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With the money for the you money for the Nahmias Production And Operations Analysis we can take that the important themes and issues around which the workshop discussions centered. The editors of this book, all faculty members in the ISIE Department at the University of Florida, also served as the workshop's coordinators. In addition to workshop participants, we also invited contributions from leading academics and practitioners to write chapters on the latest research and applications in supply chain management. The book is divided into six parts: production and operations analysis; supply chain management; logistics management; and systems-oriented management. It includes contributions from over 100 researchers and practitioners in the field, making it a valuable resource for students, researchers, and practitioners.

PRODUCTION AND OPERATIONS MANAGEMENT

Richard B. Chase 1998-07-01 Production and Operations Analysis Steven Nahmias 2000 Production and Operations Analysis, 6th by Steven Nahmias provides a survey of the analytical methods used to support the functions of production and operations management. This latest edition maintains the focus on continual process improvement while enhancing the technical content of the book. Both analytical methods centered on factory and service processes, as well as process issues across the supply chain, are included. As always, the text presents the most cutting-edge quantitative models used in operations in a clear, accessible manner. While the familiar structure and organization of the text remains the same as previous editions, the current edition includes several new topics aimed at enhancing students’ understanding of the content.

Factory Physics

Wallace J. Hopp 2001 Comprehensive Introduction to Manufacturing Management text covering the behavior laws at work in factories. Examines operating policies and strategic objectives. Hopp presents the concepts of manufacturing processes and controls within a "physics" or "laws of nature" approach. There is enough quantitative material for an engineer's course, as well as narrative that a management major can understand and apply.

Design, Analysis and Optimization of Supply Chains

William R. Kilgour 2011-06-23 Intended for an audience of graduate students, executive MBA students, and professionals who design and analyze complex, multi-functional, and globally dispersed supply chains, this book introduces the reader to the field of supply chain management. It is an introduction to supply chain management, and is a comprehensive study of the design and analysis of supply chains. The book is divided into three parts: supply chain design, supply chain analysis, and supply chain optimization. Part I covers the fundamentals of supply chain design, including the importance of supply chain design, the characteristics of supply chain networks, and the challenges facing supply chain design. Part II covers the fundamentals of supply chain analysis, including the importance of supply chain analysis, the characteristics of supply chain analysis, and the challenges facing supply chain analysis. Part III covers the fundamentals of supply chain optimization, including the importance of supply chain optimization, the characteristics of supply chain optimization, and the challenges facing supply chain optimization.

Handbook of Maintenance Management and Engineering

Khairy Ahmed Helmy Kobbacy 2008-04-15 This utterly comprehensive work is thought to be the first to integrate every aspect of maintenance planning, inventory, quality, and maintenance policy. It also provides an overview of various maintenance strategies and policies. The book is divided into seven parts: Introduction and overview, Maintenance Planning, Inventory, Quality and Maintenance Policy. The book also includes a comprehensive bibliography.

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Handbook of International Operations

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The objective is to give the reader a thorough grounding in the principles of statistical quality control and a basis for applying those principles in a wide variety of both product and nonproduct situations. Divided into four parts, it contains numerous changes, including a more detailed discussion of the basic SPC problem-solving tools and two new case studies, expanded treatment on variable control charts with new examples, a chapter devoted entirely to cumulative-sum control charts and exponentially-weighted, moving-average control charts, and a new section on process improvement with designed experiments.