

An Excellent Addition to Your Library!

Released: November 2012

Management Theories and Strategic Practices for Decision Making

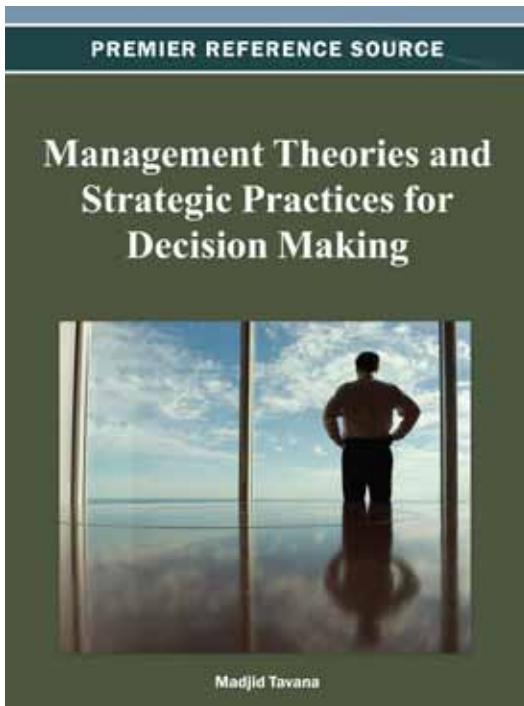
Madjid Tavana (La Salle University, USA)

There is an immense amount of information to be considered when attempting to solve complex strategic problems. To recognize the complexity of this process, the creation of tools and techniques are essential to aid decision makers in developing a rational model for strategy evaluation.

Management Theories and Strategic Practices for Decision Making brings together a collection of research aiming to provide communication for the management of new methodologies to solve strategic problems and applying decision making approaches. This reference is useful for government agencies, practicing managers, academic and research institutions interested in bringing together strategic decision-making and decision sciences.

Topics Covered:

- Complexity Theory
- Decision Analysis
- Decision Support Systems
- Information Technology
- Knowledge –Based Systems
- Neural Networks
- Supply Chain Management



ISBN: 9781466624733; © 2013; 470 pp.

Print: US \$175.00 | Perpetual: US \$265.00 | Print + Perpetual: US \$350.00

Pre-pub Discount:*

Print: US \$165.00 | Perpetual: US \$250.00

* Pre-pub price is good through one month after publication date.

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Madjid Tavana is a Professor of Business Systems and Analytics and the Lindback Distinguished Chair of Information Systems and Decision Sciences at La Salle University where he served as Chairman of the Management Department and Director of the Center for Technology and Management. He has been a Distinguished NASA Research Fellow at Kennedy Space Center, Johnson Space Center, Naval Research Laboratory - Stennis Space Center, and Air Force Research Laboratory. He was recently honored with the prestigious Space Act Award by NASA. He holds an MBA, a PMIS, and a PhD in Management Information Systems and received his post-doctoral diploma in strategic information systems from the Wharton School of the University of Pennsylvania. He is the Editor-in-Chief for Decision Analytics, the *International Journal of Strategic Decision Sciences*, the *International Journal of Enterprise Information Systems*, and the *International Journal of Applied Decision Sciences*. He has published over one hundred research papers in academic journals such as *Decision Sciences*, *Information Systems*, *Interfaces*, *Annals of Operations Research*, *Omega*, *Information and Management*, *Expert Systems with Applications*, *European Journal of Operational Research*, *Journal of the Operational Research Society*, *Computers and Operations Research*, *Knowledge Management Research and Practice*, *Computers and Industrial Engineering*, *Applied Soft Computing*, *Journal of Advanced Manufacturing Technology*, and *Advances in Engineering Software*, among others.



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988

Section 1: Strategic Decision Support Systems and Data Management

Chapter 1

A Decision Support Architecture for Maritime Operations Exploiting Multiple METOC Centres and Uncertainty
Grasso Raffaele (NATO Undersea Research Centre, Italy)
Cococcioni Marco (NATO Undersea Research Centre, Italy)
Rixen Michel (NATO Undersea Research Centre, Italy)
Baldacci Alberto (NSIGHT SAS, Italy)

Chapter 2

Searching for Pareto-Optimal Settlements in Negotiations:
Neves Joao S. (The College of New Jersey, USA)
Nakhai Behnam (Millersville University of Pennsylvania, USA)

Chapter 3

Strategic Diffusion of Information and Preference Manipulation
Di Caprio Debora (York University, Canada)
Santos-Arteaga Francisco J. (Universidad Complutense de Madrid, Spain)

Chapter 4

Determination of the Number of Clusters in a Data Set:
Boone Derrick S. (Wake Forest University - Schools of Business, USA)

Chapter 5

The Application of Data Mining to Evaluate the Cost-Effectiveness of Alternative Treatment Modalities in a National Medicare Database
Sharkey Phoebe D. (Loyola University Maryland, USA)
Hsu Wesley (Wake Forest Baptist Medical Center, USA)
Batra Sachin (Johns Hopkins Hospital, USA)
Rigamonti Daniele (Johns Hopkins Hospital, USA)

Section 2: Applied Strategic Decision Support Systems

Chapter 6

Third Party Logistics:
Gupta Omprakash K. (University of Houston-Downtown, USA)
Ali S. Samar (Fortune Institute of International Business, India)
Dubey Rameshwar (Asian Council of Logistics Management, India)

Chapter 7

Maintenance Strategy Evaluation Using ANP and Goal Programming
Jajimoggala Sarojini (GITAM University, India)
Rao V. V. S. Kesava (Andhra University, India)
Satyanarayana Beela (Andhra University, India)

Chapter 8

Backward and Forward Linkages in Chinese Steel Industry Using Input Output Analysis
Wang Lafang (Hunan University, China)
Xie Rui (Hunan University, China)
Liu Jun (Hunan University, China)

Chapter 9

Technical Note: The South Eastern and Chatham Railways Managing Committee:
Schimmelpfennig Jörg (Ruhr-Universität Bochum, Germany)

Section 3: Strategic Inventory Management

Chapter 10

Pricing and Replenishment Policies for Imperfect Quality Deteriorating Items under Inflation and Permissible Delay in Payments
Jaggi Chandra K. (University of Delhi, India)
Goel Satish K. (University of Delhi, India)
Mittal Mandeep (Amity School of Engineering and Technology, India)

Chapter 11

Optimal Ordering Strategy of a Replenishment Policy for Deteriorating Items under Retailer's Partial Trade Credit Policy
Mahata Gour Chandra (Sitananda College, India)
Mahata Puspa (Srikrishna College, India)

Chapter 12

Explaining Involuntary Spinoffs from Teams
Rao T. V. S. Ramamohan (Indian Institute of Technology, Kanpur, India)

Chapter 13

Fuzzy Economic Production Quantity Model for Weibull Deteriorating Items with Ramp Type of Demand
Valliathal M. (Chikkaiah Naicker College, India)
Uthayakumar R. (Gandhigram Rural University, India)

Chapter 14

Retailer's Ordering Policy in a Supply Chain when Demand is Price and Credit Period Dependent
Jaggi Chandra K. (University of Delhi, India)
Kausar Amrina (University of Delhi, India)

Section 4: Strategic Process Management

Chapter 15

Optimal Thresholds of an Infinite Buffer Discrete-Time Two-Server System with Triadic Policy
Goswami Veena (KIT University, India)
Mund G. B. (KIT University, India)

Chapter 16

Two-Facility Location Problem with Infinite Retrieval Queue
Teimoury Ebrahim (Iran University of Science and Technology, Iran)
Yazdi Mohammad Modarres (Sharif University of Technology, Iran)
Khondabi Iman Ghaleh (ETKA Center of Advanced Science and Technology, Iran)
Fathi Mahdi (Iran University of Science and Technology, Iran)

Chapter 17

A Logit Model for Budget Allocation Subject to Multi Budget Sources
Bagloee Saeed A. (Parsons Overseas Limited, UAE)
Reddick Christopher G. (The University of Texas at San Antonio, USA)

Section 5: Strategic Supply Chain Management

Chapter 18

Mapping the Critical Links between Supply Chain Evaluation System and Supply Chain Integration Sustainability:
Radhakrishnan Abirami (Morgan State University, USA)
David Dessa (Morgan State University, USA)
Hales Douglas (The University of Rhode Island, USA)
Sridharan V. Sri (Clemson University, USA)

Chapter 19

Cost Framework for Evaluation of Information Technology Alternatives in Supply Chain
Pathak Jagdish (University of Windsor, Canada)
Vidyarthi Navneet (Concordia University, Canada)

Chapter 20

Effectiveness of Inter-Organizational Systems in Global Manufacturing:
Leu Jun-Der (National Central University, Taiwan)
Huang Yu-Tsung (Kaulin Manufacturing Company, Taiwan)
Huang Li-Ting (Chang Gung University, Taiwan)

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

Credit Card Mastercard Visa Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____