1. Record Nr. UNINA9910299880203321 Autore Shenoy Dinesh **Titolo** Problems & Solutions in Inventory Management // by Dinesh Shenoy, Roberto Rosas Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2018 **ISBN** 3-319-65696-1 Edizione [1st ed. 2018.] Descrizione fisica 1 online resource (XIII, 283 p. 49 illus., 6 illus. in color.) 658.787 Disciplina Soggetti Engineering economics Engineering economy Production management Mathematical models Manufactures Operations research Management science Engineering Economics, Organization, Logistics, Marketing **Operations Management** Mathematical Modeling and Industrial Mathematics Manufacturing, Machines, Tools, Processes Operations Research, Management Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Part – I: Basics of Inventory Management -- Chapter 1. Introduction to Inventory Management -- Chapter 2. Inventory Control Systems -Design Factors -- Part - II: Single-Item Inventory Models -- Chapter 3. Deterministic Inventory Models -- Chapter 4. Dynamic Inventory Control Models -- Chapter 5. Lot-sizing Heuristics -- Chapter 6. Stochastic Inventory Models -- Part - III: Multi-item Inventory Models

-- Chapter 7. Multi-item Inventory Models Subject to Constraints -- Chapter 8. Selective Inventory Control Models -- Part – IV: Advanced Inventory Models -- Chapter 9. Inventory Models for Perishable Items and Style Goods -- Chapter 10- Inventory Models for Maintenance and

Repairable Items -- Chapter 11. Multiechelon Inventory Models. .

Sommario/riassunto

This book presents a compilation of over 200 numerical problems and solutions that students can use to learn, practice and master the Inventory Control and Management concepts. Intended as a companion to any of the standard textbooks in Inventory Control and Management and written in simple language, it illustrates very clearly the steps students need to follow in order to solve a given problem. It also explains which solution methodologies can be used under which circumstances. Offering an ideal one-stop resource for mid-level engineering and business students who have taken Inventory Management or a related subject as an elective, this book is the only one students will ever need to prepare and gain confidence for their examinations in this subject.