

Advanced Concepts, Methods, and Applications in Semantic Computing

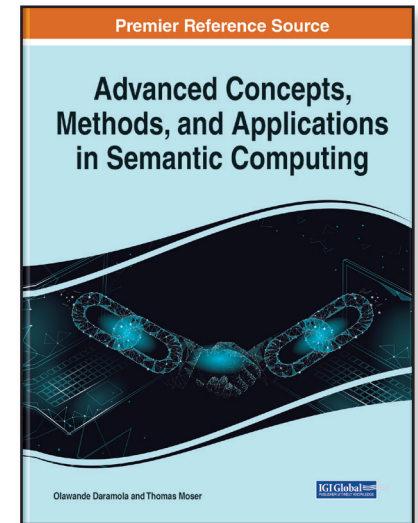
Part of the Advances in Computational Intelligence and Robotics Book Series

Olawande Daramola (Cape Peninsula University of Technology, South Africa) and Thomas Moser (St. Pölten University of Applied Sciences, Austria)

Description:

Semantic computing is critical for the development of semantic systems and applications that must utilize semantic analysis, semantic description, semantic interfaces, and semantic integration of data and services to deliver their objectives. Semantic computing has enormous capabilities to enhance the efficiency and throughput of systems that are based on key emerging concepts and technologies such as semantic web, internet of things, blockchain technology, and knowledge graphs. Thus, research that expounds advanced concepts, methods, technologies, and applications of semantic computing for solving challenges in real-world domains is vital.

Advanced Concepts, Methods, and Applications in Semantic Computing is a scholarly reference book that provides a sound theoretical foundation for the application of semantic methods, concepts, and technologies for practical problem solving. It is designed as a comprehensive and reliable resource on how semantic-oriented approaches can be used to aid new emergent technologies and tackle real-world problems. Covering topics that include deep learning, machine learning, blockchain technology, and semantic web services, this book is ideal for professionals, academicians, researchers, and students working in the field of semantic computing in various disciplines, including but not limited to software engineering, systems engineering, knowledge engineering, electronic commerce, computer science, and information technology.



ISBN: 9781799866978

Pages: 305

Copyright: 2021

Release Date: December, 2020

Hardcover: \$215.00

Softcover: \$165.00

E-Book: \$215.00

Hardcover + E-Book: \$260.00

Topics Covered:

Blockchain Technology
Data Integration
Deep Learning
Internet of Things
Machine Learning

Semantic Analysis
Semantic Computing
Semantic Sentiment Analysis
Semantic Web Services

Subject: Computer Science and Information Technology

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: www.igi-global.com

Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA