

International Journal Of Management Science

"This book reviews recent advances in the e-collaboration discipline with a focus on virtual teams, firm performance, social capital formation, and Web-based communities"--Provided by publisher.

"This book examines related research in decision, management, and other behavioral sciences in order to exchange and collaborate on information among business, industry, and government, providing innovative theories and practices in operations research"--Provided by publisher.

This proceedings volume contains selected papers presented at the 2014 International Conference on Education Management and Management Science (ICEMMS 2014), held August 7-8, 2014, in Tianjin, China. The objective of ICEMMS2014 is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the wo

Ubiquitous Developments in Knowledge Management: Integrations and Trends
International Journal of Knowledge Management

Supply Chain Risk Management
A Comprehensive Text with Models, Applications, References and DEA-Solver Software

Encyclopedia of Business Analytics and Optimization
Strategic Information Systems: Concepts, Methodologies, Tools, and Applications

Issues in Industrial Relations and Management: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Management Research. The editors have built Issues in Industrial Relations and Management: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Management Research in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Industrial Relations and Management: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

"This 4-volume set provides a compendium of comprehensive advanced research articles written by an international collaboration of experts involved with the strategic use of information systems"--Provided by publisher.

As the age of Big Data emerges, it becomes necessary to take the five dimensions of Big Data- volume, variety, velocity, volatility, and veracity- and focus these dimensions towards one critical emphasis - value. The Encyclopedia of Business Analytics and Optimization confronts the challenges of information retrieval in the age of Big Data by exploring recent advances in the areas of knowledge management, data visualization, interdisciplinary communication, and others. Through its critical approach and practical application, this book will be a must-have reference for any professional, leader, analyst, or manager interested in making the most of the knowledge resources at their disposal.

Proceedings of the Sixth International Conference on Management Science and Engineering Management
Concepts, Methodologies, Tools, and Applications

Theories, methods and practices from Germany and China
Management Science

Risk Management of Supply and Cash Flows in Supply Chains

This volume systematically details both the basic principles and new developments in Data Envelopment Analysis (DEA), offering a solid understanding of the methodology, its uses, and its potential. New material in this edition includes coverage of recent developments that have greatly extended the power and scope of DEA and have lead to new directions for research and DEA uses. Each chapter accompanies its developments with simple numerical examples and discussions of actual applications. The first nine chapters cover the basic principles of DEA, while the final seven chapters provide a more advanced treatment.

Find out how accurate forecasting and analysis can prevent costly mistakes! Management Science Applications in Tourism and Hospitality examines innovative tools for evaluating performance and productivity in tourism offices, hotels, and restaurants. This collection of recent studies focuses on two important topics of management science: forecasting and a relatively new analytical methodology called data envelopment analysis (DEA). This book will show you how tourism forecasting accuracy can be enhanced and how DEA can be used to benchmark productivity and improve advertisement efficiency. Management Science Applications in Tourism and Hospitality provides you with a useful blend of analysis from both theory and real-data perspectives. This book uses case studies, application techniques, and expert advice to review various productivity measurement methods and compare them to DEA, revealing DEA's strengths, weaknesses, and its potential in the operating environment. With Management Science Applications in Tourism and Hospitality, you'll be able to: utilize destination benchmarking perform multiunit restaurant productivity assessments using DEA conduct hotel labor productivity assessments using DEA measure and benchmark productivity in the hotel sector using DEA model tourism demand use an improved extrapolative hotel room occupancy rate forecasting technique forecast short-term planning and management for a casino buffet restaurant apply city perception analysis (CPA) for destination positioning decisions This book is generously enhanced with tables and figures to substantiate the research. Management Science Applications in Tourism and Hospitality is valuable for hospitality and tourism educators and graduate students learning and doing research in operation analysis. Savvy executives and professionals who want to improve efficiency in their industry will also benefit from the techniques illustrated in this timely guide.

Welcome to the proceedings of the Sixth International Conference on Management Science and Engineering Management (ICMSEM2012) held from November 11 to 14, 2012 at Quaid-i-Azam University, Islamabad, Pakistan and supported by Sichuan University (Chengdu, China), Quaid-i-Azam University (Islamabad, Pakistan) and The National Natural Science Foundation of China. The International Conference on Management Science and Engineering Management is the annual conference organized by the International Society of Management Science and Engineering Management. The goals of the Conference are to foster international research collaborations in Management Science and Engineering Management as well as to provide a forum to present current research results. The papers are classified into 8 sections: Computer and Networks, Information Technology, Decision Support System, Industrial Engineering, Supply Chain Management, Project Management, Manufacturing and Ecological Engineering. The key issues of the sixth ICMSEM cover various areas in MSEM, such as Decision Support System, Computational Mathematics, Information Systems, Logistics and Supply Chain Management, Relationship Management, Scheduling and Control, Data Warehousing and Data Mining, Electronic Commerce, Neural Networks, Stochastic models and Simulation, Heuristics Algorithms, Risk Control, and Carbon Credits.

Omega

Discriminatory Pricing of Over-the-Counter Derivatives

Focused on Electrical and Information Technology

Essays in Honor of Charles S. Tapiero

International Journal of Information Technologies and Systems Approach

Computational Intelligence in Flow Shop and Job Shop Scheduling

This book covers important issues related to managing supply chain risks from various perspectives. Supply chains today are vulnerable to disruptions with a significant impact on firms' business and performance. The aim of supply chain risk management is to identify the potential sources of risks and implement appropriate actions in order to mitigate supply chain disruptions. This book presents a set of models, frameworks, strategies, and analyses that are essential for managing supply chain risks. As a comprehensive collection of the latest research and most recent cutting-edge developments on supply chain risk and its management, the book is structured into three main parts: 1) Supply Chain Risk Management; 2) Supply Chain Vulnerability and Disruptions Management; and 3) Toward a Resilient Supply Chain. Leading academic researchers as well as practitioners have contributed chapters, combining theoretical findings and research results with a practical and contemporary view on how companies can manage the supply chain risks and disruptions, as well as how to create a resilient supply chain. This book can serve as an essential source for students and scholars who are interested in pursuing research or teaching courses in the rapidly growing area of supply chain risk management. It can also provide an interesting and informative read for managers and practitioners who need to deepen their knowledge of effective supply chain risk management.

Advances in IT have transformed the way organizations interact with each other. To enable organizations to respond to this change, new management paradigms have evolved. This text looks at the value of knowledge management in supply chain management and how supply chain partners can use IT to improve organizational performance.

Die Inhalte und Methoden, die chinesische Forscher in Feld der Wirtschaftswissenschaften bearbeiten und verwenden, sind trotz des intensivierten wissenschaftlichen Austauschs noch immer weitgehend unbekannt in Deutschland. Der Herausgeberband "Technology and Innovation Management: Theories, Methods and Practices from Germany and China" gibt einen aktuellen Einblick in die Themengebiete, mit denen sich chinesische Wissenschaftler im Bereich der Technologieforschung in China und Deutschland beschäftigen und stellen diesen die aktuellen Forschungsgegenstände namhafter Vertreter der Forschung in diesem Bereich aus Deutschland gegenüber. Es entsteht ein informatives Bild der wichtigsten Zielrichtungen und Projekte, mit denen sich die Wissenschaftler aus den beiden Ländern inhaltlich und methodisch beschäftigen.

Data Envelopment Analysis
Foundations and Innovations

The Routledge Companion to Production and Operations Management

International Journal of Applied Management Sciences and Engineering (IJAMSE).

International Journal of Service Science, Management, Engineering, and Technology (Vol. 2, No. 4)

Customer Knowledge Management: People, Processes, and Technology

The International Journal of Information Systems for Crisis Response and Management (IJISCRAM) is an academically rigorous outlet for research into crisis response and management. It is focused on the design, development, implementation, use and evaluation of IS technologies and methodologies to support crisis response and management. It explores issues critical to the application of IS to crisis response and management. This journal covers all aspects of the crisis management information systems discipline, from organizational issues to technology support to decision support and knowledge representation. High quality submissions are encouraged using any qualitative or quantitative research methodology, focusing on the design, development, implementation, use, and evaluation of such systems.

The second edition of this textbook comprehensively discusses global supply-chain and operations management, combining value creation networks and interacting processes. It focuses on the operational roles in the networks and presents the quantitative and organizational methods needed to plan and control the material, information and financial flows in the supply chain. Each chapter starts with an introductory case study, and numerous examples from various industries and services help to illustrate the key concepts. The book explains how to design operations and supply networks and how to incorporate suppliers and customers. It also examines matching supply and demand, which is a core aspect of tactical planning, before turning to the allocation of resources for fulfilling customer demands. This second edition features three new chapters: "Supply Chain Risk Management and Resilience", "Digital Supply Chain, Smart Operations, and Industry 4.0", and "Pricing and Revenue-Oriented Capacity Allocation". These new chapters provide the structured knowledge on the principles, models, and technologies for managing the supply-chain risks and improving supply-chain and operations performance with the help of digital technologies such as Industry 4.0, additive manufacturing, Internet-of-Things, advanced optimization methods and predictive analytics. The existing chapters have been updated and new case studies have been included. In addition, the preface provides guidelines for instructors on how to use the material for different courses in supply-chain and operations management and at different educational levels, such as general undergraduate, specialized undergraduate, and graduate courses. The companion website www.global-supply-chain-management.de has also been updated accordingly. In addition, the book is now supported by e-manuals for supply-chain and operations simulation and optimization in AnyLogic and anyLogistix. Providing readers with a working knowledge of global supply-chain and operations management, with a focus on bridging the gap between theory and practice, this textbook can be used in core, special and advanced classes. It is intended for broad range of students and professionals involved in supply-chain and operations management.

International Journal of Applied Management Sciences and Engineering (IJAMSE).OmegaThe International Journal of Management ScienceData Envelopment AnalysisA Comprehensive Text with Models, Applications, References and DEA-Solver SoftwareSpringer Science & Business Media

Journal of Database Management (Vol 23 ISS 1)

Proceedings of the International Conference on Education Management and Management Science (ICEMMS 2014), August 7-8, 2014, Tianjin, China

Volume 1, issue 3, July-September 2010

Current and Future Trends

New Contexts, Themes and Challenges

Theory and Application of Industrial Engineering

With this book, distinguished and notable contributors wish to honor Professor Charles S. Tapiero's scientific achievements. Although it covers only a few of the directions Professor Tapiero has taken in his work, it presents important modern developments in theory and in diverse applications, as studied by his colleagues and followers, further advancing the topics Tapiero has been investigating. The book is divided into three parts featuring original contributions covering the following areas: general modeling and analysis; applications to marketing, economy and finance; and applications to operations and manufacturing. Professor Tapiero is among the most active researchers in control theory; in the late sixties, he started to enthusiastically promote optimal control theory along with differential games, successfully applying it to diverse problems ranging from classical operations research models to finance, risk and insurance, marketing, transportation and operations management, conflict management and game theory, engineering, regional and urban sciences, environmental economics, and organizational behavior. Over the years, Professor Tapiero has produced over 300 papers and communications and 14 books, which have had a major impact on modern theoretical and applied research. Notable among his numerous pioneering scientific contributions are the use of graph theory in the behavioral sciences, the modeling of advertising as a random walk, the resolution of stochastic zero-sum differential games, the modeling of quality control as a stochastic competitive game, and the development of impulsive control methods in management. Charles Tapiero's creativity applies both in formulating original issues, modeling complex phenomena and solving complex mathematical problems.

Decision Analysis for Management Judgment is unique in its breadth of coverage of decision analysis methods. It covers both the psychological problems that are associated with unaided managerial decision making and the decision analysis methods designed to overcome them. It is presented and explained in a clear, straightforward manner without using mathematical notation. This latest edition has been fully revised and updated and includes a number of changes to reflect the latest developments in the field.

management, with a focus on bridging the gap between theory and practice, this textbook can be used in core, special and advanced classes. It is intended for broad range of students and professionals involved in supply-chain and operations management.

emerging research areas related to business performance measurement and management, e.g. SMEs and sustainability. As a result of the 1st International Summer School Piero Lunghi on "Perspectives of Business Performance Management" this book is written both for students and academics, as well as for practitioners looking for new, yet proven ways to measure and manage business performance.

International Journal of Management and Transformation: Vol.5, No.1

International Journal of Service Science, Management, Engineering, and Technology (IJSSMET)

Realising Systems Thinking: Knowledge and Action in Management Science

Global Supply Chain and Operations Management

Management Science for Energy Policy

Introduction to Internet of Things in Management Science and Operations Research

International Conference on Industrial Engineering and Engineering Management is sponsored by Chinese Industrial Engineering Institution, CMES, which is the unique national-level academic society of Industrial Engineering. The conference is held annually as the major event in this area. Being the largest and the most authoritative international academic conference held in China, it supplies an academic platform for the experts and the entrepreneurs in International Industrial Engineering and Management area to exchange their research results. Many experts in various fields from China and foreign countries gather together in the conference to review, exchange, summarize and promote their achievements in

Industrial Engineering and Engineering Management fields. Some experts pay special attention to the current situation of the related techniques application in China as well as their future prospect, such as Industry 4.0, Green Product Design, Quality Control and Management, Supply Chain and logistics Management to cater for the purpose of low-carbon, energy-saving and emission-reduction and so on. They also come up with their assumption and outlook about the related techniques' development. The proceedings will offer theoretical methods and technique application cases for experts from college and university, research institution and enterprises who are engaged in theoretical research of Industrial Engineering and Engineering Management and its technique's application in China. As all the papers are feathered by higher level of academic and application value, they also provide research data for foreign scholars who occupy themselves in investigating the enterprises and engineering management of Chinese style.

Paperback. Devoted to energy policy modelling, this book highlights and promotes the particular contribution of management science - in relation to and/or in contrast with the behavioural and engineering sciences - to the solution of energy policy related problems on international, national or industry levels.

This book presents the skills required in business and management careers. The management tools provided within this text can be very useful for beginners in the study of management area, as well as to those pursuing a managerial career in different types of organization. It serves as a refreshment in the management sciences foundations. Subjects such as accounting, marketing, human resources, operations, finance are treated in detail, giving the reader the background that can be applied to a variety of real world business situations. The book also covers the latest developments in management research activity, promoting discussion and the exchange of information on principles, strategies, models, techniques, methodologies and applications in the management and business area.

Proceedings of the 23rd International Conference on Industrial Engineering and Engineering Management 2016

Issues in Industrial Relations and Management: 2012 Edition

Management Science, Logistics, and Operations Research

Business Performance Measurement and Management

Decision Analysis for Management Judgment

Models and Methods in Economics and Management Science

New regulatory data reveal extensive price discrimination against non-financial clients in the FX derivatives market. The client at the 90th percentile pays an effective spread of 0.5%, while the bottom quarter incur transaction costs of less than 0.02%. Consistent with models of search frictions in over-the-counter markets, dealers charge higher spreads to less sophisticated clients. However, price discrimination is eliminated when clients trade through multi-dealer request-for-quote platforms. We also document that dealers extract rents from captive clients and market opacity, but only for contracts negotiated bilaterally with unsophisticated clients.

"This book introduces an integrated approach to analyzing and building customer knowledge management (CKM) synergy from distinctive core advantages found in key organizational elements"--Provided by publisher.

"This book aims to provide relevant theoretical frameworks and the latest empirical research findings in Internet of Things (IoT) in Management Science and Operations Research. It starts with basic concept and present cases, applications, theory, and potential future. The contributed chapters to the book cover wide array of topics as space permits. Examples are from smart industry; city; transportation; home and smart devices. They present future applications, trends, and potential future of this new discipline. Specifically, this book provides an interface between the main disciplines of engineering/technology and the organizational administrative and planning capabilities of managing IoT. This book deals with the implementation of latest IoT research findings in practice at the global economy level, at networks and organizations, at teams and work groups and, finally, IoT at the level of players in the networked environments.

This book is intended for professionals in the field of engineering, information science, mathematics, economics, and researchers who wish to develop new skills in IoT, or who employ the IoT discipline as part of their work. It will improve their understanding of the strategic role of IoT at various levels of the information and knowledge organization. The book is complemented by a second volume of the same editors with practical cases.

International Journal of Information Systems for Crisis Response and Management
Education Management and Management Science

People, Processes, and Technology

International Journal of Sustainable Economies Management (IJSEM).

International Journal of Information and Management Sciences

A Decision-Oriented Introduction to the Creation of Value

For over fifty years now, the famous problem of flow shop and job shop scheduling has been receiving the attention of researchers in operations research, engineering, and computer science. Over the past several years, there has been a spurt of interest in computational intelligence heuristics and metaheuristics for solving this problem. This book seeks to present a study of the state of the art in this field and also directions for future research.

The International Journal of Service Science, Management, Engineering, and Technology (IJSSMET) is a multidisciplinary journal that publishes high-quality and significant research in all fields of computer science, information technology, software engineering, soft computing, computational intelligence, operations research, management science, marketing, applied mathematics, statistics, policy analysis, economics, natural sciences, medicine, and psychology, among others. This journal publishes original articles, reviews, technical reports, patent alerts, and case studies on the latest innovative findings of new methodologies and techniques.

"This book presents current research in Knowledge Management, highlighting new technologies, approaches, issues, solutions, or cases that can help an organization implement a knowledge management initiative or provide a knowledge base"--Provided by publisher.

Technology and Innovation Management

Advanced Tools, Models, and Developments

International Journal of Service Science, Management, Engineering, and Technology, Vol 3 Iss 4

Implemented Studies

Integrating Critical Perspectives in Theory and Practice

E-Collaboration Technologies and Organizational Performance: Current and Future Trends

This remarkable volume highlights the importance of Production and Operations Management (POM) as a field of study and research contributing to substantial business and social growth. The editors emphasize how POM works with a range of systems—agriculture, disaster management, e-commerce, healthcare, hospitality, military systems, not-for-profit, retail, sports, sustainability, telecommunications, and transport—and how it contributes to the growth of each. Martin K. Starr and Sushil K. Gupta gather an international team of experts to provide researchers and students with a panoramic vision of the field. Divided into eight parts, the book presents the history of POM, and establishes the foundation upon which POM has been built while also revisiting and revitalizing topics that have long been essential. It examines the significance of processes and projects to the fundamental growth of the POM field. Critical emerging themes and new research are examined with open minds and this is followed by opportunities to interface with other business functions. Finally, the next era is discussed in ways that combine practical skill with philosophy in its analysis of POM, including traditional and nontraditional applications, before concluding with the editors' thoughts on the future of the discipline. Students of POM will find this a comprehensive, definitive resource on the state of the discipline and its future directions.

This book deals with the contribution of a systems approach to a range of disciplines from philosophy and biology to social theory and management. It weaves together material from some of the pre-eminent thinkers of the day. In doing so it creates a coherent path from fundamental work on philosophical issues of ontology and epistemology through specific domains of knowledge about the nature of information and meaning, human communication, and social intervention.

Risk management has become an essential issue in supply chain management, from the modeling of the decision maker's risk preference, and the studies on uncertain elements such as demand, supply, price, lead time, etc., to the consideration of more practical background including cash flow constraints, inventory financing and delayed cash payment. In this new volume, the authors provide a framework to study the interaction of various factors related to risk and their influence on supply chain management. The scope of areas covered includes operations management, decision analysis, and business administration. This book focuses on several key issues of risk management in supply chains. Specifically, an analysis framework is presented for studying the supplier selection problem and identifying the optimal sourcing strategy in a one-retailer two-suppliers supply chain with random yields. The optimal sourcing strategy of a retailer and the pricing strategies of two suppliers under an environment of supply disruption are investigated. Besides, the authors study the dynamic inventory control problems with cash flow constraints, financing decisions as well as delayed cash payment. In addition, originating from the annual international iron ore price negotiation, the authors model the bargaining process to deal with the risk of wholesale price in the game analysis context. Within the three perspectives of risk management in supply chains, the modeling of decision maker's risk preference has been extensively studied and many results have been obtained to guide the practice. However, the analysis on the other two kinds of topics is still in its infancy, and needs more efforts from academia. It is thus the ambition and innovation for this book to contribute on risk management in supply chains in the following ways: (1) characterizing the explicit sourcing strategy (i.e., single sourcing or dual sourcing) to deal with supply disruption risk; (2) introducing the concepts of financial risk measurement by incorporating cash flow constraints, inventory financing and delayed cash payment into inventory management models; and (3) providing insights for the iron ore price negotiation to help steel manufacturers handle the risk of price increase.

Issue 2

Supply Chain Management and Knowledge Management

Management Science Applications in Tourism and Hospitality

Integrations and Trends