# Bibliografie

1. M.Bartholomew-Bigs, *Nonlinear Optimization with Financial Applications*, Kluwer Academic Publisher, 2005
2. J. C. Chen, C-C Wub, C-W Chen, K.-H. Chen, *Flexible job shop scheduling with parallel machines using Genetic Algorithmand Grouping Genetic Algorithm*, Expert Systems with Applications 39 (2012) 10016–10021
3. C. Cocianu, L. State, M. Mircea, *GA-Based Attempts to Improve the Recognition Rate and Generalization Capacity of the Nonlinear Soft Margin Support Vector Machines*, in Proceedings of the 18th *International Conference on System Theory, Control and Computing*, Institute of Electrical and Electronics Engineers ( IEEE), 2014, pp.885-890, ISBN: 978-147-994-600-6
4. L. Davis, *Handbook of Genetic Algorithms*, Van Nostrand Reinhold, 1992
5. S. Edelkamp, S. Schrodl, *Heuristic Search. Theory and Applications*, Morgan Kaufman, 2012
6. A. E. Eibden, J. E. Smith, *Introduction to Evolutionary Computing,* Springer-Verlag, 2003
7. A.E. Eiben, J.I. van Kemenade, J.N. Kok, *Orgy in the computer:Multiparent reproduction in genetic algorithms*, Lecture Notes in Artificial Intelligence, 2000
8. A.E. Eiben, C.A. Schippers, *On evolutionry exploration and exploitation*, Fundamenta Informaticae, 35, 1993
9. D.E. Goldberg, *Genetic Algorithms in Search, Optimization and Machine Learning*, Addison-Wesley, 1989
10. D.E. Goldberg, R. Lingle, *Alleles, loci. and the traveling salesman problem*, Proceedings of the 1st International Conference on Genetic Algorithms and Their Applications, Lawrence Erlbaum,1985
11. B.H. Hahn, D.T. Valentine, *Essential MATLAB for Engineers and Scientists*, Fifth Edition, Academic Press, 2013
12. J.H. Holland, *Adaptation in Natural and Artificial Systems*, MIT Press, 1992; first edition: 1975
13. Z. Michalewicz, M. Schoenauer, *Evolutionary algorithms for constrained parameter optimization problems*, Evolutionary Computation, pp. 1-32, 1996
14. R. Qing-dao-er-ji, Y. Wang, *A new hybrid genetic algorithm for job shop scheduling problem*, 2012, Computers & Operations Research 39 (2012), pp. 2291–2299
15. N. M. Razali, J. Geraghty, *Genetic Algorithm Performance with Different Selection Strategiesin Solving TSP*, Proceedings of the World Congress on Engineering 2011 Vol II WCE 2011, July 6 - 8, 2011, London, U.K.
16. J.E. Smith, F. Vavac, *Replacement strategies in steady state genetic algorithms: dynamic environments*, Journal of Computing and Information Technology, pp. 49-60, 1999
17. L. State, C. Cocianu, P. Vlamos, D. Constantin, *Neural Approaches to Image Compression/Decompression Using PCA Based Learning Algorithms*, PRIS 2008, June 12-13, Proceedings of The 8th International Workshop on Pattern Recognition in Information Systems (PRIS 2008) 12-13 June, 2008 - Barcelona – Spain In conjunction with the 10th International Conference on Enterprise Information Systems (ICEIS 2008), ISBN 978-989-8111-42-5, pp. 187-192
18. G. Syswerda, *Uniform crossover in genetic algorithms* in: *Hanbook of Genetic Algorithms*, Van Nostrand Reinhold, 1992
19. Talbi. E, *Metaheuristics : from design to implementation*, John Wiley and Sons, USA, 2009.
20. C. Uscatu, C. Cocianu, B. Ghilic-Micu, M. Stoica, M. Mircea, *Algoritmi si tehnici de programare*, Editura ASE, 2014
21. P. Wang, Edt., *Pattern Recognition, Machine Intelligence and Biometrics*, Springer, 2011
22. D. Whitley, *Permutations*, in *Evolutionary Computation 1:Basic Algorithms and Operators*, Institute of Physics Publishing, Bristol, 2000