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Collana	Lecture Notes in Mechanical Engineering, , 2195-4356
Disciplina	670 658.5
Soggetti	Manufactures Project management Computer-aided engineering Quality control Reliability Industrial safety Manufacturing, Machines, Tools, Processes Project Management Computer-Aided Engineering (CAD, CAE) and Design Quality Control, Reliability, Safety and Risk
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Framework for SME Performance Evaluation -- Environmental Management and Green Attitudes of the European SME Sector -- A Comparative Analysis of Various Production Organisation Forms on the Basis of Customised Manufacturing -- Tooling CAD Models Preparation Process for Automated Technology Design System -- Selection of Assembly Sequence for Manual Assembly Based on DFA Rating Factors -- Technology Management as a Process – a View from In-Depth Studies in Metal Processing Companies -- Formal Recording of Product Manufacturing Structure Oriented on Customer Based Production -- Multi-Objective Aggregate Production Planning Model Considering Overtime and Outsourcing Options under Fuzzy Seasonal Demand.

Sommario/riassunto

This book covers a variety of topics in manufacturing, with a special emphasis on product design, production planning, and implementation of both resources and production processes. The content is based on papers presented at the 6th International Scientific-Technical Conference MANUFACTURING 2019, held in Poznan, Poland on May 19-22, 2019. The main focus is on showing best practices to use tools currently available in the enterprises to effectively improving industrial processes. Knowledge and production flow management, decision-making systems, production leveling, enterprise efficiency, as well as maintenance, modeling and simulation of production processes are just some of the topics discussed in this book, which offers a timely and practice-oriented reference guide for applied researchers, product engineers and product managers.
