1.	Record Nr.	UNINA9910463724903321
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	Titolo	Resources utilization and productivity enhancement case studies / / Anil Mital, Arunkumar Pennathur
	Pubbl/distr/stampa	New York, NY : , : Momentum Press, , 2015
	ISBN	1-60650-680-3
	Descrizione fisica	1 online resource (130 p.)
	Collana	Automation and control collection
	Disciplina	300.151
	Soggetti	Resource allocation Industrial engineering Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1. The case for simplifying the maintenance process through product design / Anoop Desai and Anil Mital -- 2. A disassembly algorithm to maximize resource utilization: a case study / Anoop Desai and Anil Mital -- 3. Standardization of technical data utilized for maintenance activities / Masaya Hagiwara -- 4. Allocation of nursing workforce in hospital wards with mix patient needs / Issachar Gilad and Ohad Khabia -- 5. Shelf management in apparel industry / Jung-Wook Lee, Yoon-Min Hwang, and Jae-Jeung Rho -- 6. Improving productivity in resource-constrained / Anil Mital and Arunkumar Pennathur -- Index.
	Sommario/riassunto	This book presents examples of engineering applications; particularly Industrial Engineering applications. Six distinct cases are included. The applications range from product design to quality control. The emphasis is on developing methodologies that can enhance utilization of resources. Case studies are important in demonstrating the use of engineering design principles and methodologies. The published literature, however, shows a paucity of cases that may be used for teaching and learning purposes. The reasons for a dearth of published case studies are many, including the propriety nature of problems and confidentiality of data. Such issues are further aggravated as many companies are self-insured and are reluctant to share information with outsiders.