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Nota di contenuto	Tolerance Analysis of Mechanical Assemblies using Monte Carlo Simulation – A Case Study -- Operationalization & measurement of service quality in manufacturing supply chains: a conceptual framework -- A novel framework for evaluation of failure risk in thermal power industry -- Modeling and analysis of critical success factors for implementing the it based supply chain performance system -- Lean-sigma for product improvement using the voc for enhancing the product competitiveness -- Structural Equation Modeling application to assess environmental aspects in implementing Sustainable Manufacturing -- Service quality through the lens of sap-lap methodology: a case study -- Selection of the optimum hole quality conditions in manufacturing environment using mcdm approach: a case study -- Reliability analysis of cng dispensing unit by lambda-tau approach -- Assessment of health risks among tractor operators due to whole body vibration -- Modelling, simulation and optimization of

product flow in a multi-product manufacturing unit: a case study -- Critical success factors (CSF's) of TQM and its effect on overall business performance.-Benchmarking the interactions among drivers in supply chain collaboration -- Significance of electronic waste management for sustainable industrial production -- An exploratory study into financial supply chain management.

Sommario/riassunto

This book comprises select proceedings of the International Conference on Production and Industrial Engineering (CPIE) 2018. The book focuses on the latest developments in the domain of operations management and systems engineering, and presents analytical models, case studies, and simulation approaches relevant to a wide variety of systems engineering problems. Topics such as decision sciences, human factors and ergonomics, transport and supply chain management, manufacturing design, operations research, waste management, modeling and simulation, reliability and maintenance, and sustainability in operations and manufacturing are discussed in this book. The contents of this book will be useful to academics, researchers and practitioners working in the field of systems engineering and operations management. .
