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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 1-10.
- [2] Y. Li, "An effective implementation of a direct spanning tree representation in gas," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 11-19.
- [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. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 20–29.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 30-39.
- [5] J. Levenhagen, A. Bortfeldt, and H. Gehring, "Path tracing in genetic algorithms applied to the multiconstrained knapsack problem," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 40-49.
- [6] J. Gottlieb, "On the feasibility problem of penalty-based evolutionary algorithms for knapsack problems," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 50-59.
- [7] R. Cordone and F. Maffioli, "Coloured ant system and local search to design local telecommunication networks," in *Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP*, *Evo Flight*, *Evo IASP*, *Evo Learn*, and *Evo STIM*. *Proceedings*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 60–69.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 70-79.
- [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. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 80-89.
- [10] I. Meents, "A genetic algorithm for the group-technology problem," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl,

- R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 90–99.
- [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*. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 100–109.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 110-119.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 120-129.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 130-139.
- [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*. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 140–149.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 150–160.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 161-171.
- [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. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 172–181.
- [19] M. Pelillo, "Evolutionary game dynamics in combinatorial optimization: An overview," in Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 182-192.
- [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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi,

- G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 193–202.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 203-212.
- [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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 213–222.
- [23] S. Esquivel, C. Gatica, and R. Gallard, "Conventional and multirecombinative evolutionary algorithms for the parallel task scheduling problem," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 223–232.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 233–242.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 243-247.
- [26] E. Piazza, "Surface movement radar image correlation using genetic algorithm," in Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 248–256.
- [27] T. Grosche, A. Heinzl, and F. Rothlauf, "A conceptual approach for simultaneous flight schedule construction with genetic algorithms," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 257–267.
- [28] L. Ballerini, "Genetic snakes for color images segmentation," in Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 268–277.
- [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. Evo Workshops2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 278–287.

- [30] A. M. Boumaza and J. Louchet, "Dynamic flies: Using real-time parisian evolution in robotics," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 288–297.
- [31] F. Corno, G. Cumani, M. S. Reorda, and G. Squillero, "Arpia: a high-level evolutionary test signal generator," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 298-306.
- [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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 307–316.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 317–324.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 325-334.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 335–342.
- [36] 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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 343-352.
- [37] G. Olague, "Autonomous photogrammetric network design using genetic algorithms," in Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 353-363.
- [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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 364–373.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 374–383.

- [40] 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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 384-393.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 394–403.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 404-413.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 414-420.
- [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*, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 421–430.
- [45] 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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 431-440.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 441-451.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 452–462.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 463-472.
- [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. Evo Workshops 2001: Evo COP*, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 473–483.

- [50] D. Merkle and M. Middendorf, "A new approach to solve permutation scheduling problems with ant colony optimization," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 484-494.
- [51] N. Urquhart, B. Paechter, and K. Chisholm, "Street-based routing using an evolutionary algorithm," in Applications of Evolutionary Computing. Evo Workshops 2001: Evo COP, Evo Flight, Evo IASP, Evo Learn, and Evo STIM. Proceedings, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 495–504.
- [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, ser. LNCS, E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001, pp. 505-514.
- [53] E. J. Boers, S. Cagnoni, J. Gottlieb, E. Hart, P. L. Lanzi, G. Raidl, R. E. Smith, and H. Tijink, Eds., Applications of Evolutionary Computing. EvoWorkshops2001: EvoCOP, EvoFlight, EvoIASP, EvoLearn, and EvoSTIM. Proceedings, ser. LNCS, vol. 2037. Como, Italy: Springer-Verlag, 18-19 April 2001.