Список литературы

[Ballerini 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 268–277, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Baraglia et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 193–202, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Bevilacqua et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 278–287, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Boers et al. 2001] E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, editors, *Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings*, volume 2037 of *LNCS*, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Borisovsky and Eremeev 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 161–171, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Boumaza and Louchet 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 288–297, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Bufé et al. 2001] M. Bufé, T. Fischer, H. Gubbels, C. Häcker, O. Hasprich, C. Scheibel, K. Weicker, N. Weicker, M. Wenig, and C. Wolfangel, 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 431–440, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Burke et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 203–212, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Chardaire et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 30–39, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Cordone and Maffioli 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 60–69, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Corno et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 298–306, Como, Italy, 18-19 April 2001, Springer-Verlag.

[da Silva 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 307–316, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Delepoulle et al. 2001] S. Delepoulle, 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 384–393, Como, Italy, 18-19 April 2001, Springer-Verlag.

[den Besten et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 441–451, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Din and Tseng 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart,

P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 150–160, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Doerner et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 70–79, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Esquivel et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 223–232, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Filho and Lorena 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 130–139, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Fotakis et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 120–129, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Gaube and Rothlauf 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 1–10, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Gottlieb 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 50–59, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Gregori et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 100–109, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Gröbner and Wilke 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 463–472, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Grosche et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 257–267, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Guntsch and Middendorf 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 213–222, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Hart and Ross 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 394–403, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Köppen et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 317–324, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Lacomme et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 473–483, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Lamma et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 404–413, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Lehn and Kuntz 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 172–181, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Levenhagen et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 40–49, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Li 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 11–19, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Ljubic and Raidl 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 20–29, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Maniezzo et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 80–89, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Meents 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 90–99, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Merkle and Middendorf 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 484–494, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Minerva and Poli 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 335–342, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Neri 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 414–420, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Nyongesa 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 243–247, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Olague 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 353–363, Como, Italy, 18-19 April 2001, Springer-Verlag.

[O'Neilli et al. 2001]   M. O'Neilli, 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 343–352, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Pelillo 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 182–192, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Pereira and Costa 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 421–430, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Piazza 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 248–256, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Poland et al. 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 110–119, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Ramos 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 364–373, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Smith et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 233–242, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Spirov et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 374–383, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Stefano and Tettamanzi 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 452–462, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Urquhart et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 495–504, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Véhel and Lutton 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 325–334, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Weinberg et al. 2001] 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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 140–149, Como, Italy, 18-19 April 2001, Springer-Verlag.

[Westerberg and Levine 2001]   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, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, volume 2037 of *LNCS*, pp. 505–514, Como, Italy, 18-19 April 2001, Springer-Verlag.