

CONTENTS

- [197](#) A Comparative Study of Simulation Software for Modelling Metal Casting Processes
Khan, M. A. A. & Sheikh, A. K.
- [210](#) Hardness Modelling of Deformed CW106C Alloy by a Genetic Programming
Gusel, L.; Rudolf, R. & Brezocnik, M.
- [220](#) Simulation Study of Induction Heating of Multi-Metallic Injection Moulds
Mrozek, K.
- [231](#) A Simulation of Order Resonance Phenomenon in a Supply Chain Triggered by Reinforcing Loop
Moon, S.; Ji, W.; Moon, H. & Kim, D.
- [245](#) Analysis of Asphalt Pavement Mechanical Behaviour by Using a Tire-Pavement Coupling Model
Lu, Y. J.; Wang, L. J.; Yang, Q. & Ren, J. Y.
- [257](#) A Simulation Optimisation Tool and Its Production/Inventory Control Application
Katsios, D.; Xanthopoulos, A. S.; Koulouriotis, D. E. & Kiatipis, A.
- [271](#) Optimization of Cavitating Flow Characteristics on RBSS of Waterjet Pumps
Yan, H.; Li, Q.; Zhang, Y.; Shi, H. X. & Vnenkovskaia, V.
- [284](#) Two-Machine Robotic Cell Sequencing under Different Uncertainties
Vaisi, B.; Farughi, H. & Raissi, S.
- [295](#) Product Mix Optimization Based on Monte Carlo Simulation: A Case Study
Janekova, J.; Fabianova, J.; Izarikova, G.; Onofrejova, D. & Kovac, J.
- [308](#) A Two-Step Smoothing Algorithm for an Automated Product Development Process
Deese, K.; Geilen, M. & Rieg, F.
- [318](#) Numerical Simulation and Optimization of Oil Jet Lubrication for Rotorcraft Meshing Gears
Dai, Y.; Wu, W.; Zhou, H. B.; Zhang, J. & Ma, F. Y.
- [327](#) Mechanism Design and Motion Planning of Parallel-Chain Nonholonomic Manipulator
Li, L.
- [337](#) Job-Shop Scheduling Problem Based on Improved Cuckoo Search Algorithm
Hu, H. X.; Lei, W. X.; Gao, X. & Zhang, Y.
- [347](#) Simulation of Multivariate Scheduling Optimization for Open Production Line Based on Improved Genetic Algorithm
Li, H. Y.; Gui, C. & Xiao, K.
- [359](#) Three-Machine Job Shop Scheduling with Intermediate Transfer
Li, Y.; Shi, S. Y. & Huang, Q. D.