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Logistics Management and Strategy
Advances in Manufacturing, Production Management and Process Control
Supply Chain and Logistics Management Made Easy
Recent Advances in Manufacturing, Automation, Design and Energy Technologies
Closing the Gap Between Practice and Research in Industrial Engineering
Advances in Production Management Systems: New Challenges, New Approaches
Operations Management
Improving the Extended Value Stream
Process Simulation and Optimization in Sustainable Logistics and Manufacturing
Asian-Pacific Rim Logistics

BERG CAYDENEthical and Sustainable Supply Chain Management in a Global Context

E.I.Square Publishing Co.

City Logistics: Mapping The Future examines the key concepts of city logistics along with the associated implementation issues, methodologies, and policy measures. Chronicling the growth of city logistics as a discipline and how planning and policy have improved practice over the last ten years, it details the technologies, policies, and plans that can reduce traffic congestion, environmental impact, and the cost of logistics activities in urban freight transportation systems. The book provides a comprehensive study of the modelling, planning, and evaluation of urban freight transport. It includes case studies from the US, UK, Netherlands, Japan, South Africa, and Australia that illustrate the experiences of cities that have already implemented city logistics, including the methods used to solve the complex issues relating to urban freight transport. Presents procedures for evaluating city logistics policy measures Provides an overview of intelligent transport systems in city logistics Highlights the essential features of joint delivery systems and off-hour delivery programs Supplies an overview of access restrictions and regulations related to city logistics in urban areas Expert contributors from major cities around the world discuss regional developments, share success stories and personal experiences, and highlight emerging trends in urban logistics. Coverage includes mathematical modeling, public policy planning and implementation, logistics in

urban planning designs, and urban distribution centers. The book examines the impact of recent advancements in technology on city logistics, including information and communication technologies, intelligent transport systems, and GPS. It also considers future directions in city logistics, including humanitarian logistics, alternative transport modes in co-modality, last kilometer deliveries, partnerships between public and private sectors, alternative fuel vehicles, and emerging technologies such as 3D printing.

Agile Procurement TANGER Ltd.

This book comprises the proceedings of the 1st International Conference on Future Technologies in Manufacturing, Automation, Design and Energy 2020. The contents of this volume focus on recent technological advances in the field of manufacturing, automation, design and energy. Some of the topics covered include additive manufacturing, renewable energy resources, design automation, process automation and monitoring, etc. This volume will prove a valuable resource for those in academia and industry.

Milk Run Design: Definitions, Concepts and Solution Approaches Springer

Science & Business Media

Lean management describes a set of methods combined with a management philosophy which aims at eliminating waste in logistics processes. In production logistics, lean is already widespread and applied successfully. Research has shown that lean also works in a warehousing environment. In transport logistics, lean is still at a low level of maturity in both research and practice. This work contributes to closing this gap by introducing Heijunka leveling to transport logistics.

Urban Transportation and Logistics

Kogan Page Publishers

Efficient inbound networks in the European automotive industry rely on a set of different transport concepts including milk runs - understood as regularly scheduled pickup tours. The complexity of designing such a mixed network makes decision support necessary: In this book we provide definitions, mathematical models and a solution method for the Milk Run Design problem and introduce indicators assessing the performance of established milk runs in relation to alternative transport concepts.

Dynamics in Logistics Springer Nature

The purpose of the 2012 3rd International Asia Conference on industrial engineering and management innovation (IEMI2012) is to bring together researchers, engineers and practitioners interested in the application of informatics to industrial engineering and management innovation.

City Logistics KIT Scientific Publishing

The aim of this book is to present qualitative aspects of logistics operations and supply chain management which help to implement the sustainable policy principles in the companies and public sector's institutions. Authors in individual chapters address the issues related to reverse network configuration, forward and reverse supply chain integration, CO₂ reduction in transportation, improvement of the production operations and management of the recovery activities. Some best practices from different countries and industries are presented. This book will be valuable to both academics and practitioners wishing to deepen their knowledge in the field of logistics operations and

management with regard to sustainability issues.

Building a Lean Fulfillment Stream Lean Enterprise Institute

This book helps the reader to identify how different organizations in the context of diverse societies deploy their resources and leverage their capabilities to achieve better performance of its various labor skills, marketing, social responsibility and management capacity. Intelligent Logistics is a complex phenomenon that has become critical for companies to reach their development locally and internationally. On the one hand, macro-factors and market structure influence in business competitiveness, but also in a regional or sector context. The internal aspects and the use of various business tools contribute to the ability to create value in an organization. It is of utmost importance to understand the relevance of crucial aspects in the technological future that should be known and implemented by the Z generation of its incidence in the use of organizational models linked to artificial intelligence. Every innovative aspect in the use of new technologies for the distribution of goods and services will be crucial in a globalized world. An avant-garde society will require improved decision-making regarding Logistics 4.0 and its implementation in our lives respecting the environment and being sustainable together with invaluable principles of generating tacit knowledge for future generations.

Enabling Manufacturing Competitiveness and Economic Sustainability Springer

The changing manufacturing environment requires more responsive and adaptable manufacturing systems. The theme of the 4th International

Conference on Changeable, Agile, Reconfigurable and Virtual production (CARV2011) is “Enabling Manufacturing Competitiveness and Economic Sustainability”. Leading edge research and best implementation practices and experiences, which address these important issues and challenges, are presented. The proceedings include advances in manufacturing systems design, planning, evaluation, control and evolving paradigms such as mass customization, personalization, changeability, re-configurability and flexibility. New and important concepts such as the dynamic product families and platforms, co-evolution of products and systems, and methods for enhancing manufacturing systems’ economic sustainability and prolonging their life to produce more than one product generation are treated. Enablers of change in manufacturing systems, production volume and capability scalability and managing the volatility of markets, competition among global enterprises and the increasing complexity of products, manufacturing systems and management strategies are discussed. Industry challenges and future directions for research and development needed to help both practitioners and academicians are presented.

Advances in Production Management Systems Edward Elgar Publishing

The global supply chain creates environmental and social burdens during different stages of production and distribution. Ethical and sustainable practices along the supply chain seek to minimize these burdens and ensure fair labor practices, lower emissions, and a cleaner environment. Ethical and Sustainable Supply Chain Management in a Global Context uses cases,

qualitative studies, empirical results, and analyses of legal frameworks to focus on ethics and sustainability as they relate to the management of global supply chains. Featuring research on topics such as production planning, consumer awareness, and labor laws, this book is ideally designed for managers, policymakers, professionals, researchers, and students working in the field of sustainable development and related disciplines including marketing, economics, finance, operations management, supply chain management, environmental science, and waste management.

Lean Assembly Elsevier

This book presents the proceedings of the XXII International Conference on Industrial Engineering and Operations Management, International IIE Conference 2016, and International AIM Conference 2016. This joint conference is a result of an agreement between ADINGOR (Asociación para el Desarrollo de la Ingeniería de Organización), ABEPRO (Associação Brasileira de Engenharia de Produção), AIM (European Academy for Industrial Management) and the IIE (Institute of Industrial Engineers), and took place at TECNUN-School of Engineering (San Sebastián, Spain) from July 13th to 15th, 2016. The book includes the latest research advances and cutting-edge analyses of real case studies in Industrial Engineering and Operations Management from diverse international contexts, while also identifying concrete business applications for the latest findings and innovations in operations management and the decisions sciences.

Advanced Manufacturing and Sustainable Logistics Springer

Designed for students, young managers and seasoned practitioners alike, this

handbook explains the nuts and bolts of the modern logistics and distribution world in plain language. Illustrated throughout, this second edition includes new chapters on areas previously not covered, such as: intermodal transport; benchmarking; environmental matters; and vehicle and depot security.

Logistics Operations and Management
CRC Press

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.

Global Perspectives on Green Business Administration and Sustainable Supply Chain Management CRC Press

Although society has become increasingly dependent on the timely

operation of logistics systems, we still face many problems regarding efficiency, the environment, energy consumption, and safety in urban transport and logistics under normal cases and in disasters. As such, understanding how to address these challenges has become essential for creat

Lean logistics Springer

This book brings together some of the latest thinking by leading experts from around the world on integrating systems and strategies in production management and related issues that are relevant for making production into a competitive resource for the firm. This book is composed of five parts, each focused on a specific theme: Linking systems and strategies; Strategic operations management; IS/IT applications in the value chain; Modelling and simulation; Improving operations.

CLC 2018: Carpathian Logistics Congress
Springer

Are your warehouses full while production is stopped by shortages? Do your customers complain that your lead times are too long and deliveries too late? *Lean Logistics: The Nuts and Bolts of Delivering Materials and Goods* by Michel Baudin helps you determine whether you have the right supply to meet your customers' demands, as well as the ability to organize and deliver that supply. In this cutting edge work, Baudin addresses the physical infrastructure of lean logistics and the flow of information that composes its nervous system. He demonstrates the methods that will allow you to avoid shortages while maintaining low inventories, while showing you how to take advantage of the increased capacity and flexibility generated through lean manufacturing.

This book picks up where the Baudin's previous book, *Lean Assembly*, left off. **The Routledge Companion to Lean Management** Springer Science & Business Media

Interest in the phenomenon known as "lean" has grown significantly in recent years. This is the first volume to provide an academically rigorous overview of the field of lean management, introducing the reader to the application of lean in diverse application areas, from the production floor to sales and marketing, from the automobile industry to academic institutions. The volume collects contributions from well-known lean experts and up-and-coming scholars from around the world. The chapters provide a detailed description of lean management across the manufacturing enterprise (supply chain, accounting, production, sales, IT etc.), and offer important perspectives for applying lean across different industries (construction, healthcare, logistics). The contributors address challenges and opportunities for future development in each of the lean application areas, concluding most chapters with a short case study to illustrate current best practice. The book is divided into three parts: The Lean Enterprise Lean across Industries A Lean World. This handbook is an excellent resource for business and management students as well as any academics, scholars, practitioners, and consultants interested in the "lean world."

Modern IoT Onboarding Platforms for Advanced Applications Pearson Education

This book constitutes the proceedings of the 8th International Heinz Nixdorf Symposium, IHNS 2010, held in Paderborn, Germany, April 21-22, 2010, under the title "Changing Paradigms: Advanced Manufacturing and

Sustainable Logistics". The 27 full and two short papers presented in this book were carefully reviewed and selected from a total of 63 submissions. They are grouped in five parts on Supply Chain Management, Production Logistics and Industrial Engineering, Operations Research Techniques, Humanitarian Logistics, and Simulation. The presentation is completed by nine invited keynote papers from renowned international experts in these fields.

The Handbook of Logistics and Distribution Management KIT Scientific Publishing

The design of facilities, warehouses, and material-handling systems as well as the management of logistics operations significantly impact the success of industrial projects. Facility Logistics: Approaches and Solutions to Next Generation Challenges explores recent developments in the technology, industrial practices, and business environments of f

Facility Logistics CRC Press

This contributed volume brings together research papers presented at the 4th International Conference on Dynamics in Logistics, held in Bremen, Germany in February 2014. The conference focused on the identification, analysis and description of the dynamics of logistics processes and networks. Topics covered range from the modeling and planning of processes, to innovative methods like autonomous control and knowledge management, to the latest technologies provided by radio frequency identification, mobile communication, and networking. The growing dynamic poses wholly new challenges: logistics processes and networks must be (come) able to rapidly and flexibly adapt to constantly changing conditions. The book primarily addresses the needs of

researchers and practitioners from the field of logistics, but will also be beneficial for graduate students.

Assessment and Simulation Tools for Sustainable Energy Systems

Springer

This book discusses a system for extending lean manufacturing across the

entire supply chain. It is divided into three parts: planning and analysis of the lean extended value stream, implementation of a lean supply chain and sustaining and continuously improving the lean extended value chain.

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