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Altri autori (Persone)	DavimJ. Paulo
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Application of neural networks and fuzzy sets to machining and metal forming / U. S Dixit -- Multi-objective optimization of multi-pas milling process parameters using artificial bee colony algorithm / R. Venkata Rao and P. J. Pawar -- Optimization of abrasive flow machining process parameters using particle swarm optimization and simulated annealing algorithms / P. J. Pawar, R. Venkata Rao and J. P. Davim -- Study of effects of process parameters on burr Height in drilling of AISI 316 stainless steel using artificial neural network model / V. N. Gaitonde, S. R. Karnik and J. Paulo Davim -- Artificial neural network modeling of surface quality characteristics in abrasive water jet machining of trip steel sheet / N. M. Vaxevanidis, A. Markopoulos and G. Petropoulos -- Multi-objective optimisation of cutting parameters for drilling aluminium AA1050 / Ramon Quiza and J. Paulo Davim -- Application of fuzzy logic in manufacturing: a study on modeling of cutting force in turning GFRP composites / K. Palanikumar and J. Paulo Davim -- Flank wear detection with AW signal and FNN during turning of A1/15 Vol%Sic-MMC / Alakesh Manna -- Integration of product development process using STEP and PDM / S. W. Xie and W. L. Chen.
Sommario/riassunto	Artificial intelligence is a sub-field of computer science concerned with understanding the nature of intelligence and constructing computer

systems capable of intelligent action. This book aims to provide the
research and review studies on artificial intelligence in manufacturing.
