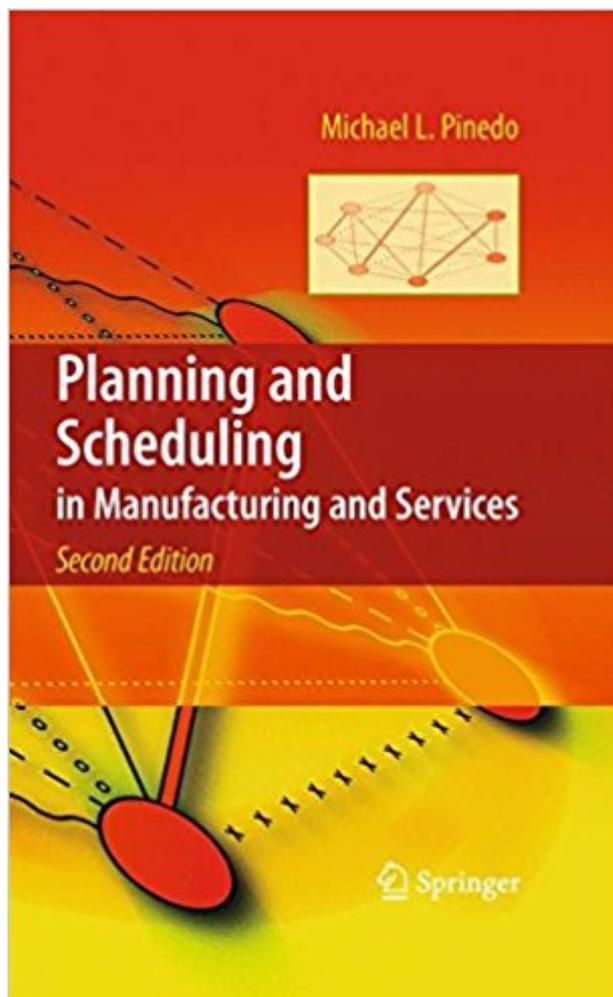


The book was found

Planning And Scheduling In Manufacturing And Services



Synopsis

Pinedo is a major figure in the scheduling area (well versed in both stochastics and combinatorics) , and knows both the academic and practitioner side of the discipline. This book includes the integration of case studies into the text. It will appeal to engineering and business students interested in operations research.

Book Information

Hardcover: 536 pages

Publisher: Springer; 2nd ed. 2009 edition (August 17, 2009)

Language: English

ISBN-10: 1441909095

ISBN-13: 978-1441909091

Product Dimensions: 6.1 x 1.2 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #605,194 in Books (See Top 100 in Books) #33 in Books > Science & Math > Mathematics > Research #90 in Books > Science & Math > Mathematics > Applied > Linear Programming #289 in Books > Business & Money > Processes & Infrastructure > Operations Research

Customer Reviews

From the reviews: "The main emphasis of the book is on applications of various models that facilitate managerial decisions to be taken. The book can serve as a text for university students. The algorithms and techniques are explained by providing insight and illustration. A practitioner can use the book to identify a solution technique and the corresponding software tool to tackle a real-life problem. A lecturer will find a relevant practical example to illustrate a mathematical algorithm she teaches." (Vitaly A. Strusevich, Zentralblatt MATH, Vol. 1078, 2006) "The book is a completely new version of the book *Operations Scheduling with Applications in Manufacturing and Services*™ by Pinedo and Chao published 1999. The text is divided into four parts and 15 chapters plus appendices and a list of references. The book may be useful for teachers and students to be used in graduate courses. I would buy the book to use it as course material." (Alf Kimms, OR News, Issue 25, 2005) "This book focuses on planning and scheduling applications in manufacturing and services, selecting the most important and representative models and methodologies from the enormous available literature in this field. This book from Pinedo is a very

well balanced and organised selection of contents in the planning and scheduling area. | The book may be very useful as an application guide for practitioners | . It seems that the book may be intended for a senior level or master level course in engineering or business schools." (Marco Garetti, *Production Planning & Control*, Vol. 17 (10), 2006)"Pinedo's book is an effective combination of planning and scheduling theory with practical applications which help the reader to immediately link mathematical models to real-world problems and computer-based decision support systems. | Overall, *Planning and Scheduling in Manufacturing and Services* is a valuable resource for students, academics and practitioners interested in planning and scheduling. | This book is a very effective combination of theory and practice presented in a simple and clear style making it very enjoyable reading." (D Silva, *Journal of the Operational research Society*, Vol. 59 (5), 2008)From the reviews of the second edition:| It covers scheduling problems in various areas of manufacturing and services such as for instance, project scheduling | rostering or scheduling problems in sports and health care. | Exercises to the 15 chapters present a good fundament for using the book as a teaching material. | recommend it to any reader who wants do deepen his or her understanding of scheduling problems with a focus on practical applications. | used for self-study or by practitioners. | experts in scheduling can also benefit from this book. • (T. Hanne, *Journal of the Operational Research Society*, Vol. 61, 2010)| The second edition of this book is a slight extension of the first edition from 2005. The major change in the new edition results from the inclusion of a new chapter on health care. | there have been added three new sets of slides from academia and another movie from United Airlines. Summarizing, the broad spectrum covered by the book makes it very attractive for all people working in the scheduling area and can be highly recommended by the reviewer. • (Frank Werner, *Zentralblatt MATH*, Vol. 1175, 2010)

This second edition book focuses on planning and scheduling applications with a new chapter on planning and scheduling in health care. Planning and scheduling are forms of decision-making that play an important role in most manufacturing and services industries. The planning and scheduling functions in a company typically use analytical techniques and heuristic methods to allocate its limited resources to the activities that have to be done. The application areas considered in this book are divided into manufacturing applications and services applications. The book covers four areas in planning and scheduling: preliminary scheduling, planning and scheduling in manufacturing, planning and scheduling in services and systems development and implementation. It covers four areas in services: reservations and timetabling, tournament scheduling, planning and scheduling in transportation, planning and scheduling in healthcare and workforce scheduling. At the end of each

chapter, a case study or a system implementation is described in detail. Numerous examples and exercises throughout the book illustrate the material presented. The fundamentals concerning the methodologies used in the application chapters are covered in the appendices. This book is suitable for more advanced students in industrial engineering and operations research as well as graduate students in business. Michael Pinedo is the Julius Schlesinger Professor of Operations Management in the Stern School of Business at New York University. His research interests lie in the theoretical and applied aspects of planning and scheduling. He has written numerous papers on the theory of deterministic and stochastic scheduling and has also consulted extensively in industry. He has been actively involved in the development of several large industrial planning and scheduling systems. "The book may be very useful as an application guideline for practitioners from the manufacturing and services sectors, while it has a special value for academic people."--Marco Garetti, Production Planning and Control.

good

Waist of Money. The book is full of algorithms, instead to have logical information about what is Planning and Scheduling. This type of information it is not even use in any manufacturing...helpless!!!...

[Download to continue reading...](#)

Planning and Scheduling in Manufacturing and Services Additive Manufacturing Technologies: 3D Printing, Rapid Prototyping, and Direct Digital Manufacturing Project Planning, Scheduling, and Control: The Ultimate Hands-On Guide to Bringing Projects in On Time and On Budget , Fifth Edition (Business Books) Supply Chain Management in Manufacturing + Inventory Control in Manufacturing: 2 Books in 1 ISO 22716:2007, Cosmetics - Good Manufacturing Practices (GMP) - Guidelines on Good Manufacturing Practices Project Management: A Systems Approach to Planning, Scheduling, and Controlling Construction Planning and Scheduling (4th Edition) Supervisor Training Program (STP) Unit 3 Participants Manual: Planning and Scheduling Maintenance Planning and Scheduling Handbook Maintenance Planning and Scheduling Handbook 3/E (Mechanical Engineering) Getting Started with 3D Printing: A Hands-on Guide to the Hardware, Software, and Services Behind the New Manufacturing Revolution Manufacturing Planning and Control for Supply Chain Management (McGraw-Hill/Irwin Series in Operations and Decision Sciences) MANUFACTURING PLANNING AND CONTROL SYSTEMS FOR SUPPLY CHAIN MANAGEMENT : The Definitive Guide for Professionals Manufacturing Facilities: Location,

Planning, and Design, Third Edition Manufacturing Planning and Control for Supply Chain Management (Mechanical Engineering) High Paying Clients for Life: A Simple Step By Step System Proven To Sell High Ticket Products And Services (Selling Services: How to sell anything to ... and How to Get Clients for Life Book 1) Auditing & Assurance Services (Auditing and Assurance Services) Selling Outsourcing Services: How To Collaborate for Success When Negotiating Application, Infrastructure, and Business Process Outsourcing Services Agreements Jane's Airports Equipment & Services 2004-2005 (Jane's Airport Equipment and Services) Jane's Airports Equipment & Services 2005-06 (Jane's Airport Equipment and Services)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)