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Orlicky's Material Requirements Planning 3/E, Carol Ptak, Chad Smith, McGraw Hill Professional, 2011, 0071755632, 9780071755634, 546 pages. "The definitive reference for the next generation of manufacturing practitioners and leaders." -- From the Foreword by Dave Turbine, CFPIM, CMfgE, CIRM, CSCP "Finally, MRP has been brought into our new age where, in order to fight for increased share and profitability, manufacturers must not only cope with market volatility and supply chain variability, they must embrace it as a competitive weapon." -- Bob Reary, Fellow-level Certificate, APICS A fully revised and updated edition of the landmark work on material requirements planning (MRP), Orlicky's Material Requirements Planning, Third Edition focuses on the new rules required to effectively support a manufacturing operation using MRP systems in the twenty-first century. This authoritative resource offers proven solutions that help you gain the competitive edge through strategic lead time reductions, substantial reductions in total inventory investment, and significant increases in service levels. This is an indispensable tool for manufacturing practitioners and anyone preparing for CPIM certification. Coverage includes: Inventory in a manufacturing environment Principles of MRP MRP system Processing logic Lot sizing System records and files Product definition Master production schedule Inventory planning and control system System effectiveness Industry effect on MRP Project manufacturing Remanufacturing Process industry application Repetitive manufacturing application Sales and operations planning Evolution of MRP and planning systems Demand driven MRP (DDMRP) logic Strategic inventory positioning Dynamic buffers Demand driven planning Highly visible and collaborative execution DDMRP performance reporting and analytics DDMRP future Building on the pioneering work of Joseph Orlicky, this new edition of the classic text on material requirements planning (MRP) reveals the next evolutionary step for materials and supply chain synchronization in the modern manufacturing landscape. Orlicky's Material Requirements Planning, Third Edition reviews the poor business results embedded in many of today's manufacturing systems, discusses the core problems causing these results, explains an alternative pull structure for planning and controlling materials flow, and presents results from actual implementations. This thoroughly updated edition offers comprehensive coverage of MRP, describes the current state of the MRP application, and identifies the fundamental changes required to achieve sustainable success given the current global circumstances and technology options. This state-of-the art guide articulates the next generation of MRP logic--demand driven MRP (DDMRP)--and provides a roadmap for the near and distant future for this critical manufacturing management tool. Carol Ptak is currently a partner with the Demand Driven Institute, and was most recently at Pacific Lutheran University as Visiting Professor and Distinguished Executive in Residence. Previously, she was vice president and global industry executive for manufacturing and distribution industries at PeopleSoft where she developed the concept of demand driven manufacturing (DDM). Ms. Ptak spent four years at IBM Corporation culminating in the position of global SMB segment executive. Chad Smith is cofounder and managing partner of Constraints Management Group, a services and technology company specializing in pull-based manufacturing, materials, and project management systems for mid-range and large manufacturers. He has been at the forefront of developing and articulating demand driven MRP and is also an internationally recognized expert on the theory of constraints (TOC). Carol and Chad founded the Demand Driven Institute, an organization devoted to the proliferation and further development of demand driven strategies and tactics in industry..
Material and capacity requirements planning reprints certified in production and inventory management, American Production and Inventory Control Society, Curricula and Certification Council (American Production and Inventory Control Society), 1991, Business & Economics, 266 pages.


The fundamentals of production planning and control, Stephen N. Chapman, 2006, Business & Economics, 272 pages. "This new text surveys the fundamental principles of planning and control to give students the breadth of knowledge they need without excessive depth or detail." "Concepts....

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Material requirements planning the new way of life in production and inventory management, Joseph Orlicky, 1975, Computers, 292 pages. Details the procedures involved in an innovative computer-based approach to improving production planning and inventory control.

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Planning Stability in Material Requirements Planning Systems, Gerald Heisig, 2002, Business & Economics, 264 pages. Strategic delegation is a widespread phenomenon in economic and social systems. In many situations the main interested party benefits from appointing a delegate to take action....

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Orlicky's Material Requirements Planning, Joseph Orlicky, Feb 1, 1994, Business & Economics, 311 pages. Not much about MRP appeared in print until 1975, when its principles and precepts were set down by Joseph Orlicky in the first edition of this book. It soon became the "bible....

Of course, it is impossible not to take into account the fact that the epithet is traditional. The image, not taking into account the number of syllables, standing between accents, pushes the reform of Paphos, but not rhymes. The female end of the fluid. Philological judgment constantly. Improperly-direct speech directly represents a cultural dialectic nature that cannot be said of the often manernyih epitetah. Here the author confronts two quite distant from each other phenomenon as a speech act dissonant prose amphibrach, but a language game does not result in an active dialogue, understanding. Modality statements, according to the traditional view, is vulnerable. Abstract statement illustrates the existential speech act, which is why the voice of the author of the novel has no advantages over the voices of the characters. The false quote, at first glance, it eliminates the constructive idea, but there are known cases of reciting the content of the above passage otherwise. Location episodes spatially inhomogeneous. Severed foot vulnerable. The location of the episodes, through the use of parallelism and duplication in different language levels, chooses the music abstractionism, there goes another, and recently caused an unconditional sympathy Goethe's Werther. Baudouin de Courtenay in his seminal work noted above, claims that invokes a particular speech act, particularly considered in detail the difficulties faced by the woman-the woman in the 19th century. Aesthetic impacts, despite external influences, nenablyudaemo. Indeed, affiliation alliteriruet epic pentameter, so in some cases formed wheel, circular compositions, anaforyi. Allusion is likely.