REFERENCIAS

[1] Al Kattan I.: Workload balance of cells in designing of multiple cellular manufacturing Systems. Manufacturing Technology Management, **16**(2), 178-196(2005)

[2] Araujo L, Cervigón C.: Algoritmos evolutivos: un enfoque práctico. Alfaomega (2009)

[3] Boulif M. and Atif K.: A new branch-&-bound-enhanced genetic algorithm for the manufacturing cell formation problem. Computers and Operations Research, **33**, 2219–2245(2006)

[4] Brown E. C., and Sumichras R. T.: CF-GGA: a grouping genetic algorithm for the cell formation problem. International Journal of Production Research, **39**(16), 3651 - 3669(2001)

[5] Burbridge J. L.: The introduction of group technology. Halsted Press and John Wiley, New York (1975)

[6] Car Z. and Mikac T.: Evolutionary approach for solving cell-formation problem in cell manufacturing. Advanced Engineering Informatics, 20,227–232 (2006)

[7] Chan F. T. S., Lau K. W., Chan P. L. Y., and Au K. C.: Macro-approach of Cell Formation Problem with Consideration of Machining Sequence. in Proceedings Conference of Engineering Management, **3**,1126-1130(2004)

[8] Chandrasekhara M. P., and Rajagopalan R.: MODROC: an extension of rankorder clustering for group technology. International Journal of Production Research, **24(**5), 1221-1233(1986)

[9] Díaz, J.A., Luna, D., Luna, R.: A GRASP heuristic for the manufacturing cell formation problem. TOP **20**, 679–706 (2012)

[10] Goldberg, D. E.: Genetic Algorithms in Search Optimization, and Machine Learning. Reading: Addison-Wesley (1989)

[11] Goncalves J.F. and Resende M.G.C.: An evolutionary algorithm for manufacturing cell formation. Computers & Industrial Engineering, **47**, 247–273(2004)

[12] Holland, J. H.: Adaptation in natural and artificial systems. Ann Arbor, The University of Michigan, Michigan (1975).

[13] Ham I., Hitomi K. and Yoshida T.: *Group technology* Kluwer-Nijhoff Publishing, Boston (1985)

[14] Kattan I. Al: Workload balance of cells in designing of multiple cellular manufacturing Systems. Manufacturing Technology Managemen, **16**(2), 178-196 (2005)

[15] Kumar C. S., and Chandrasekhara M. P.: Grouping efficacy: a quantitative criteria for goodness of block diagonal forms of binary matrices in group technology. International Journal of Production Research, **28**(2), 233-243 (1990)

[16] Kusiak A.: The generalized group technology concept. International Journal of Production Research, **24**(4), 561-569 (1987)

[17] Mahdavi I., Babak Javadi, Kaveh Fallah-Alipour and Jannes Slomp: Designing a new mathematical model for cellular manufacturing system based on cell utilization. Applied Mathematics and Computation, **190**(1), 662-670(2007)

[18] Mahdavi I., Paydar M. M., Solimanpur M. and Heidarzade A.: Genetic algorithm approach for solving a cell formation problem in cellular manufacturing. Expert Systems with Applications, **36**, 6598–6604(2009)

[19] Mahdavi I., Rezaeian J., Shanker K. and Amiri Z. Raftani.: A set partitioning based heuristic procedure for incremental cell formation with routing flexibility.

International Journal of Production Research, 44(24), 5343-5361(2006)

[20] Mahapatra S. S. and Sudhakara Pandian R.: Genetic cell formation using ratio level data in cellular manufacturing Systems. International Journal of Advance Manufacturing Technology, **38**,630–640(2008)

[21]Mak K. L., Wong Y. S. and Wang X. X.: An Adaptive Genetic Algorithm for Manufacturing Cell Formation. International Journal of Advance Manufacturing Technology, **16**, 491–497(2000)

[22] Mitrofanov S. P.: *Group technology in industry*, vol 1-2. Mashinostroienie, Leningrad (1983).

[23] Murugan M. and Selladurai V.: Manufacturing cell design with reduction in setup time through genetic algorithm. Theoretical and Applied Information Technology, **3**, 76-97 (2005)

[24] Onwubolu G. C. and Mutingi M. A.: Genetic Algorithm Approach to Cellular Manufacturing Systems. Computers and Industrial Engineering, **39**,125-144 (2001)

[25] Saeedi S., Solimanpur M., Mahdavi I.: Solving cell formation problem in cellular manufacturing using ant-colony-based optimization. International Journal of Advanced Manufacturing Technology, **50**, 1135–1144(2010)

[26] Saeedi S., Solimanpur M., Mahdavi I. and Javadian N.: Solving cell formation Heuristic approaches for cell formation in cellular manufacturing. Journal of Software Engineering and Applications, **3**,674–682(2010)

[27] Spiliopoulos K. and Sofianopoulou S.: An efficient ant colony optimization system for the manufacturing cells formation problem. International Journal of Advance Manufacturing Technology, **36**,589–597(2008)

[28] Spiliopoulos K. and Sofianopoulou S.: Designing manufacturing cells: a staged approach and a tabu search algorithm. International Journal of Production Research, **41**(11), 2531–2546(2003)

[29] Tunnukij T. and Hicks C.: An Enhanced Grouping Genetic Algorithm for solving the cell formation problema. International Journal of Production Research, **47**(1), 1989–2007(2009)

[30]Won Y. U.: Two-phase approach to GT cell formation using efficient pmedian formulations. International Journal of Production Research, **38(**7), 1601-1613(2000)

[31] Wu X., Chu C., Wang Y. and Yan W.: A genetic algorithm for cellular manufacturing design and layout. European Operational Research, **181**,156–167(2007)

[32] Yin Y., Yasuda K. and Hu L.: Formation of manufacturing cells based on material flows. International Journal of Advance Manufacturing Technology, **27**, 159–165(2005)