Topics in Lean Supply Chain Management (2nd Edition)
by Marc Schniederjans (University of Nebraska-Lincoln, USA), Dara Schniederjans (University of Rhode Island, USA), Ray Qing Cao (University of Houston-Downtown, USA) & Vicky Ching Gu (University of Houston-Clear Lake, USA)

The purpose of this book is to describe how lean and supply chain management can be combined to achieve world-class business performance. To accomplish this purpose, the book contains both basic material on lean and supply chain management, as well as content from current journal research findings, strategies, issues, concepts, philosophies, procedures, methodologies, and practices in managing a lean supply chain. Presented in a topical fashion, the chapters deal with a wide-range of subjects that support, nurture, and advance principles, concepts, and methodologies of lean supply chain management.

432pp Apr 2018
978-981-3229-92-1 US$138 £121

Managing Supply Chain Operations
by Lei Lei (Rutgers University, USA), Leonardo DeCandia (Johnson & Johnson, USA) & Rosa Oppenheim & Yao Zhao (Rutgers University, USA)

“This book is suitable for courses at the MBA core level, PGDIBO students who are pursuing International Business at PG level, MS in supply chain management level, upper undergraduate level, and also suitable for executive education. The book is very constructive for managers involved in creating, optimizing or redesigning a supply chain. Readers after reading would unquestionably have say to, the supply chain decision-making process and build academic orientation in logistics.”

Global Journal of Enterprise Information System

This book combines theory and practice in presenting the concepts necessary for strategic implementation of supply chain management techniques in a global environment.

304pp May 2017
978-981-3108-79-0 US$98 £81

Advances and Opportunities with Big Data and Analytics - Vol 2
Future Automation
Changes to Lives and to Businesses
by Timothy E Carone (University of Notre Dame, USA)

“This Future Automation is a mind-expanding experience in the form of a book. It helps me envision what's next for rapidly changing business models and to project the likely impact of autonomous systems on people and society. As a leader of talent programs for thousands of professionals, understanding and effectively navigating the nexus of humans and machines is critical to my firm’s ability to compete — both as a values- and people-based professional firm and as a prosperous business. Despite complexities addressed, the book is highly readable, as the authors provide compelling graphics and evocative analogies.”

Martin Fiore
Americas Tax Talent Leader, Ernst & Young LLP

This book describes the coming disruptions caused by autonomous systems (AS), which are unique blends of AI, analytics, and the Internet of Things (IoT).

232pp Nov 2018
978-981-3142-32-9 US$78 £65
978-981-3142-33-6(pbk) US$39 £32
This book takes a multidisciplinary approach to services and operational management challenges; it draws upon the theory and practice in many fields of study such as economics, management science, statistics, psychology, sociology, ethics and technology, to name a few. It contains chapters most textbooks do not include, such as ethics, management of public and non-profit service organizations, productivity and measurement of performance, routing and scheduling of service vehicles.

Economics of Incentives for Inter-Firm Innovation
by Yasuhiro Monden (Tsukuba University, Japan)

In the current environment of severe global competition, an uncertain business future as well as shorter product life cycles, companies have a pressing need to develop new products and businesses rapidly. In this book, the author expounds on his theories about inter-firm networks and incentive price systems as important mechanisms to encourage innovation. The theories in the book are richly illustrated by many case studies from the automobile, auto-parts, smartphone, semiconductor, convenience store and nuclear power electricity industries. Examples from the automobile industry account for more than half of the case studies because the author has accumulated much practical knowledge and experience from research and related activities in the Japanese automobile industry over several decades.

The Multi-Level Perspectives of Agribusiness
by Walter Amedzro St-Hilaire (University of Ottawa, Canada)

What is the business configurations in agribusiness system? Is not the power likely to focus on a restricted number of big manufacturers, and on a much more limited number of distributors? How to design the future role of the SME and producers? The book identifies the challenges of modern agribusiness in their globalities. The author anticipates stakeholder strategies and addresses socio-economic, political and management challenges: the changing environment of Agribusiness, the sectoral structure, challenges, and the requirements for successful execution of Agriproduction or changing strategies for existing the food distributors, as well as provides some recommendations.

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New & Notable Titles on Supply Chain Management & Operations Management

Building a Responsive and Flexible Supply Chain
by Yoshiteru Minagawa
(Nagoya Gakuin University, Japan)

This book identifies accounting-based management control system practices for managing integrated and flexible supply chains and increasing customer satisfaction. It further explores how a company can enhance its supply chain integration. The book considers the effects of allocating supply chain's joint profit and incentive alignment as managerial instruments to facilitate integration and cooperation among partners. Furthermore, the book examines how to flexibly manage integrated supply chains from the perspectives of the product/service lifecycle, partner switching, and strategic flexibility. It also examines the use of management accounting systems to improve customer satisfaction in supply chains. Management accounting practices examined in the book involve balanced scorecard, switching cost, target costing, value-based pricing, target-pricing, and quality costing.

176pp Oct 2018
978-981-3222-09-0 US$88 £75

Supply Ecosystems
Interconnected, Interdependent and Cooperative Operations, Supply and Contract Management
by Douglas Kinnis Macbeth
(University of Southampton, UK)

"The book Supply Ecosystems built on the supply chain concepts for the students who have got basic management/economics knowledge. It could be a guidebook for different levels of students and fulfil various student demands. As a lecturer, I use this book to deliver knowledge to different level/study background students and critical incidents and reflections."

Weixi Han
Nottingham Trent University, UK

This book provides a holistic view of how the whole of the supply side of a business can be coordinated and provide support to competitive advantage.

248pp Nov 2018
978-981-3223-07-3 US$88 £75

Textbook
Introduction to Workplace Safety and Health Management
A Systems Thinking Approach
by Yang Miang Goh
(National University of Singapore)

This book takes a systems-thinking approach to allow readers to understand how WSH is an integral part of any organisation. The different chapters are strung together by an overarching model of incident causation and underpinning models are presented to allow a strong conceptual foundation. Practical WSH knowledge are also discussed in relevant chapters to ensure that beginners have an introduction to the fundamentals of WSH hazards and controls. Besides the strong emphasis on conceptual framework, readers will also be exposed to the details of a WSH management system and practical WSH processes, hazards and controls. A series of online quizzes are available to readers to help them to reinforce the concepts of each chapter.

232pp Oct 2018
978-981-3274-11-2 US$98 £85
978-981-3274-25-9(pbk) US$58 £50

Textbook
Public Transportation Systems
Principles of System Design, Operations Planning and Real-Time Control
by Carlos Daganzo (University of California, Berkeley, USA) & Yanfeng Ouyang (University of Illinois at Urbana-Champaign, USA)

This unique book explains how to think systematically about public transportation through the lens of physics models. The book includes aspects of system design, resource management, operations and control. It presents both, basic theories that reveal fundamental issues, and practical recipes that can be readily used for real-world applications. The principles conveyed in this book cover not only traditional transit modes such as subways, buses and taxis but also the newer mobility services that are being enabled by advances in telematics and robotics.

350pp Apr 2019
978-981-3224-07-2 US$98 £86

Handbook
Handbook of Manufacturing
edited by Yong Huang (University of Florida, USA), Lihui Wang (KTH Royal Institute of Technology, Sweden) & Steven Y Liang (Georgia Institute of Technology, USA)

Handbook of Manufacturing provides a comprehensive overview of fundamental knowledge on manufacturing, covering various processes, manufacturing-related metrology and quality assessment and control, and manufacturing systems. Many modern processes such as additive manufacturing, micro- and nano-manufacturing, and biomedical manufacturing are also covered in this handbook. The handbook will help prepare readers for future exploration of manufacturing research as well as practical engineering applications.

700pp May 2019
978-981-3271-01-2 US$268 £235

Textbook
Managing Your Startup's New Product Development Projects
Practice Your Skills with Simulation-Based Training
by Avraham Shhtub (Technion Israel Institute of Technology, Israel) & Michael Rich

Teaching new product development is not an easy task. Part of the difficulty is the one-of-a-kind nature of these projects. This book and the software that comes with it (Project Team Builder) present a unique approach to the teaching and training of new product development — an approach based on a software tool that combines an interactive, dynamic case study and a simple yet effective Project Management System.

The book focuses on problems that a new product development team faces in planning, monitoring and controlling its projects. Together with the software, the book provides the user with the opportunity to experience complex new product development situations, understand the situation, develop alternative ways to cope with it and select the best alternative based on rigorous analysis.

150pp May 2019
978-981-3277-54-0 US$68 £60

Managing Innovation
What do We Know About Innovation Success Factors?
edited by Alexander Brem (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany & University of Southern Denmark, Denmark), Joe Tidd (University of Sussex, UK) & Tugrul Daim (Portland State University, USA)
Managing Innovation is a three-part series covering contemporary technology and innovation management research areas. Each volume comprises key articles from both the International Journal of Innovation Management and the International Journal of Innovation and Technology Management and provides an international, disciplinary approach across its broad coverage of topics.
Relevant for both academics and practitioners, this volume answers how organisations can develop innovative approaches from a perspective that encompasses technological advances, changes in the market and individual entrepreneurs.

354pp Apr 2019
978-1-78634-651-3 US$128 £115

Series on Technology Management
Managing Innovation
Understanding and Motivating Crowds
edited by Alexander Brem (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany & University of Southern Denmark, Denmark), Joe Tidd (University of Sussex, UK) & Tugrul Daim (Portland State University, USA)
Managing Innovation is a three-part series covering contemporary technology and innovation management research areas. Each volume comprises key articles from both the International Journal of Innovation Management and the International Journal of Innovation and Technology Management and provides an international, disciplinary approach across its broad coverage of topics.
Relevant for both academics and practitioners, this volume focuses on key aspects of crowd innovation including motivations, challenges and benefits of this approach.

412pp Apr 2019
978-1-78634-648-3 US$138 £120

Series on Technology Management
Managing Innovation
Internationalization of Innovation
edited by Alexander Brem (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany & University of Southern Denmark, Denmark), Joe Tidd (University of Sussex, UK) & Tugrul Daim (Portland State University, USA)
Managing Innovation is a three-part series covering contemporary technology and innovation management research areas. Each volume comprises key articles from both the International Journal of Innovation Management and the International Journal of Innovation and Technology Management and provides an international, disciplinary approach across its broad coverage of topics.
Relevant for both academics and practitioners, this volume looks at the international aspects of innovation with case studies from China, Germany, India and Russia.

320pp Apr 2019
978-1-78634-654-4 US$118 £105

World Scientific-Now Publishers Series in Business
Pricing Nonmarketed Goods using Distance Functions
by Dimitris Margaritis (University of Auckland, New Zealand) & Rolf Färe (Oregon State University, USA)
Written by production economics and finance specialists Rolf Färe and Shawna Grosskopf of Oregon State University and Dimitris Margaritis of the University of Auckland, Pricing Nonmarketed Goods using Distance Functions, is an inspiring new contribution highlighting the importance of duality theory for valuation purposes, especially for hard to price inputs or resources, intended or unintended goods and assets. The theoretical pricing models are supplemented by self-standing empirical applications covering real estate pricing, environmental preservation, transfer pricing, shadow prices of university knowledge outputs and spillovers, and the pricing of bank equity capital and non-performing loans.

220pp May 2019
978-981-3277-60-1 US$88 £75

Japanese Management and International Studies - Vol 14
Holistic Business Process Management
Theory and Practice
edited by Gunyung Lee (Nihara University, Japan), Masanobu Kosuga & Yoshiyuki Nagasaka (Kwansei Gakuin University, Japan)
Holistic Business Process Management focuses on building business process management (BPM) as a model to address the importance of BPM views, analyze the effectiveness of the approach, and study the research trends in BPM. The book includes case studies of Japanese and Korean companies and BPM models suitable for small and medium-sized enterprises (SMEs) anywhere in the world.

208pp Aug 2017
978-981-3209-83-1 US$98 £81

Series on Complexity Science - Vol 5
A Complexity Approach to Sustainability (2nd Edition)
Theory and Application
by Angela Espinosa (Hull University Business School, UK) & Jon Walker (Independent Researcher, UK)
Business sustainability and sustainable development are of great importance in modern-day socio-economic study. Despite this, the impact of recent contributions from systems and complexity sciences in addressing these issues has not yet filtered down into effective practice. This book argues that there is a need for urgency in the application of analytical tools which embody the principles of complexity management in sustainability research, in particular in the context of the global climate change. The approach presented is based on the concept of clusters of whole systems coming together through collaboration, in order to create larger wholes capable of dealing with the issues facing our socio-economic environmental systems.

584pp May 2017
978-1-78634-203-4 US$188 £156
Service Innovation for Sustainable Business
Stimulating, Realizing and Capturing the Value from Service Innovation
edited by Per Kristensson, Peter Magnusson & Lars Witell (Karlstad University, Sweden)

Service innovation is a concept that, for the last decays, has received increased attention both among academics as well as practitioners. Service innovation is, however, a multi-fragmented concept, which often induces confusion. The main purpose of the book is to discuss and explain what service innovation is, based on contemporary research. It explains service innovation from three different perspectives stimulation, realization, and value capture. Stimulation: Focus on the front-end of service innovation; Realization: Deals with aspects regarding how to realize service innovations; Value capture: Companies transiting to become more service oriented discover the need to reconsider old business models in order to capitalize on their service offerings.

300pp Mar 2019
978-981-3273-37-5 US$118 £105

Productivity in Singapore’s Retail and Food Services Sectors
Contemporary Issues
by Mun Heng Toh (NUS, Singapore) & Shandre Thangavelu (University of Adelaide, Australia)

This timely book includes major topics in services productivity in the Singapore context, with emphasis on Retail and Food Services. Topics covered include the key productivity levers of the services sectors: holistic productivity measurement framework, effective entrepreneurship, manpower management, promotion by social media, marketing, costing process and accounting sophistication. These areas are explored through literature reviews and in-depth interviews with companies and consumers. The chapters also include recommendations for policy makers and industry stakeholders.

268pp Jan 2017
978-981-3142-40-4 US$45 £37

Winning in Service Markets
Success through People, Technology and Strategy
by Jochen Wirtz (NUS, Singapore)

“Winning in Service Markets is a comprehensive, well-written book that enables managers to access the best of academic research and put it to use in their work. Jochen Wirtz has done a masterful job presenting the most relevant academic research in a comprehensive and accessible manner to managers in service organizations. Few business scholars are able to translate rigorous academic research to managers as well as him. This book is a shining example.”

704pp Jan 2017
978-1-944659-05-9(pbk) US$110 £91
978-1-944659-05-9(pbk) US$49 £41

World Scientific-Now Publishers Series in Business - Vol 11
Global Sourcing of Services
Strategies, Issues and Challenges
edited by Shailendra C Jain Palvia (Long Island University, USA), Prashant Palvia (University of North Carolina, Greensborough, USA)

“This book offers an analysis of a truly impressive array of topics that are related to outsourcing. Any student or scholar interested in outsourcing will find the logical organization and theoretical models outlined in the book helpful. Any member of the public who is optimistic or pessimistic about the impact of outsourcing on the world economy, sociology, and politics would find this book highly enlightening. Any company that is engaged or contemplating to engage in outsourcing will benefit from the insights that this exciting book offers.

724pp Jan 2017
978-981-3109-30-8 US$188 £156

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“Winning in Service Markets is a comprehensive, well-written book that enables managers to access the best of academic research and put it to use in their work. Jochen Wirtz has done a masterful job presenting the most relevant academic research in a comprehensive and accessible manner to managers in service organizations. Few business scholars are able to translate rigorous academic research to managers as well as him. This book is a shining example.”

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Srinagesh Gavirneni (Cornell)

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Advances in Data Envelopment Analysis
Rolf Färe (Oregon State University, USA), et.al.

Enterprise Risk Management (2nd Edition)
David L Olson (University of Nebraska – Lincoln, USA), et.al.

Management of Enterprise Crises in Japan
Yasuhiro Monden (University of Tsukuba, Japan & University of Nagoya, Japan)

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Harold Bierman, Jr. (Cornell University, USA)