

CONTENTS

- [5](#) A Reactive Scheduling Approach Based on Fuzzy Inference for Hybrid Flowshop Systems
Uzun Araz, O.; Eski, O. & Araz, C.
- [19](#) Digital Value Stream Mapping Using the Tecnomatix Plant Simulation Software
Trebuna, P.; Pekarcikova, M. & Edl, M.
- [33](#) AMS: A New Platform for System Design and Simulation
Oueida, S.; Kotb, Y.; Ionescu, S. & Militaru, G.
- [47](#) Using Queuing Simulation Model in Production Process Innovations
Vrecko, I.; Kovac, J.; Rupnik, B. & Gajsek, B.
- [59](#) Simulation of Photogrammetry-Based 3D Data Acquisition
Gajic, D. B.; Mihic, S.; Dragan, D.; Petrovic, V. & Anisic, Z.
- [72](#) Eco-Design of Fixtures Based on Life Cycle and Cost Assessment
Vukelic, D.; Agarski, B.; Budak, I.; Simunovic, G.; Buchmeister, B.; Jakovljevic, Z. & Tadic, B.
- [86](#) Simulation of Crowd Evacuation Behaviour in Outdoor Public Places – a Model Based on Shanghai Stampede
Liu, S. S.; Liu, J. & Wei, W.
- [100](#) Force Transmission Analysis of Sliding Block-Type Hydraulic Support under Impact Loads
Zeng, X. T.; Meng, G. Y. & Zheng, K.
- [112](#) A Cyber-Physical System for Smart Fixture Monitoring via Clamping Simulation
Zuperl, U. & Cus, F.
- [125](#) Improving the Order Picking Efficiency by Optimising the Orders' Sequence
Zivanic, D.; Zelic, A.; Lalic, B.; Simeunovic, N. & Szabo, L.
- [138](#) Energy-Saving Operation of Multistage Stochastic Manufacturing Systems Based on Fuzzy Logic
Wang, J. F.; Fei, Z. C.; Chang, Q.; Fu, Y. & Li, S. Q.
- [150](#) Grinding Method, Trajectory Planning and Simulation of a 3 DOF Knee Grinding Robot
Tian, H.; Ma, L.; Zhu, X. & Dang, X.
- [163](#) Scheduling Optimization of Cloud Resource Supply Chain through Multi-Objective Particle Swarm Optimization
Jiang, H. & Liu, C. Y.
- [175](#) An Improved Genetic Simulated Annealing Algorithm for Stochastic Two-Sided Assembly Line Balancing Problem
Yang, M. S.; Ba, L.; Liu, Y.; Zheng, H. Y.; Yan, J. T.; Gao, X. Q. & Xiao, J. M.
- [187](#) Optimization and Simulation of Job-Shop Supply Chain Scheduling in Manufacturing Enterprises Based on Particle Swarm Optimization
Liao, J. & Lin, C.