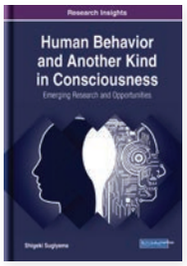
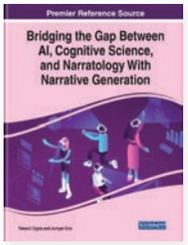


Human Behavior and Another Kind in Consciousness: Emerging Research and Opportunities
© 2019; 102 pp.



Bridging the Gap Between AI, Cognitive Science, and Narratology With Narrative Generation
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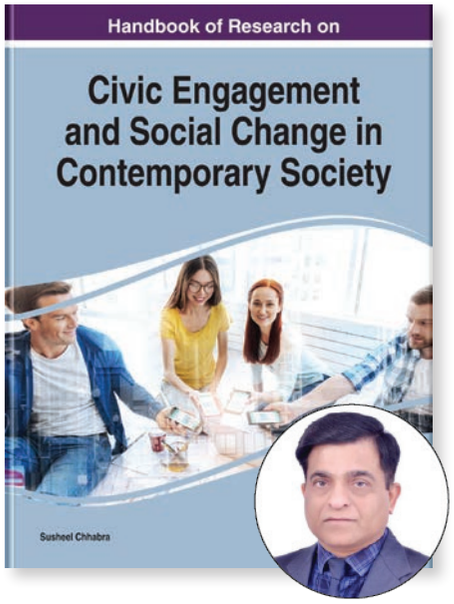

当代社会公民参与与社会变革研究手册

Part of the Advances in Human and Social Aspects of Technology Book Series

Prof. Susheel Chhabra (Periyar Management and Computer College, India)

Description:

Outreach and engagement initiatives are crucial in promoting community development and social change. This can be achieved through a number of methods including public policy and urban development.

The **Handbook of Research on Civic Engagement and Social Change in Contemporary Society** is a critical scholarly resource that examines the unexplored field of applying social change to civic engagement in an effort to enlarge public welfare activities. Featuring coverage on a broad range of topics, such as civic education, sustainable development, and child labor, this publication is geared towards academicians, researchers, and students seeking current research on civic engagement and public welfare.

ISBN: 9781522541974
Release Date: February, 2018
Copyright: 2018
Pages: 445

Pricing:

Hardcover: US $245.00
E-Book: US $245.00

Topics Covered:

- Child Labor
- Citizen services
- Civic Education
- Poverty Reduction
- Rural Development
- Social Media
- Sustainable Development

This Book is Included in:

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*"The book promotes **cutting edge research** on various issues of civic engagement as an **integrated platform** for researchers, scholars, academic institutions, and civic society. It contains research, exemplary cases, smart processes and competencies, development of frameworks, and collaborations, suggesting standards and benchmarks worldwide."*
- Prof. Susheel Chhabra (Periyar Management and Computer College, India)

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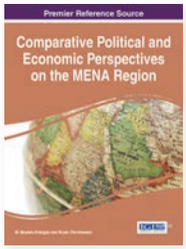

Comparative Political and Economic Perspectives on the MENA Region
© 2016; 386 pp.

当代社会的民族主义、社会运动和行动主义:新兴的研究和机会

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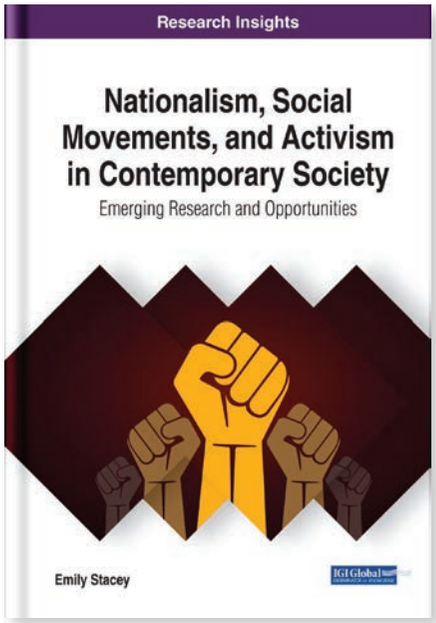
Emily Stacey (Swansea University, UK)



Description:

Nationalist movements have become a force in contemporary American politics regardless of the political party. As social issues plague America, civilian participation in activism is experiencing a resurgence.

Nationalism, Social Movements, and Activism in Contemporary Society: Emerging Research and Opportunities provides vital information on the most current issues facing the American public and political system while also exploring nationalist ideology and its application in modern politics. While highlighting the challenges facing America's democracy and social structure, this book explores how civilians and movements are working to make progress in the current political climate. This book is an important resource for researchers, activists, political scientists, journalists, professors, students, and professionals seeking current research on nationalism, social activism, civilian protest, and the current American political climate.

Topics Covered:

- Alt-Right
- American Nationalist Movements
- American Political System
- Black Lives Matter
- Civilian Participation
- Immigration Issues
- Nationalist Ideology
- Social Activism

ISBN: 9781522554332
Release Date: March, 2018
Copyright: 2018
Pages: 135

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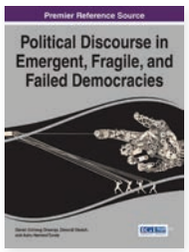

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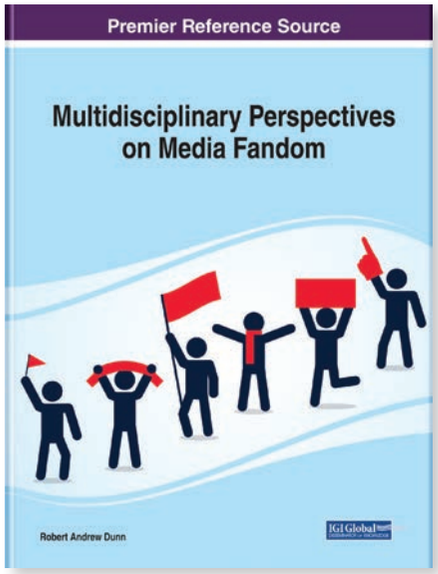

媒介迷文化的多学科剖析

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Robert Andrew Dunn (East Tennessee State University, USA)

Description:

Leisure time today is driven by fandom. Once viewed as a social pariah, the fan and associated fandom as a whole has transformed into a popularized social construct researchers are still attempting to understand. Popular culture in the modern era is defined and dominated by the fan, and the basis of fandom has established its own identity across several platforms of media. As some forms of fandom have remained constant, including sports and cinema, other structures of fandom are emerging as the mass following of video games and cosplay are becoming increasingly prominent. Fandom has been established as an important facet in today's society, and necessary research is required for understanding how fandom is shaping society as a whole.

Multidisciplinary Perspectives on Media Fandom is a pivotal reference source that provides vital research that reviews some of the most exigent facets of today's fandom and highlights understudied cultures of fandom as well as emerging intricacies of established fandom. While promoting topics such as esports, influencer culture, and marketing trends, this publication explores both qualitative and quantitative approaches as well as the methods of social science and critical perspectives. This book is ideally designed for marketers, media strategists, brand managers, consumer behavior analysts, researchers, academics, and students.

ISBN: 9781799833239
Release Date: May, 2020
Copyright: 2020
Pages: 433

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

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Topics Covered:

- Branding
- Consumer Behavior
- Digital Media
- eSports
- Influencer Culture
- Marketing Trends
- Mobile Gaming
- Online Community
- Social Identity
- Sports Media

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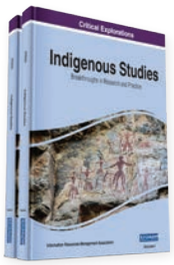
Media and Its Role in Protecting the Rights of Children in Africa
© 2020; 368 pp.

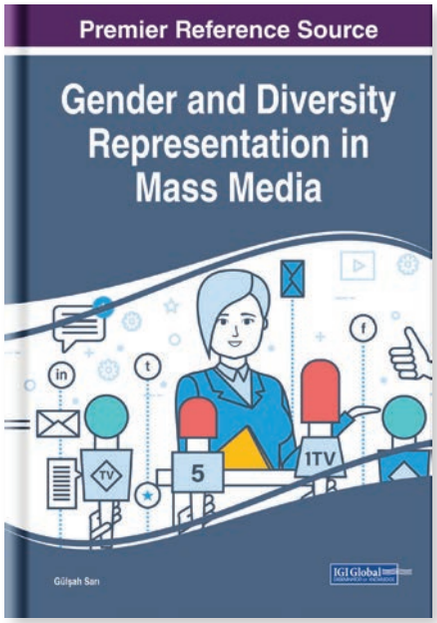


Indigenous Studies: Breakthroughs in Research and Practice (2 Vols.)
© 2020; 773 pp.

大众传媒的性别与多样性表征

Part of the Advances in Media, Entertainment, and the Arts Book Series

Prof. Gülşah Sarı (Bolu Abant Izzet Baysal University, Turkey)



Description:

Perspectives on gender and gender expectations can vary from culture to culture. These perspectives are variable and can change over time or due to a societal crisis. Media representations of gender identities portray essential patterns and definitions that help define the culture they are presented within, as well as influence perceptions and stereotypes on gender and gender roles.

Gender and Diversity Representation in Mass Media is an essential research book that examines social gender representations in mass media with respect to cultural variety and is indicative of expectations and stereotypes of specific genders or gender identities within a specific culture. Featuring a wide range of topics such as gender politics, transmedia, and masculinity, this book is essential for academics, sociologists, communications practitioners, industry professionals, producers, editors, marketers, students, researchers, social activists, and policymakers.

ISBN: 9781799801283
Release Date: July, 2019
Copyright: 2020
Pages: 338

Topics Covered:

- Body Policies
- Computer Games
- Feminism
- Film
- Gender Politics
- Gender Representation
- Masculinity
- Media
- Social Gender
- Transmedia
- Violence

Pricing:

Hardcover: US $195.00
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*"This book, which makes **evaluations through different approaches** on gender, makes an **important contribution** towards the maintenance of discussability of the gender concept in Turkey."*
- Prof. Ysemin Kılınçarslan (Uşak University, Turkey)

Related Books

Handbook of Research on Translating Myth and Reality in Women Imagery Across Disciplines
© 2021; 400 pp.

Quality Assurance and Assessment Practices in Translation and Interpreting
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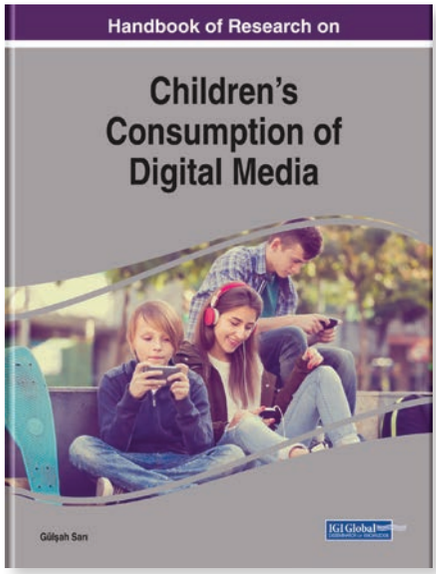

儿童数字媒体消费研究手册

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Prof. Gülşah Sarı (Abant Izzet Baysal University, Turkey)

Description:

One of the consequences of the digital revolution is the availability and pervasiveness of media and technology. They became an integral part of many people's lives, including children, who are often exposed to media and technology at an early age. Due to this early exposure, children have become targeted consumers for businesses and other organizations that seek to utilize the data they generate.

The **Handbook of Research on Children's Consumption of Digital Media** is a scholarly research publication that examines how children have become consumers as well as how their consumption habits have changed in the age of digital and media technologies. Featuring current research on cyber bullying, social media, and digital advertising, this book is geared toward marketing and advertising professionals, consumer researchers, international business strategists, academicians, and upper-level graduate students seeking current research on the transformation of child to consumer.

ISBN: 9781522557333
Release Date: July, 2018
Copyright: 2019
Pages: 423

Pricing:

Hardcover: US $225.00
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Topics Covered:

- Communication Disorders
- Cyber Bullying
- Digital Advertising
- Digital Natives
- Media Addiction
- Smartphones
- Social Media
- Social Values
- Subliminal Advertising

Indexed In:

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*"This book is **very important** in terms of providing **detailed** interdisciplinary data for professionals, researchers, experts and students interested in children and the media, and to **enlighten on the work to be done** on this field."*
- Gülşah Sarı (Abant Izzet Baysal University, Turkey)

*"This book deals with the problems mentioned especially in terms of new media usage. It includes a lot of **very valuable researches** about every digital media area and especially the effect of social media on children."*
- Prof. Mustafa Şeker (Akdeniz University, Turkey)

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Chapter 5: Seeking Solutions for Enhancing Social Relations and Communication in Media-Dependent Children of the Digital Age Prof. Tuğba Akdal, Zonguldak Bulent Ecevit University, Turkey	**Chapter 8: New Communication Technologies: A Focus Group Study About Children** Prof. Rengim Sine, Abant Izzet Baysal University, Turkey
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Chapter 23: Advertising Appeals Used in Children's Television Networks: An Analysis of the Advertisements on Disney Channel in Turkey Prof. Elif Esiyok, Atilim University, Turkey	**Chapter 24: Mechanism That Handles Child's Control Cartoons** Prof. Mehmet Kanak, Cumhuriyet University, Turkey

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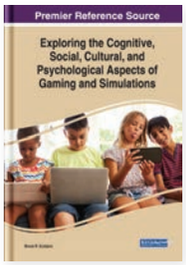

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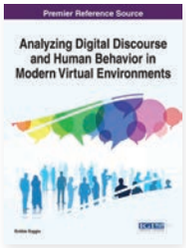

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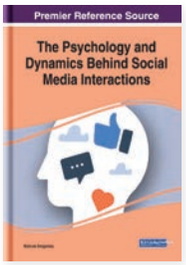

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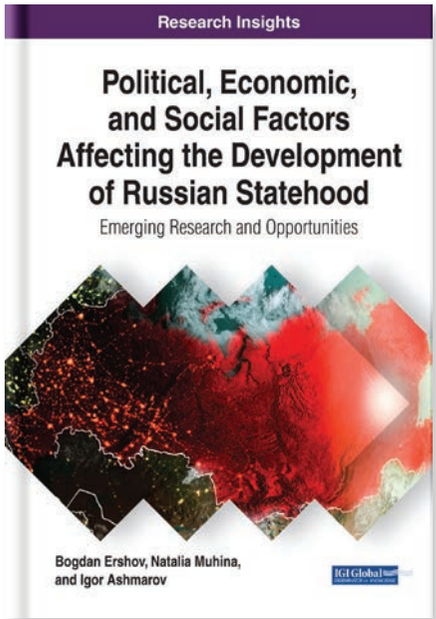

影响俄罗斯国家发展的政治、经济与社会因素：新兴研究与机遇

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Profs. Bogdan Ershov (Voronezh State Technical University, Russia), Natalia Muhina (Voronezh State Technical University, Russia), and Igor Ashmarov (Voronezh State Institute of Arts, Russia)

ISBN: 9781522599852
Release Date: July, 2019
Copyright: 2020
Pages: 155

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Description:

The historical development of Russia remains one of the most unique yet ambiguous timelines in the realm of political science and sociology. Understanding the state of culture as a single, dynamic, and interrelated phenomenon is a vital component regarding the memoirs of this prominent nation.

Political, Economic, and Social Factors Affecting the Development of Russian Statehood: Emerging Research and Opportunities is a collection of innovative research on the historical aspects of the formation of the political system in Russia and proposes directions for the further development of modern Russian statehood. While highlighting topics including socio-politics, Soviet culture, and capitalization, this book is ideally designed for economists, government officials, policymakers, historians, diplomats, intelligence specialists, political analysts, professors, students, and professionals seeking current research on the history of public administration in Russia.

Topics Covered:

- Capitalization
- Cultural Trends
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- Post-War Period
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- Social Relations
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- Soviet Culture

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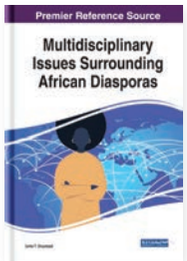

Multidisciplinary Issues Surrounding African Diasporas
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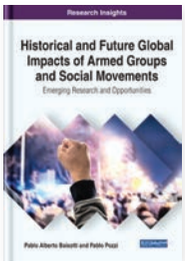

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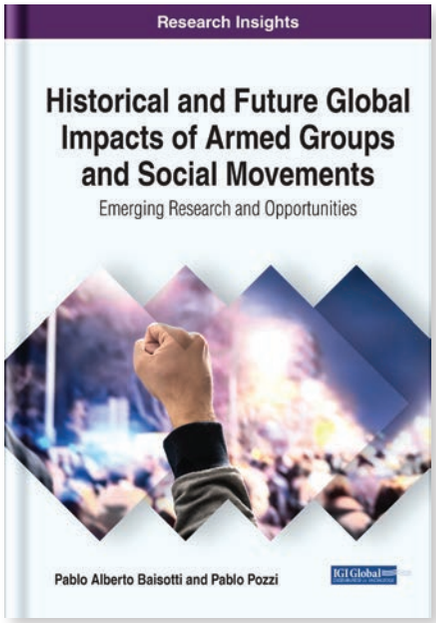

Description:

Resistance movements to economic measures and militaristic policies have been increasing in Latin America and the Caribbean since the 1960s. Indigenous and peasant movements are advancing against the exploitation of their territories by mining, oil, and other companies, as well as movements of migrants, women, and other popular rural and urban sectors.

Historical and Future Global Impacts of Armed Groups and Social Movements: Emerging Research and Opportunities is an essential scholarly publication that examines resistance and alternative movements that protest existing government systems and political injustice. Featuring a wide range of topics such as neoliberalism, social movement, and dictatorship, this book is ideal for politicians, historians, diplomats, sociologists, international relations officers, policymakers, researchers, professionals, government officials, academicians, and students.

Topics Covered:

- Alternative Movements
- Anti-Globalization
- Black Panther Party
- Democracy
- Dictatorship
- Government
- Guerilla
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ISBN: 9781799852056
Release Date: June, 2020
Copyright: 2020
Pages: 292

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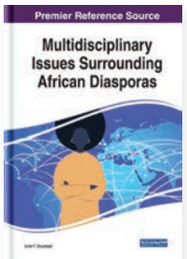

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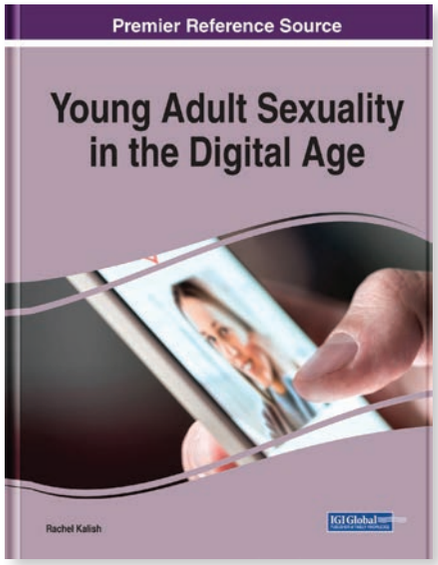

数字时代的青少年性行为分析

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Rachel Kalish (SUNY College at Old Westbury, USA)

Description:

Technology is rapidly advancing, and each innovation provides opportunities for such technology to mesh with the human enactment of physical intimacy or to be used in the quest for information about sexuality. However, the availability of this technology has complicated sexual decision making for young adults as they continually navigate their sexual identity, orientation, behavior, and community.

Young Adult Sexuality in the Digital Age is a pivotal reference source that improves the understanding of the combination of technology and sexual decision making for young adults, examining the role of technology in sexual identity formation, sexual communication, relationship formation and dissolution, and sexual learning and online sexual communities and activism. While highlighting topics such as privacy management, cyber intimacy, and digital communications, this book is ideally designed for therapists, social workers, sociologists, psychologists, counselors, healthcare professionals, scholars, researchers, and students.

ISBN: 9781799831877
Release Date: May, 2020
Copyright: 2020
Pages: 262

Pricing:

Hardcover: US $195.00
Softcover: US $150.00
E-Book: US $195.00

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Topics Covered:

- Cyber Intimacy
- Digital Communications
- Explicit Material
- Hookup Culture
- Privacy Management
- Public Health
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- Sexual Behavior
- Sexual Harassment
- Social Media

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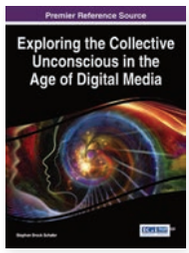
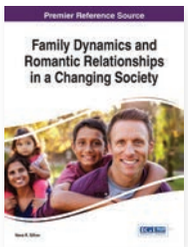


Exploring the Collective Unconscious in the Age of Digital Media
© 2016; 316 pp.



Family Dynamics and Romantic Relationships in a Changing Society
© 2017; 439 pp.

21世纪网络文化的现状与未来范式

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Profs. Simber Atay (Dokuz Eylül Üniversity, Turkey), Gülsün Kurubacak-Meriç (Anadolu University, Turkey), and Serap Sisman-Uğur (Anadolu University, Turkey)

Description:

Cyberculture is a particularly complex issue. It is seen as a fantastic meeting point of classic philosophers with postmodern theorists, politicians with community engineers, contemporary sophists with software engineers, and artists with rhetoricians. Today, cyberculture is identified highly with new media and digital rhetoric and could be used to create a comprehensive map of modern culture.

Present and Future Paradigms of Cyberculture in the 21st Century is a comprehensive research publication that explores the influence of the internet and internet culture on society as a whole. Highlighting a wide range of topics such as digital media, activism, and psychology, this book is ideal for academicians, researchers, sociologists, psychologists, anthropologists, and students.

Topics Covered:

- Activism
- Community Engineering
- Cyberculture
- Digital Media
- Digital Technologies
- Netocracy
- Politics
- Psychology
- Software Engineering
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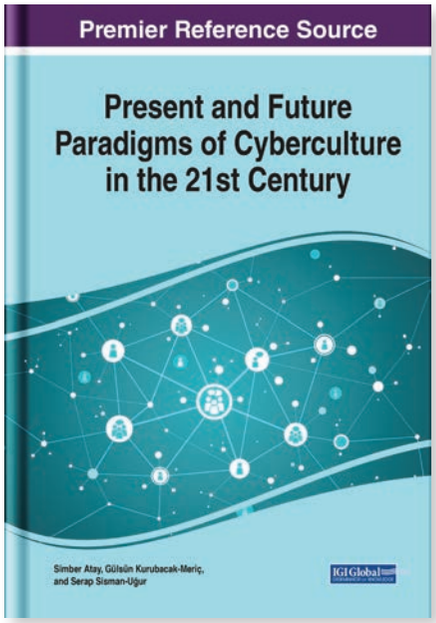

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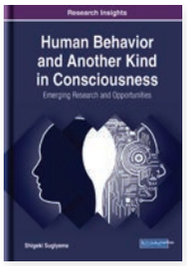

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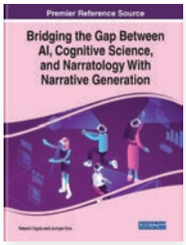

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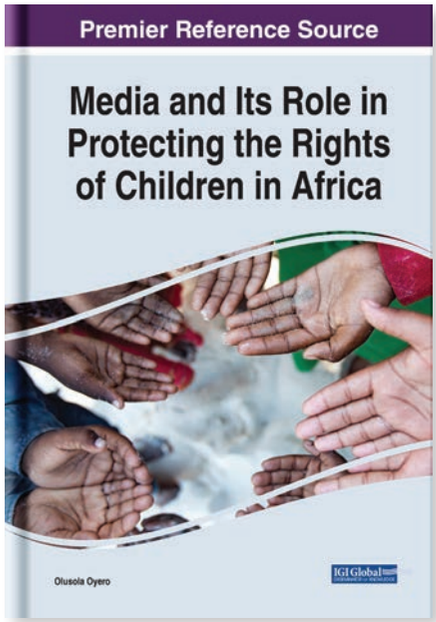

媒体及其在保护非洲儿童权益方面的运用

Part of the Advances in Media, Entertainment, and the Arts Book Series

Prof. Olusola Oyero (Covenant University, Nigeria)

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Description:

Many international and national charters and declarations have sought to define and protect the rights of children and ensure their safety. Although many African countries subscribe to these international conventions and charters, rights violations against children have not diminished, and negative actions against children are still carried out daily. Though the media have been charged with the responsibility of active involvement in protecting the interest of the child, it is important to examine how well they have fared in the performance of this duty and the challenges that occur in the process, as well as identify future pathways to ensure that the media succeeds in this assignment.

Media and Its Role in Protecting the Rights of Children in Africa is an essential research publication that examines media roles, challenges, theories, and strategies to ensuring the realization of the rights of children. Featuring a range of topics such as cyber-ethics, media studies, and sustainable development, this book is essential for reporters, journalists, newscasters, broadcasters, communication specialists, government officials, activists, humanitarians, sociologists, psychologists, social workers, professionals, researchers, non-governmental organizations, policymakers, academicians, and students.

Topics Covered:

- Child Rights
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- Cyber-Ethics
- Education
- Film Industry
- Media Studies
- Photojournalism
- Social Media
- Sustainable Development

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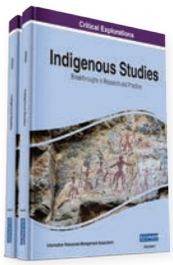
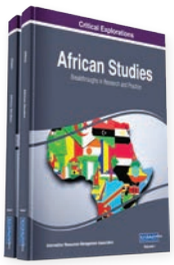


Indigenous Studies: Breakthroughs in Research and Practice (2 Vols.)
© 2020; 773 pp.



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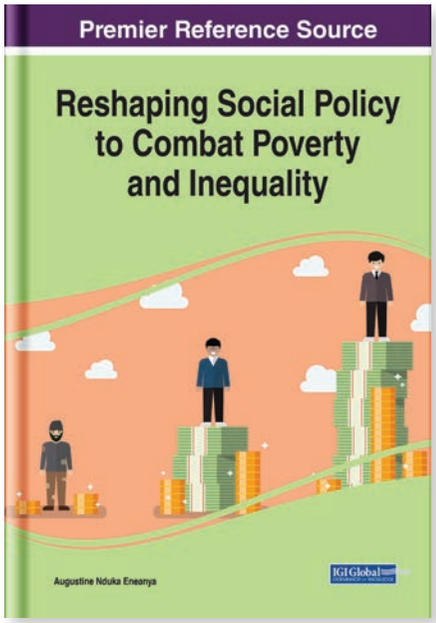

Description:

The gap between various social classes occurs due to inequality in various social categories arising from lack of opportunities and exclusion from resource distribution due to various attributes of these societal classifications. The social problems of poverty and inequality created by economic uncertainty become a compelling force for states to introduce welfare programs.

Reshaping Social Policy to Combat Poverty and Inequality is a critical scholarly publication that delivers extensive coverage of policy practice and a unique emphasis on the broad issues and human dilemmas inherent in the pursuit of social justice. The book further explores how the economic fluctuations and political change interact with shifting social values to shape and re-shape social policies. Highlighting a range of topics such as economics, discrimination, and sustainable development, this book is essential for policymakers, academicians, researchers, social psychologists, sociologists, government officials, and students.

Topics Covered:

- Discrimination
- Economics
- Gender Inequality
- Inequality
- Pay Gap
- Poverty Reduction
- Social Exclusion
- Social Policy
- Sustainable Development
- Wealth Inequality

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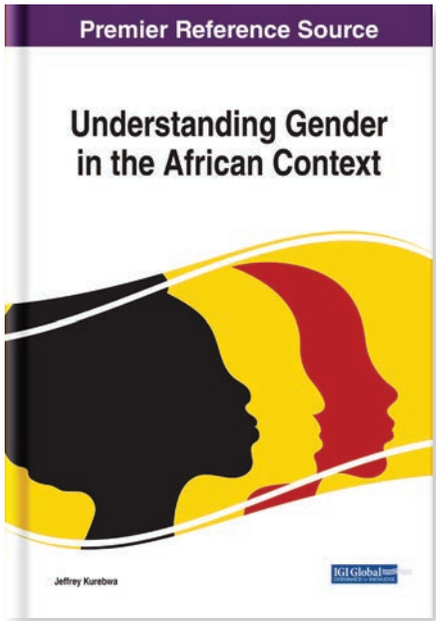

在非洲背景下理解性别

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Prof. Jeffrey Kurebwa (Bindura University of Science Education, Zimbabwe)

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Description:

One of the most significant dimensions of gender studies is that it is political. It raises questions about power in society and how and why power is differentially distributed between different genders. It asks questions about who has power over whom, in which situations, how power is exercised, and how it is, and can be, challenged. Different theories and perspectives within gender studies have different approaches to these questions and look for answers in different social processes. Many debates are on-going, as new data is revealed and new theories are put forth.

Understanding Gender in the African Context is a scholarly reference that explores the complexities of the ideologies and social patterns that contribute to the field of gender studies. Featuring a range of topics such as human rights, feminism, and social media, this book is ideal for policymakers, sociologists, social scientists, civil society organizations, government officials, academicians, researchers, and students.

Topics Covered:

- Criminal Justice
- Feminism
- Film
- Gender Identity
- Gender Mainstreaming
- Gender Representation
- Globalization
- Human Rights
- LGBTQ+
- Pedagogy
- Sexuality
- Social Media

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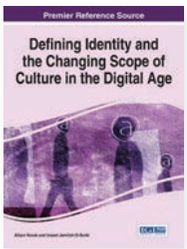

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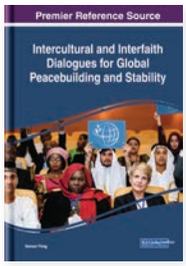

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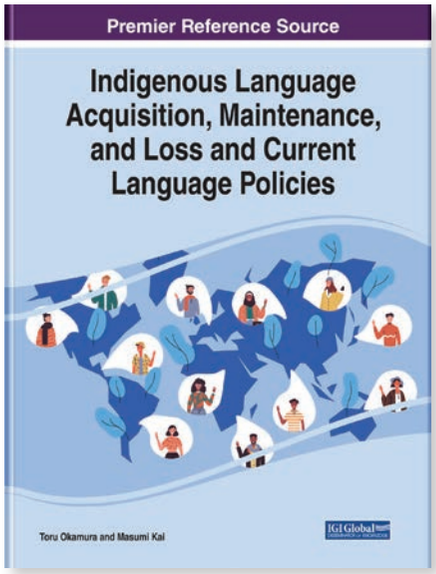
Profs. Toru Okamura (Komatsu University, Japan) and Masumi Kai (University of Guam, Guam)



Description:

The world's linguistic map has changed in recent years due to the vast disappearance of indigenous languages. Many factors affect the alteration of languages in various areas of the world including governmental policies, education, and colonization. As indigenous languages continue to be affected by modern influences, there is a need for research on the current state of native linguistics that remain across the globe.

Indigenous Language Acquisition, Maintenance, and Loss and Current Language Policies is a collection of innovative research on the diverse policies, influences, and frameworks of indigenous languages in various regions of the world. It discusses the maintenance, attrition, or loss of the indigenous languages; language status in the society; language policies; and the grammatical characteristics of the indigenous language that people maintained and spoke. This book is ideally designed for anthropologists, language professionals, linguists, cultural researchers, geographers, educators, government officials, policymakers, academicians, and students.

Topics Covered:

- Cultural Influences
- Dialectology
- Diglossia
- Grammatical Characteristics
- Language Attrition
- Language Education
- Language Variety
- Linguistic Geography
- Multilingualism
- Sociolinguistics

ISBN: 9781799829591
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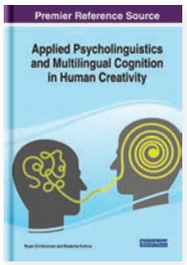

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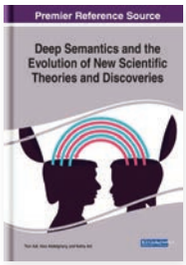

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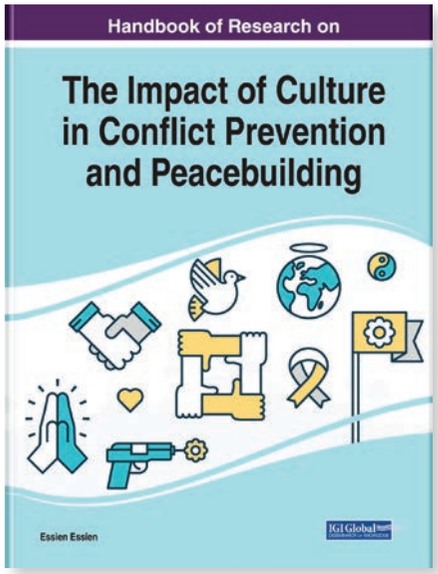

文化对冲突预防与和平建设的影响研究手册

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Prof. Essien Essien (University of Uyo, Nigeria)

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Description:

The contemporary conflict scenarios are beyond the reach of standardized approaches to conflict resolution. Given the curious datum that culture is implicated in nearly every conflict in the world, culture can also be an important aspect of efforts to transform destructive conflicts into more constructive social processes. Yet, what culture is and how culture matters in conflict scenarios is contested and regrettably unexplored.

The **Handbook of Research on the Impact of Culture in Conflict Prevention and Peacebuilding** is a critical publication that examines cultural differences in conflict resolution based on various aspects of culture such as morals, traditions, and laws. Highlighting a wide range of topics such as criminal justice, politics, and technological development, this book is essential for educators, social scientists, sociologists, political leaders, government officials, academicians, conflict resolution practitioners, world peace organizations, researchers, and students.

Topics Covered:

- Anti-Social Behavior
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- Industrialization
- Politics
- Religion
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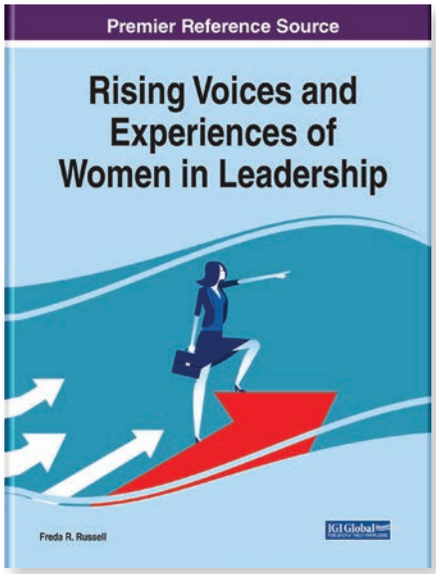

Description:

Compared with the representation of women in the U.S. labor force, an overall gap continues to persist in the number of women in positions of power and authority at the top of the hierarchy within organizations. Lessons learned from the challenges and opportunities articulated by women and men in positions of power will inform organizations of the importance of building a culture of gender inclusivity across organizational boundaries.

Rising Voices and Experiences of Women in Leadership is a critical scholarly resource that examines gender constructions as they intersect and interact with various sociological identities as well as case studies on the rising voice and experience of women as senior organizational leaders. The book also addresses the social reengagement by women as part of significant movements and highlights organizations and practices that are breaking the barriers of gender inequality in the workplace. Featuring a wide range of topics such as entrepreneurship, social justice, and crisis leadership, this book is ideal for professionals, researchers, managers, executives, leaders, academicians, sociologists, policymakers, and students in fields that include humanities, social sciences, women's studies, business management, health sciences, educational studies, and political sciences.

Topics Covered:

- Crisis Leadership
- Cultural DNA
- Diversity
- Empowerment
- Entrepreneurship
- K-12 Education
- Politics
- Sexual Harassment
- Social Dominance
- Social Justice
- Women Leaders
- Women of Color

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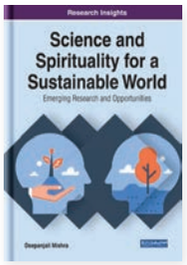

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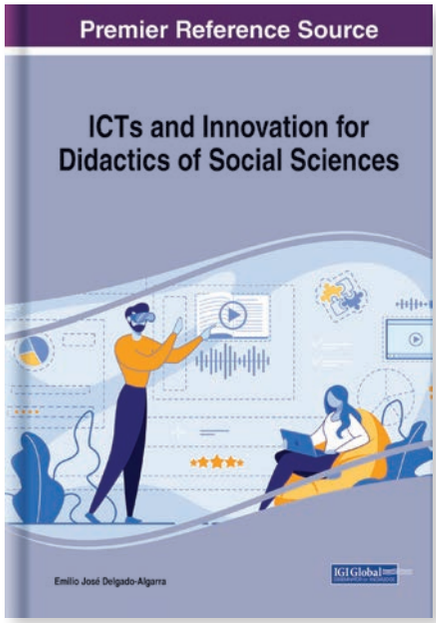

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Prof. Emilio José Delgado-Algarra (University of Huelva, Spain)

Description:

The advancement of technology in today's world has led to the progression of several professional fields. This includes the classroom, as teachers have begun using new technological strategies to increase student involvement and motivation. ICT innovation including virtual reality and blended learning methods has changed the scope of classroom environments across the globe; however, significant research is lacking in this area.

ICTs and Innovation for Didactics of Social Sciences is a fundamental reference focused on didactics of social sciences and ICTs including issues related to innovation, resources, and strategies for teachers that can link to the transformation of social sciences teaching and learning as well as societal transformation. While highlighting topics such as blended learning, augmented reality, and virtual classrooms, this book is ideally designed for researchers, administrators, educators, practitioners, and students interested in understanding current relevant ICT resources and innovative strategies for the didactic of social sciences and didactic possibilities in relation to concrete conceptual contents, resolution of problems, planning, decision making, development of social skills, attention, and motivation promoting a necessary technological literacy.

Topics Covered:

- 3D Printing
- Augmented Reality
- Blended Learning
- Mobile Learning
- Social Skill Development
- Student Involvement
- Teaching Strategies
- Technological Literacy
- Videogaming
- Virtual classrooms

ISBN: 9781799828822
Release Date: February, 2020
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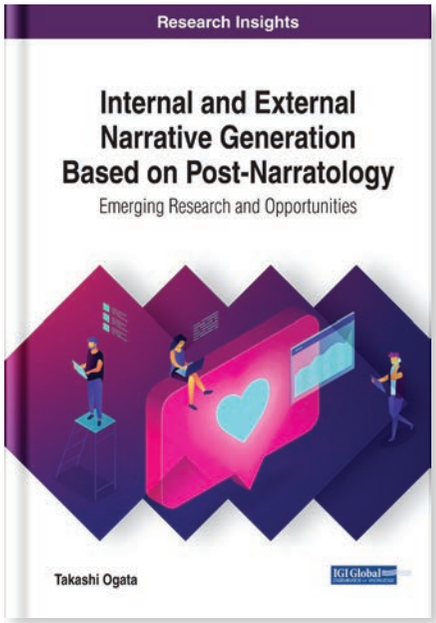
Prof. Takashi Ogata (Iwate Prefectural University, Japan)



Description:

Narrative generation can be applied to systematic frameworks that cover theoretical and philosophical thoughts of narratives and narrative generation, analytical research of related narrative genres and narrative works, and narrative works writing and creation using narrative generation systems. The design and development of narrative generation systems refers to the themes regarding narrative work creation as arts and literature through narrative generation systems beyond narrative generation systems as a technology.

Internal and External Narrative Generation Based on Post-Narratology: Emerging Research and Opportunities is an essential scholarly publication that explores the creation of narrative systems using practical frameworks and advanced narrative analysis. Highlighting a range of topics such as marketing, synthetic narrative, and application systems, this book is ideal for academicians, information technology professionals, designers, developers, researchers, and students.

Topics Covered:

- Advertising
- Application Systems
- Architecture
- GIS
- Manufacturing
- Marketing
- Narrative Analysis
- Narrative Generation
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- Synthetic Narrative

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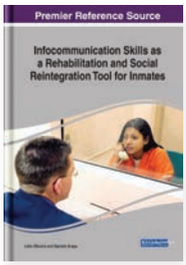

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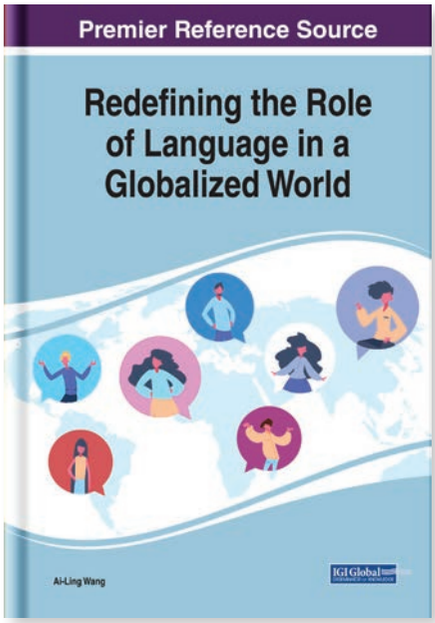

重新定义语言在全球化世界中的角色

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Prof. Ai-Ling Wang (Tamkang University, Taiwan)

Description:

Language, while seemingly static, is dynamic and ever-changing, necessitating adaptability in various fields of language studies. It is especially true in a globalized world and an information age. In the field of language and its applications, it is essential to reconsider and redefine existing issues and envision how the changes may have impacts on human beings and on the entire globe.

Redefining the Role of Language in a Globalized World is an essential scholarly publication that explores the role language will play in a globalized world and how language changes over time through its interdependent relationship with technology. Featuring a wide range of topics such as bilingualism, native speaker prejudice, and social inequality, this book is essential for educators, linguists, researchers, curriculum designers, academicians, policymakers, librarians, and students.

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Release Date: September, 2020
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Pages: 300

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- Language Learning
- Language Management
- Learning Methodologies
- Minority Languages
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- Neurolinguistics
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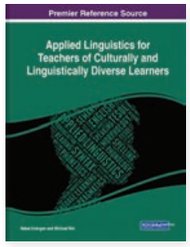

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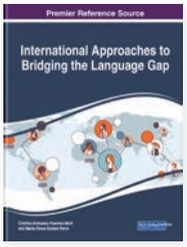

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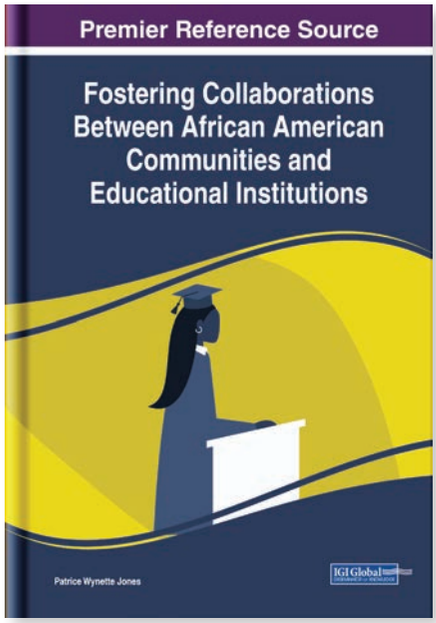

促进非裔美国人社区和教育机构之间的合作

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Patrice Wynette Jones (Embry-Riddle Aeronautical University, USA)

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Description:

Historically, African American communities were marked by a strong sense of community, promoted by limited resources and racial segregation. However, with integration, African American populations grew less concentrated in the same areas, and this population of people began to rely less on each other. In an effort to attain equality, which still at times feels elusive and challenged, the sense of community and impact of education once prevalent among African Americans has suffered.

Fostering Collaborations Between African American Communities and Educational Institutions is a pivotal reference source that explores pre-segregation experiences of community and education, as well as the changes among HBCUs and public education in predominately African American and poor areas. The book sheds light on the relationship between racial and educational disparities and reveals the impact of community and cultural co-dependence in moving African Americans toward a more socially equitable place within American culture. Covering topics such as the achievement gap, community relationships, and teacher education, this publication is ideally designed for educators, higher education faculty, HBCUs, researchers, policymakers, non-profit organizers, historians, sociologists, academicians, and students.

Topics Covered:

- Achievement Gap
- Black Christian Education
- Community Relationships
- Education
- Historically Black Colleges and Universities (HBCU)
- Inclusivity and Collaboration
- Integration
- Poverty
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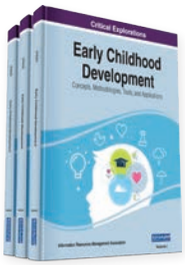

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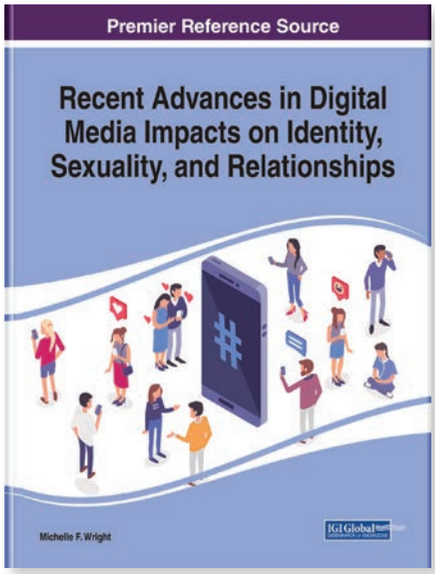

Description:

Between adolescence and adulthood, individuals begin to explore themselves mentally and emotionally in an attempt to figure out who they are and where they fit in society. Social technologies in the modern age have ushered in an era where these evolving adolescents must circumvent the negative pressures of online influences while also still trying to learn how to be utterly independent.

Recent Advances in Digital Media Impacts on Identity, Sexuality, and Relationships is a collection of critical reference materials that provides imperative research on identity exploration in emerging adults and examines how digital media is used to help explore and develop one's identity. While highlighting topics such as mobile addiction, online intimacy, and cyber aggression, this publication explores a crucial developmental period in the human lifespan and how digital media hinders (or helps) maturing adults navigate life. This book is ideally designed for therapists, psychologists, sociologists, psychiatrists, researchers, educators, academicians, and professionals.

Topics Covered:

- Cyber Aggression
- Dating Violence
- Digital Media
- Emerging Adults
- Identity Development
- Mobile Addiction
- Negative Emotion
- Online Intimacy
- Rejection Sensitivity
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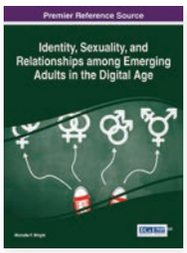

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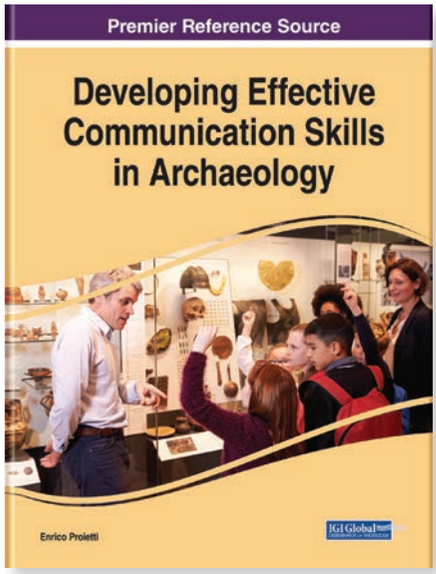

发展考古学中的有效沟通技巧

Part of the Advances in Religious and Cultural Studies Book Series

Prof. Enrico Proietti (Ministry for Cultural Heritage and Activities and for Tourism, Italy)

Description:

Communicating archaeological heritage at the institutional level reflects on the current status of archeology, and a lack of communication between archaeologists and the general public only serves to widen the gap of understanding. As holders of this specific scientific expertise, effective openness and communication is essential to understanding how a durable future can be built through comprehension of the past and the importance of heritage sites and collections.

Developing Effective Communication Skills in Archaeology is an essential research publication that examines archeology as a method for present researchers to interact and communicate with the past, and as a methods for identifying the overall trends in the needs of humanity as a whole. Presenting a vast range of topics such as digital transformation, artificial intelligence, and heritage awareness, this book is essential for archaeologists, journalists, heritage managers, sociologists, educators, anthropologists, museum curators, historians, communication specialists, industry professionals, researchers, academicians, and students.

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Topics Covered:

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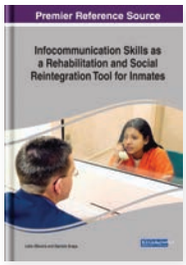

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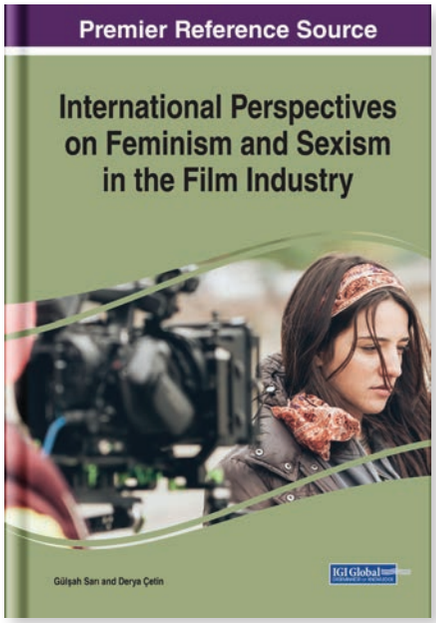

Description:

Gender studies has maintained its status as a heavily researched field. However, women and their role in cinema is a vastly understudied topic that deals with various aspects of feminism and sexism. The function of women in the film industry has evolved over time and proven to be an interesting area of research regarding the transition from sexual icons to respected professionals. Feminism is a widely researched subject, yet its specific application within cinema is an area that has yet to be studied.

International Perspectives on Feminism and Sexism in the Film Industry is an essential reference source that examines the representation of women in cinema and provides a feminist approach to various aspects of the film industry including labor, production, and the cultural impact of women in motion pictures. Featuring research on topics such as violence against women, feminist film theory, and psychoanalysis, this book is ideally designed for directors, industry professionals, writers, screenwriters, activists, professors, students, administrators, and researchers in fields that include film studies, gender studies, mass media, and communications.

Topics Covered:

- Alternative Representation
- Feminist Film Theory
- Feminist History
- Labor
- Patriarchy
- Psychoanalysis
- Social Position
- Violence Against Women
- Women Directors
- Women in Hollywood

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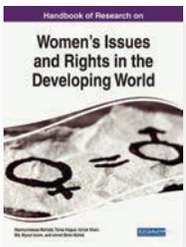

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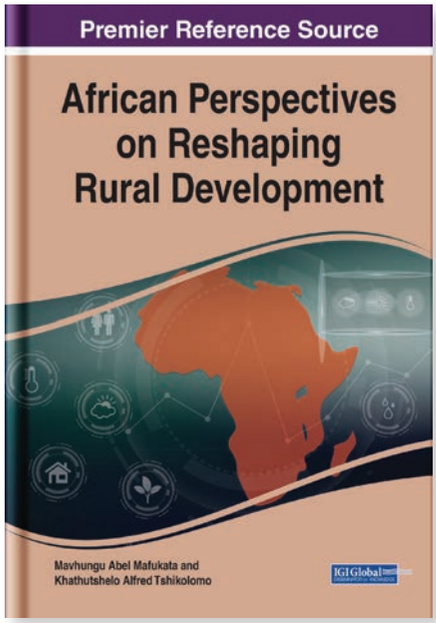

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Description:

Development studies in developing regions such as Southern Africa rely heavily on materials developed by Europeans with a European context. European dominance in development studies emanates from the fact that the discipline was first developed by Europeans. Some argue that this has led to distortions in theory and practice of development in Southern Africa. This book wishes to begin Africa's expedition to develop proper material to de-Westernize while Africanizing the context of the scholarship of rural development.

African Perspectives on Reshaping Rural Development is an essential reference source that repositions the context of rural development studies from the Western-centric knowledge system into an African context in order to solve African-centered problems. Featuring research on topics such as food security, poverty reduction, and community engagement, this book is ideally designed for planners, researchers, practitioners, policymakers, government officials, academicians, and students seeking clarity on theory and practice of development in Africa.

Topics Covered:

- Community Engagement
- Entrepreneurship
- Food Security
- Governance Affairs
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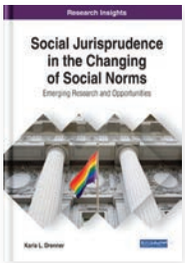

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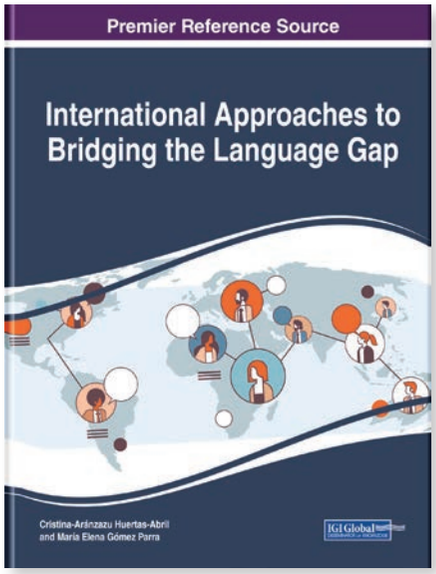

Description:

In the age of information, an essential priority in the context of international education is the development of language learning and its inconsistencies. The gap between language and education has intermittently grown through time, with mistaken assumptions about how linguistic shortcomings are being solved around the world. Research on comparative educational approaches to teaching verbiage and the foundation of future language development are instrumental in positively impacting the global narrative of dialectal education.

International Approaches to Bridging the Language Gap is a collection of innovative research on the methods and applications of second language teaching as well as social developments regarding intercultural learning. While highlighting topics including curricular approaches, digital competence, and linguistic disparities, this book is ideally designed for language instructors, linguists, teachers, researchers, public administrators, cultural centers, policymakers, government officials, academicians, researchers, and students seeking current research on the latest advancements of multilingual education.

Topics Covered:

- Bilingual Education
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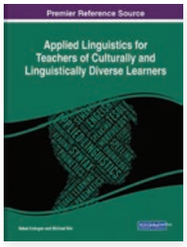

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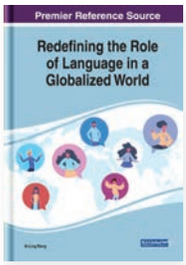

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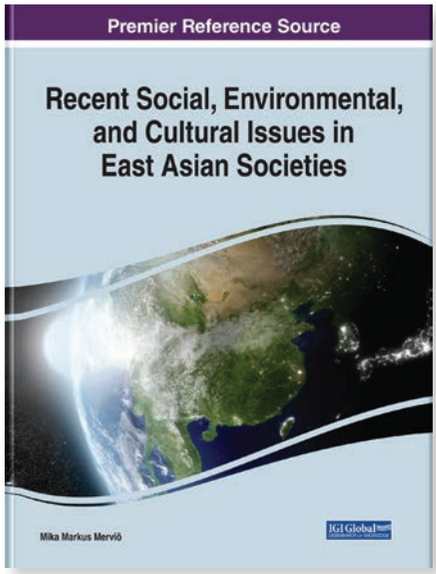

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Prof. Mika Markus Merviö (Kibi International University, Japan)

Description:

East Asian societies continue to react to developments occurring in the Western part of the world as well as influence development elsewhere due to the global reach of East Asian economies and the increased political weight of East Asian societies. These systems have distinctive features often connected with local social and cultural traditions. However, these traditions are constantly being reinterpreted, and the changing meanings attached to them must be taken into account.

Recent Social, Environmental, and Cultural Issues in East Asian Societies is an essential research book that explores various social, environmental, and cultural issues challenging modern East Asian cultures and their implications on society. Featuring a wide range of topics such as local identity, social risk, and government policy, this book is ideal for researchers, policymakers, sociologists, managers, anthropologists, politicians, diplomats, academicians, and students.

Topics Covered:

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- Sanitation Development
- Social Risk

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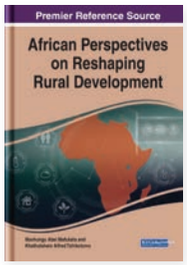

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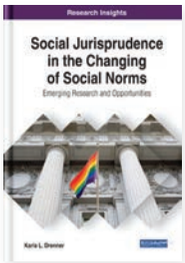

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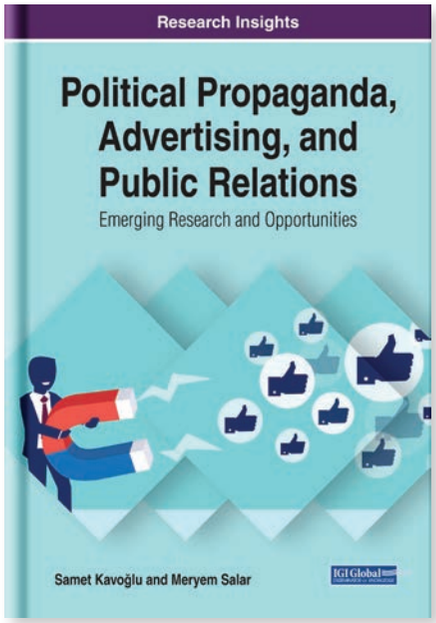

Description:

Public opinion is an important factor affecting the political decision-making process. In almost every community, the ones in power—no matter what type of political system is established—want to be aware of the ideas and opinions of the rules regarding policies that they have implemented. The factors that take part in the determination of public opinion must be explored further.

Political Propaganda, Advertising, and Public Relations: Emerging Research and Opportunities is an essential reference source that discusses public opinion on policies as well as political communication activities. Featuring research on topics such as campaign management, branding, and political marketing, this book is ideally designed for campaign managers, social media mangers, government officials, advertisers, media consultants, public relations specialists, researchers, politicians, academicians, and students seeking coverage on current technological trends and political communication.

Topics Covered:

- Biased Media
- Branding
- Campaign Management
- Content Creation
- Crisis Management
- Leadership Roles
- Online Engagement
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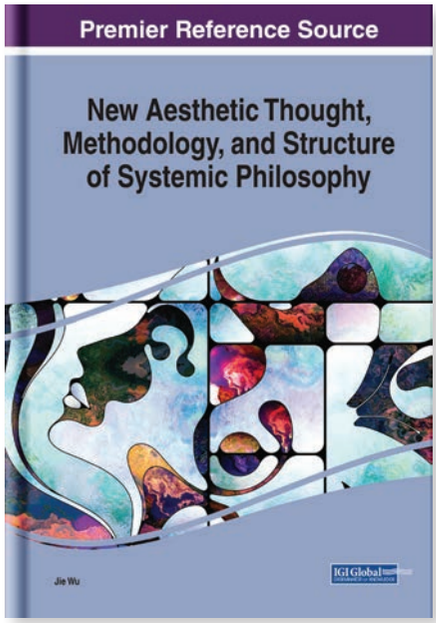

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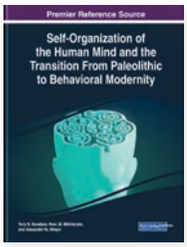

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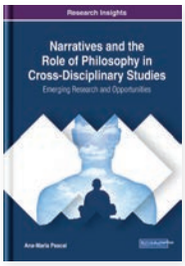

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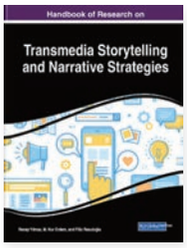

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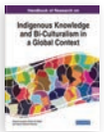

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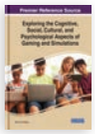

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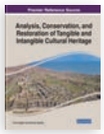

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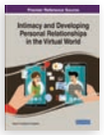

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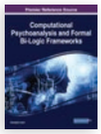

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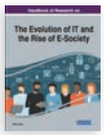

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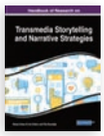

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