Chapter 3

Manufacturing Processes

Job-Shop Scheduling using the Clonal Selection Technique
C. A. Coello Coello, D. C. Rivera, N. C. Cortez

Genetic Optimisation of Machine Tool Paths
M.K.A. Mohd Ariffin, N.D. Sims, K. Worden

Automating the Analysis of Wafer Data Using Adaptive Resonance Theory Networks
E. Miguelañez, A. M S Zalzala and P. Tabor

Job Shop Scheduling using Multi-Agent Systems
A. M. Booth

Tool Wear Prediction Approach for Turning Operations Based on a General Regression Neural Network (GRNN) Technique.
E.A. Almeshaieei, S.E. Oraby, M. A. Mahmoud

An Efficient Genetic Algorithm to solve the Manufacturing Cell Formation Problem
W. R. Vega, M. S. Fuentes, M. C. Pacheco

Evolutionary Simulated Annealing Algorithms for Uncapacitated Facility Location Problems
V. Yigit, M. E. Aydin, O. Turkbey