

## Список литературы

- [1] T. Gaube and F. Rothlauf, The link and node biased encoding revisited: Bias and adjustment of parameters, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 1–10, Como, Italy, 2001, Springer-Verlag.
- [2] Y. Li, An effective implementation of a direct spanning tree representation in gas, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 11–19, Como, Italy, 2001, Springer-Verlag.
- [3] I. Ljubic and G. R. Raidl, An evolutionary algorithm with stochastic hill-climbing for the edge-biconnectivity augmentation problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 20–29, Como, Italy, 2001, Springer-Verlag.
- [4] P. Chardaire, G. P. McKeown, and J. A. Maki, Application of grasp to the multiconstraint knapsack problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 30–39, Como, Italy, 2001, Springer-Verlag.
- [5] J. Levenhagen, A. Bortfeldt, and H. Gehring, Path tracing in genetic algorithms applied to the multiconstrained knapsack problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 40–49, Como, Italy, 2001, Springer-Verlag.
- [6] J. Gottlieb, On the feasibility problem of penalty-based evolutionary algorithms for knapsack problems, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 50–59, Como, Italy, 2001, Springer-Verlag.
- [7] R. Cordone and F. Maffioli, Coloured ant system and local search to design local telecommunication networks, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 60–69, Como, Italy, 2001, Springer-Verlag.
- [8] K. Doerner, R. F. Hartl, and M. Reimann, Cooperative ant colonies for optimizing resource allocation in transportation, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 70–79, Como, Italy, 2001, Springer-Verlag.
- [9] V. Maniezzo, A. Carbonaro, M. Golfarelli, and S. Rizzi, An ants algorithm for optimizing the materialization of fragmented views in data warehouses: Preliminary results, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 80–89, Como, Italy, 2001, Springer-Verlag.
- [10] I. Meents, A genetic algorithm for the group-technology problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 90–99, Como, Italy, 2001, Springer-Verlag.
- [11] S. Gregori, R. Rossi, G. Torelli, and V. Liberali, Generation of optimal unit distance codes for rotary encoders through simulated evolution, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 100–109, Como, Italy, 2001, Springer-Verlag.
- [12] J. Poland, K. Knödler, and A. Zell, On the efficient construction of rectangular grids from given data points, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 110–119, Como, Italy, 2001, Springer-Verlag.

- [13] D. A. Fotakis, S. D. Likothanassis, and S. K. Stefanakos, An evolutionary annealing approach to graph coloring, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 120–129, Como, Italy, 2001, Springer-Verlag.
- [14] G. R. Filho and L. A. N. Lorena, A constructive evolutionary approach to school timetabling, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 130–139, Como, Italy, 2001, Springer-Verlag.
- [15] B. Weinberg, V. Bachelet, and E.-G. Talbi, A co-evolutionist meta-heuristic for the assignment of the frequencies in cellular networks, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 140–149, Como, Italy, 2001, Springer-Verlag.
- [16] D.-R. Din and S.-S. Tseng, A simulated annealing algorithm for extended cell assignment problem in a wireless atm network, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 150–160, Como, Italy, 2001, Springer-Verlag.
- [17] P. A. Borisovsky and A. V. Eremeev, On performance estimates for two evolutionary algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 161–171, Como, Italy, 2001, Springer-Verlag.
- [18] R. Lehn and P. Kuntz, A contribution to the study of the fitness landscape for a graph drawing problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 172–181, Como, Italy, 2001, Springer-Verlag.
- [19] M. Pelillo, Evolutionary game dynamics in combinatorial optimization: An overview, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 182–192, Como, Italy, 2001, Springer-Verlag.
- [20] R. Baraglia, J. I. Hidalgo, and R. Perego, A parallel hybrid heuristic for the tsp, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 193–202, Como, Italy, 2001, Springer-Verlag.
- [21] E. K. Burke, P. I. Cowling, and R. Keuthen, Effective local and guided variable neighbourhood search methods for the asymmetric travelling salesman problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 203–212, Como, Italy, 2001, Springer-Verlag.
- [22] M. Guntsch and M. Middendorf, Pheromone modification strategies for ant algorithms applied to dynamic tsp, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 213–222, Como, Italy, 2001, Springer-Verlag.
- [23] S. Esquivel, C. Gatica, and R. Gallard, Conventional and multirecombinative evolutionary algorithms for the parallel task scheduling problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 223–232, Como, Italy, 2001, Springer-Verlag.
- [24] R. Smith, B. Dike, A. El-Fallah, B. Ravichandran, and R. Mehra, Two-sided, genetics-based learning to discover novel fighter combat maneuvers, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 233–242, Como, Italy, 2001, Springer-Verlag.

- [25] H. O. Nyongesa, Generation of time-delay algorithms for anti-air missiles using genetic programming, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 243–247, Como, Italy, 2001, Springer-Verlag.
- [26] E. Piazza, Surface movement radar image correlation using genetic algorithm, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 248–256, Como, Italy, 2001, Springer-Verlag.
- [27] T. Grosche, A. Heinzl, and F. Rothlauf, A conceptual approach for simultaneous flight schedule construction with genetic algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 257–267, Como, Italy, 2001, Springer-Verlag.
- [28] L. Ballerini, Genetic snakes for color images segmentation, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 268–277, Como, Italy, 2001, Springer-Verlag.
- [29] A. Bevilacqua, R. Campanini, and N. Lanconelli, A distributed genetic algorithm for parameters optimization to detect microcalcifications in digital mammograms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 278–287, Como, Italy, 2001, Springer-Verlag.
- [30] A. M. Boumaza and J. Louchet, Dynamic flies: Using real-time parisian evolution in robotics, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 288–297, Como, Italy, 2001, Springer-Verlag.
- [31] F. Corno, G. Cumani, M. S. Reorda, and G. Squillero, Arpia: a high-level evolutionary test signal generator, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 298–306, Como, Italy, 2001, Springer-Verlag.
- [32] A. R. F. da Silva, A pursuit architecture for signal analysis, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 307–316, Como, Italy, 2001, Springer-Verlag.
- [33] M. Köppen, B. Nickolay, and H. Treugut, Genetic algorithm based heuristic measure for pattern similarity in kirlian photographs, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 317–324, Como, Italy, 2001, Springer-Verlag.
- [34] J. L. Véhel and E. Lutton, Evolutionary signal enhancement based on hölder regularity analysis, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 325–334, Como, Italy, 2001, Springer-Verlag.
- [35] T. Minerva and I. Poli, Building arma models with genetic algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 335–342, Como, Italy, 2001, Springer-Verlag.
- [36] M. O’Neill, A. Brabazon, C. Ryan, and J. Collins, Evolving market index trading rules using grammatical evolution, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 343–352, Como, Italy, 2001, Springer-Verlag.

- [37] G. Olague, Autonomous photogrammetric network design using genetic algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 353–363, Como, Italy, 2001, Springer-Verlag.
- [38] V. Ramos, The biological concept of neoteny in evolutionary colour image segmentation: Simple experiments in simple non-memetic genetic algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 364–373, Como, Italy, 2001, Springer-Verlag.
- [39] A. V. Spirov, D. L. Timakin, J. Reinitz, and D. Kosman, Using of evolutionary computations in image processing for quantitative atlas of drosophila genes expression, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 374–383, Como, Italy, 2001, Springer-Verlag.
- [40] S. Delepouille, P. Preux, and J.-C. Darcheville, Selection of behavior in social situations, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 384–393, Como, Italy, 2001, Springer-Verlag.
- [41] E. Hart and P. Ross, Clustering moving data with a modified immune algorithm, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 394–403, Como, Italy, 2001, Springer-Verlag.
- [42] E. Lamma, L. M. Pereira, and F. Riguzzi, Belief revision by lamarckian evolution, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 404–413, Como, Italy, 2001, Springer-Verlag.
- [43] F. Neri, A study on the effect of cooperative evolution on concept learning, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 414–420, Como, Italy, 2001, Springer-Verlag.
- [44] F. B. Pereira and E. Costa, The influence of learning in the evolution of busy beavers, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 421–430, Como, Italy, 2001, Springer-Verlag.
- [45] M. Bufé *et al.*, Automated solution of a highly constrained school timetabling, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 431–440, Como, Italy, 2001, Springer-Verlag.
- [46] M. den Besten, T. Stützle, and M. Dorigo, Design of iterated local search algorithms, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 441–451, Como, Italy, 2001, Springer-Verlag.
- [47] C. D. Stefano and A. G. B. Tettamanzi, An evolutionary algorithm for solving the school time-tabling problem, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 452–462, Como, Italy, 2001, Springer-Verlag.
- [48] M. Gröbner and P. Wilke, Optimizing employee schedules by a hybrid genetic algorithm, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, LNCS Vol. 2037, pp. 463–472, Como, Italy, 2001, Springer-Verlag.

- [49] P. Lacomme, C. Prins, and W. Ramdane-Chérif, A genetic algorithm for the capacitated arc routing problem and its extensions, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 473–483, Como, Italy, 2001, Springer-Verlag.
- [50] D. Merkle and M. Middendorf, A new approach to solve permutation scheduling problems with ant colony optimization, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 484–494, Como, Italy, 2001, Springer-Verlag.
- [51] N. Urquhart, B. Paechter, and K. Chisholm, Street-based routing using an evolutionary algorithm, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 495–504, Como, Italy, 2001, Springer-Verlag.
- [52] C. H. Westerberg and J. Levine, Investigation of different seeding strategies in a genetic planner, in *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, edited by E. J. Boers *et al.*, , LNCS Vol. 2037, pp. 505–514, Como, Italy, 2001, Springer-Verlag.
- [53] E. J. Boers *et al.*, editors, *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, , LNCS Vol. 2037, Como, Italy, 2001, Springer-Verlag.