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Titolo	Optimization Methods in Engineering : Select Proceedings of CPIE 2019 // edited by Mohit Tyagi, Anish Sachdeva, Vishal Sharma
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Descrizione fisica	1 online resource (613 pages)
Collana	Lecture Notes on Multidisciplinary Industrial Engineering, , 2522-5022
Disciplina	620.00151
Soggetti	Engineering economics Engineering economy Quality control Reliability Industrial safety Computer simulation Business logistics Engineering Economics, Organization, Logistics, Marketing Quality Control, Reliability, Safety and Risk Simulation and Modeling Supply Chain Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Evaluating Statistical Approaches for Tool Condition Monitoring in Drilling Applications -- Parametric Assessment of Temperature Monitoring Trends in Food Supply Chain Performance System -- An Efficient Algorithm for Solving Cell Formation Problem in Cellular Manufacturing -- Design of Optimal Noise Barrier for Metropolitan Cities using Artificial Neural Networks -- Predictive Analytics in Food Grain Logistics: Supervised Machine Learning Approach -- Tribological Analysis of Increasing Percentage of CrC Content in Composite Coating by Atmospheric Plasma Spray Technique -- Effect of cutting parameters on MRR and surface roughness in turning of AISI 1018 and AISI P20 using Taguchi method -- Optimization of Exit Diameter of Hole on Ti-6Al-4V Super Alloy Using Laser Drilling -- An Improved Artificial Neural

Networking Architecture Approach for Prediction of Cutting Parameters in Turning of EN31 Steel -- Effect of Temperature on the Wear Behaviour of CrN Coating Deposited by Physical Vapour Deposition.

Sommario/riassunto

This book comprises peer-reviewed contributions from the International Conference on Production and Industrial Engineering (CPIE) 2019. This volume provides insights into the current scenario and advances in the domain of industrial and production engineering in the context of optimum value. Optimization and its applicability in various areas of production and industrial engineering like selection of designing parameters and machining parameters, decisions related to conditions of optimum process/operation parameters, behavior of response variables, facilities planning and management, transportation and supply chain management, quality engineering, reliability and maintenance, product design and development, human factors and ergonomics, service system and service management, waste management, sustainable manufacturing and operations, systems design, and performance measurement are discussed in the book. Given the range of topics covered, this book can be useful for students, researchers, and professionals interested in latest optimization techniques related to industrial and production engineering. .