Список литературы

[Abbass 2001]

[Abou-Assaleh et al. 2001]

[Aguilar and Cerrada 2001]

[Aguilar and Leiss 2001]

[Aguilar 2001]

[Aguirre et al. 2001]

[Albert and Goldberg 2001]

- H. A. Abbass, A single queen single worker honey—bees approach to 3-sat, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 807–814, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- T. Abou-Assaleh, J. Zhang, and N. Cercone, Evolution of recurrent neural networks to control autonomous life agents, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 903, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Aguilar and M. Cerrada, Fuzzy classifier system and genetic programming on system identification problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1245–1251, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Aguilar and E. L. Leiss, A data dependent loop scheduler based on genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1183, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Aguilar, Ant colony optimization, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 801, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- H. E. Aguirre, K. Tanaka, and S. Oshita, Increasing the robustness of distributed genetic algorithms by parallel cooperative-competitive genetic operators, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 195–202, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- L. A. Albert and D. E. Goldberg, Efficient evaluation relaxation under integrated fitness functions, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman,

A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 751, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

L. A. Anbarasu, V. Sundararajan, and P. Narayanasamy, Parallel genetic algorithm for performance-driven sequence alignment, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1015, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. Arai and K. Sycara, Credit assignment method for learning effective stochastic policies in uncertain domain, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 815–822, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Balling and S. Wilson, The maximin fitness function for multi-objective evolutionary computation: Application to city planning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1079–1084, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. J. C. Barbosa and A. M. S. Barreto, An interactive genetic algorithm with co-evolution of weights for multiobjective problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 203–210, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Barry, A hierarchical xcs for long path environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 913–920, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. K. Bassett, R. P. Wiegand, and K. A. De Jong, Evolving multi-agent behaviors using a tunable problem landscape, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1133, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Anbarasu et al. 2001]

[Arai and Sycara 2001]

[Balling and Wilson 2001]

[Barbosa and Barreto 2001]

[Barry 2001]

[Bassett et al. 2001]

[Belaidouni and Hao 2001]

[Belding 2001]

[Berlanga et al. 2001]

[Bongard and Pfeifer 2001]

[Booker 2001]

[Bosman and Thierens 2001]

[Bot et al. 2001]

M. Belaidouni and J.-K. Hao, Max-csp and fitness landscapes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 752, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. C. Belding, Potholes on the royal road, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 211–218, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Berlanga, P. Isasi, and J. Segovia, Interactive evolutionary computation with small population to generate gestures in avatars, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 823–828, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. C. Bongard and R. Pfeifer, Repeated structure and dissociation of genotypic and phenotypic complexity in artificial ontogeny, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 829–836, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

L. B. Booker, Classifier systems, endogenous fitness, and delayed rewards: A preliminary investigation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 921–926, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. A. N. Bosman and D. Thierens, Crossing the road to efficient ideas for permutation problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 219–226, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. C. J. Bot, N. Urquhart, and K. Chisholm, Agent motion planning with gas enhanced by memory models, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke,

[Bousonville 2001]

[Branke et al. 2001]

[Branke 2001]

[Braud and Vrain 2001]

[Bruce and Miikkulainen 2001]

[Burke et al. 2001]

[Butz and Pelikan 2001]

pp. 227–234, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- T. Bousonville, Local search and evolutionary computation for arc routing in garbage collection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1137–1143, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Branke, C. Schmidt, and H. Schmeck, Efficient fitness estimation in noisy environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 243–250, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Branke, Reducing the sampling variance when searching for robust solutions, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 235–242, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- A. Braud and C. Vrain, A study of the scalability of a data mining genetic algorithm on a distributed database, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 753, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Bruce and R. Miikkulainen, Evolving populations of expert neural networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 251–257, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- E. K. Burke, P. Cowling, J. D. L. Silva, and S. Petrovic, Combining hybrid mataheuristics and populations for the multiobjective optimisation of space allocation problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1252–1259, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- M. V. Butz and M. Pelikan, Analyzing the evolutionary pressures in xcs, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*,

[Butz et al. 2001]

[Cantu-Paz 2001]

[Carvalho and Freitas 2001]

[Chen and Ho 2001a]

[Chen and Ho 2001b]

[Choi and Moon 2001]

[Christensen and Oppacher 2001]

edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 935–942, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. V. Butz, T. Kovacs, P. L. Lanzi, and S. W. Wilson, How xcs evolves accurate classifiers, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 927–934, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. Cantu-Paz, Single vs. multiple runs under constant computation cost, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 754, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. R. Carvalho and A. A. Freitas, An immunological algorithm for discovering small-disjunct rules in data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 904, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H.-M. Chen and S.-Y. Ho, Designing an optimal evolutionary fuzzy decision tree for data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 943–950, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J.-H. Chen and S.-Y. Ho, Multi-objective evolutionary optimization of flexible manufacturing systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1260–1267, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S.-S. Choi and B.-R. Moon, A hybrid genetic search for the sorting network problem with evolving parallel layers, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 258–265, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. Christensen and F. Oppacher, What can we learn from no free lunch? a first attempt to characterize the

[Coelho et al. 2001]

[Coello and Pulido 2001]

[Congdon 2001]

[Corne et al. 2001]

[Correa et al. 2001]

[Craenen and Eiben 2001]

concept of a searchable function, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1219–1226, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- A. L. V. Coelho, D. Weingaertner, and F. J. Von Zuben, Evolving heterogeneous neural networks for classification problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 266–273, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C. A. Coello and G. T. Pulido, Multiobjective optimization using a micro-genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 274–282, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C. B. Congdon, An exploration in combatting premature convergence, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 755, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- D. W. Corne, N. R. Jerram, J. D. Knowles, and M. J. Oates, Pesa-ii: Region-based selection in evolutionary multiobjective optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 283–290, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- E. S. Correa, M. T. A. Steiner, A. A. Freitas, and C. Carnieri, A genetic algorithm for the p-median problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1268–1275, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- B. G. W. Craenen and A. E. Eiben, Stepwise adaption of weights with refinement and decay on constraint satisfaction problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk,

[Dasgupta and Gonzalez 2001]

[Dastani et al. 2001]

[de Jong et al. 2001]

[de Oliveira and Lorena 2001]

[Deaton 2001]

[Denzinger and Kordt 2001]

[Determan and Foster 2001]

M. H. Garzon, and E. Burke, pp. 291–298, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. Dasgupta and F. A. Gonzalez, Evolving complex fuzzy classifier rules using a linear tree genetic representation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 299–305, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Dastani, E. Marchiori, and R. Voorn, Finding perceived pattern structures using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 3–10, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. D. de Jong, R. A. Watson, and J. B. Pollack, Reducing bloat and promoting diversity using multi-objective methods, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 11–18, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. C. M. de Oliveira and L. A. N. Lorena, A constructive genetic algorithm for the linear gate assignment problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 756, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Deaton, Dna and quantum computers, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 989–996, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Denzinger and M. Kordt, On the influence of learning time on evolutionary online learning of cooperative behavior, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 837–844, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. C. Determan and J. A. Foster, A genetic algorithm for expert system rule generation, in *Proceedings of* the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 757, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Divina and Marchiori 2001]

F. Divina and E. Marchiori, Knowledge based evolutionary programming for inductive learning in first-order logic, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 173, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Doerner et al. 2001]

K. F. Doerner, R. F. Hartl, and M. Reimann, Are competants more competent for problem solving? - the case of a routing and scheduling problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 802, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Downing 2001a]

K. L. Downing, Adaptive genetic programs via reinforcement learning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 19–26, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Downing 2001b]

K. L. Downing, Modular designer chemistries for artificial life, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 845–852, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Dozier 2001]

G. Dozier, Evolutionary hill-climbing, virtual constraints, and recurrent dynamic csps, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 758, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Duan and Povinelli 2001]

M. Duan and R. J. Povinelli, Estimating stock price predictability using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 174, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Ekman et al. 2001]

[El-Maleh et al. 2001]

[Elhadef and Coley 2001]

[Enochs and Wainwright 2001]

[Eriksson and Lindgren 2001]

[Espinoza et al. 2001]

[Farhang-Mehr and Azarm 2001]

M. Ekman, A. Magnusson, and P. Nordin, Two approaches for high-level evolvable hardware using function blocks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1215, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. H. El-Maleh, S. M. Sait, and S. Z. Shazli, An iterative heuristic for state justification in sequential automatic test pattern generation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1019–1025, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Elhadef and D. A. Coley, Adaptive mutation for semi-separable problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 306–312, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

B. P. Enochs and R. L. Wainwright, Forging optimal solutions to the edge-coloring problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 313–319, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Eriksson and K. Lindgren, Evolution of strategies in repeated stochastic games with full information of the payoff matrix, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 853–859, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

F. P. Espinoza, B. S. Minsker, and D. E. Goldberg, A self adaptive hybrid genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 759, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Farhang-Mehr and S. Azarm, Multi-objective genetic algorithms with concepts from statistical thermodynamics, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H.

[Fernandez et al. 2001]

[French and Damper 2001]

[Frey and Leugering 2001]

[Fu et al. 2001]

[Fuhner and Jacob 2001]

[Fujimoto and Shimohara 2001]

[Furutani 2001]

Garzon, and E. Burke, p. 1075, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- F. Fernandez, J. M. Sanchez, and M. Tomassini, A new methodology for the placement and routing problem based on padgp, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 175, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. L. B. French and R. I. Damper, Evolving a nervous system of spiking neurons for a behaving robot, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1099–1106, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C. Frey and G. Leugering, Evolving strategies for global optimization a finite state machine approach, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 27–33, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C. Fu, S. W. Wilson, and L. Davis, Studies of the xcsi classifier system on a data mining problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 985, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- T. Fuhner and C. Jacob, Evolvision an evolvica visualization tool, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 176, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- Y. Fujimoto and K. Shimohara, Proposal of ecoevolution, in *Proceedings of the Genetic and Evolutionary* Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 760, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- H. Furutani, Study of crossover in one max problem by linkage analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon,

[Gallagher 2001]

[Gao and Culberson 2001]

[Gargano and Edelson 2001]

[Garzon and Oehmen 2001]

[Gen and Lee 2001]

[Gerard and Sigaud 2001]

[Globus et al. 2001]

H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 320–327, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. C. Gallagher, Evolution of dynamical neural network arrays to correct arrhythmias in a simulated human heart, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1189–1196, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

Y. Gao and J. Culberson, The phase transition in nk landscapes is easy, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1227–1234, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. L. Gargano and W. Edelson, Optimal sequenced matroid bases solved by ga's with feasible search space including applications, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1447, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. H. Garzon and C. Oehmen, Distributed virtual test tubes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 997–1004, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Gen and C. Lee, Reliability optimization design using hybrid nn-ga with fuzzy logic controller, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1448, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. Gerard and O. Sigaud, Adding a generalization mechanism to yacs, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 951–957, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Globus, J. Lawton, and T. Wipke, Graph crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen,

S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 761, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. C. Goldbarg and E. F. Gouvea, Extra-intracellular transgenetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 762, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. E. Goldberg and K. Sastry, A practical schema theorem for genetic algorithm design and tuning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 328–335, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. E. Goldberg, K. Sastry, and T. Latoza, On the supply of building blocks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 336–342, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Goto and Y. Sato, Motion analysis of moving objects with genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1276–1283, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Gottlieb, B. A. Julstrom, G. R. Raidl, , and F. Rothlauf, Prufer numbers: A poor representation of spanning trees for evolutionary search, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 343–350, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

W. A. Greene, Non-linear bit arrangements in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 763, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Guntsch, M. Middendorf, and H. Schmeck, An ant colony optimization approach to dynamic tsp, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen,

[Goldbarg and Gouvea 2001]

[Goldberg and Sastry 2001]

[Goldberg et al. 2001]

[Goto and Sato 2001]

[Gottlieb et al. 2001]

[Greene 2001]

[Guntsch et al. 2001]

[Handa et al. 2001]

[Hart 2001]

[Hartke 2001]

[Heckendorn 2001]

[Hernandez et al. 2001]

[Hingston 2001]

[Hornby and Pollack 2001]

S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 860–867, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Handa, T. Horiuchi, O. Katai, T. Kaneko, T. Konishi, and M. Baba, Fusion of coevolutionary ga and machine learning techniques through effective schema extraction, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 764, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

W. E. Hart, Self-adaptive evolutionary pattern search algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1076, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

B. Hartke, Global geometry optimization of atomic and molecular clusters by genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1284–1291, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. B. Heckendorn, Of heisenberg and epistasis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 765, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. C. Hernandez, A. Ribagorda, P. Isasi, and J. M. Sierra, Finding near optimal parameters for linear congruential pseudorandom number generators by means of evolutionary computation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1292–1298, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. Hingston, A genetic algorithm for regular inference, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1299–1306, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

G. S. Hornby and J. B. Pollack, Body-brain co-evolution using l-systems as a generative encoding, in *Proceedings*

[Horng et al. 2001]

[Howard and Roberts 2001]

[Hsu and Hsu 2001]

[Huang 2001a]

[Huang 2001b]

[Huber and Schell 2001]

[Huber 2001]

of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 868–875, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- J.-T. Horng, M.-H. Jin, and C.-Y. Kao, Solving fixed channel assignment problems by an evolutionary approach, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 351–358, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- D. Howard and S. C. Roberts, Genetic programming solution of the convection-diffusion equation, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 34–41, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- W. W. Hsu and C.-C. Hsu, The spontaneous evolution genetic algorithm for solving the traveling salesman problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 359–366, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C.-F. Huang, An analysis of mate selection in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 766, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C.-F. Huang, Independent sampling genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 367–374, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. Huber and T. Schell, Mixed size tournament selection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 767, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Huber, Estimation of mixture parameters by a hybrid ga/em method: Application to radar remote

sensing data, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1449, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Huhse and Zell 2001]

J. Huhse and A. Zell, Evolution strategy with neighborhood attraction - a robust evolution strategy, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1026–1033, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Igel and Kreutz 2001]

C. Igel and M. Kreutz, Operator adaptation in structure optimization of neural networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1094, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Imamura and Foster 2001]

K. Imamura and J. A. Foster, Fault-tolerant computing with n-version genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 178, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Jain et al. 2001]

B. J. Jain, H. Pohlheim, and J. Wegener, On termination criteria of evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 768, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Jansen and Wegener 2001a]

T. Jansen and I. Wegener, On the utility of populations in evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1034–1041, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Jansen and Wegener 2001b]

T. Jansen and I. Wegener, Real royal road functions - where crossover provably is essential, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 375–382, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Jensen 2001a]

[Jensen 2001b]

[Jiang et al. 2001]

[Jimenez et al. 2001]

[Jin et al. 2001a]

[Jin et al. 2001b]

[Johnson 2001]

M. T. Jensen, Finding worst-case flexible schedules using coevolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1144–1151, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. T. Jensen, A remark on solving minimax problems with coevolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 769, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Jiang, K. Y. Szeto, Y. Luo, and D. Hu, A genetic algorithm architecture by coordinating exploration and exploitation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 383–390, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. A. Jimenez, J. C. Abderraman, P. D. Cuesta, , and G. Winter, Solving elliptical partial differential equations in a natural way, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1307–1313, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H.-D. Jin, K.-S. Leung, and M.-L. Wong, Genetic-guided model-based clustering analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 770, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

Y. Jin, M. Olhofer, and B. Sendhoff, Dynamic weighted aggregation for evolutionary multi-objective optimization: Why does it work and how?, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1042–1049, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. L. Johnson, Genetic algorithms as algorithm adversaries, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk,

[Katagiri et al. 2001]

[Kee et al. 2001]

[Keijzer et al. 2001]

[Keller and Banzhaf 2001]

[Kennedy and Osborn 2001]

[Keymeulen et al. 2001]

[Kim and Bentley 2001]

M. H. Garzon, and E. Burke, pp. 1314–1321, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Katagiri, K. Hirasawa, J. Hu, and J. Murata, Network structure oriented evolutionary model – genetic network programming—and its comparison with, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 179, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. Kee, S. Airey, and W. Cyre, An adaptive genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 391–397, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Keijzer, V. Babovic, C. Ryan, M. O'Neill, and M. Cattolico, Adaptive logic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 42–49, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. E. Keller and W. Banzhaf, Evolution of genetic code on a hard problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 50–56, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. J. Kennedy and T. R. Osborn, A double-stranded encoding scheme with inversion operator for genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 398–407, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. Keymeulen, A. Stoica, M. Buehler, R. Zebulum, and V. Duong, Evolutionary mechanisms for smart on-board adaptive sensing applied to the meca electrometer, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1197–1204, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Kim and P. J. Bentley, An evaluation of negative selection in an artificial immune system for network

[Kim and Moon 2001a]

[Kim and Moon 2001b]

[Kim et al. 2001]

[Knowles and Corne 2001]

[Koizumi et al. 2001]

[Kordon and Smits 2001]

intrusion detection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1330–1337, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- J.-H. Kim and B.-R. Moon, Adaptive and dynamic elevator group control with a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1322–1329, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J.-P. Kim and B.-R. Moon, A hybrid genetic search for multi-way graph partitioning based on direct partitioning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 408–415, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- S.-H. Kim, Y.-H. Kim, and B.-R. Moon, A hybrid genetic algorithm for the max cut problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 416–423, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. D. Knowles and D. W. Corne, Benchmark problem generators and results for the multiobjective degree-constrained minimum spanning tree problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 424–431, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- S. Koizumi, S. Wakabayashi, T. Koide, K. Fujiwara, and N. Imura, A risc processor for high-speed execution of genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1338–1345, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- A. K. Kordon and G. F. Smits, Soft sensor development using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1346–1351,

[Korkmaz and Ucoluk 2001]

[Kosorukoff et al. 2001]

[Koza et al. 2001]

[Krasnogor and Smith 2001]

[Krink et al. 2001]

[Kwon and Moon 2001]

[Langdon and Buxton 2001]

San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. E. Korkmaz and G. Ucoluk, Controlling the genetic programming search, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 180, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Kosorukoff, J. Mittenthal, and D. Goldberg, Modeling of evolution of signaling networks in living cells by evolutionary computation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 905, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. R. Koza, W. Mydlowec, G. Lanza, J. Yu, and M. A. Keane, Automatic synthesis of both the topology and sizing of metabolic pathways using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 57–65, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

N. Krasnogor and J. Smith, Emergence of profitable search strategies based on a simple inheritance mechanism, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 432–439, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Krink, R. K. Ursem, and B. Filipic, Evolutionary algorithms in control optimization: The greenhouse problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 440–447, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

Y.-K. Kwon and B.-R. Moon, Personalized email marketing with a genetic programming circuit model, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1352–1358, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

W. B. Langdon and B. F. Buxton, Genetic programming for combining classifiers, in *Proceedings of the Genetic and*

[Lanzi 2001]

[Lee and Antonsson 2001]

[Li and Kwan 2001]

[Li et al. 2001]

[Liu et al. 2001]

[Liu 2001]

Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 66–73, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

- P. L. Lanzi, Mining interesting knowledge from data with the xcs classifier system, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 958–965, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C.-Y. Lee and E. K. Antonsson, Adaptive evolvability via non-coding segment induced linkage, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 448–453, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Li and R. S. K. Kwan, A fuzzy theory based evolutionary approach for driver scheduling, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1152–1158, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- Y. Li, X. Xin, N. Kikuchi, and K. Saitou, Optimal shape and location of piezoelectric materials for topology optimization of flextensional actuators, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1085–1090, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- X. Liu, S. Swift, and A. Tucker, Using evolutionary algorithms to tackle large scale grouping problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 454–460, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- Y. Liu, How to evolve a cooperative population by minimizing mutual information, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1095, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Llora and Garrell 2001]

[Lorenc 2001]

[Lovbjerg et al. 2001]

[Luke and Panait 2001]

[Luke 2001]

[Mao et al. 2001]

[Martin 2001a]

- X. Llora and J. M. Garrell, Knowledge-independent data mining with fine-grained parallel evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 461–468, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- B. Lorenc, Multidimensional scaling using evolutionary computation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1450, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- M. Lovbjerg, T. K. Rasmussen, and T. Krink, Hybrid particle swarm optimiser with breeding and subpopulations, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 469–476, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- S. Luke and L. Panait, A survey and comparison of tree generation algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 81–88, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- S. Luke, When short runs beat long runs, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 74–80, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Mao, K. Hirasawa, J. Hu, and J. Murata, Genetic symbiosis algorithm for multiobjective optimization problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 771, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- M. C. Martin, Visual obstacle avoidance using genetic programming: First results, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1107–1113, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Martin 2001b]

[Matsui and ichi Tokoro 2001]

[Mehrotra et al. 2001]

[Mendes et al. 2001]

[Menon 2001]

[Michaud et al. 2001]

[Miconi 2001]

P. Martin, Building a taxonomy of genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 182, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. Matsui and K. ichi Tokoro, Improving the performance of a genetic algorithm for minimum span frequency assignment problem with an adaptive mutation rate and a new initialization method, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1359–1366, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Mehrotra, C. L. Karr, and T. A. Zeiler, Application of genetic algorithm to determining worst-case gust loads and the dynamic response of aircraft structures, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1451, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. R. F. Mendes, F. de B. Voznika, J. C. Nievola, and A. A. Freitas, Discovering fuzzy classification rules with genetic programming and co-evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 183, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Menon, Building blocks: A combinatorial road to greed, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 477–484, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. R. Michaud, J. B. Zydallis, G. B. Lamont, P. K. Harmer, and R. Pachter, Protein structure prediction with ea immunological computation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1367–1374, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Miconi, A collective genetic algorithm, in *Proceedings* of the Genetic and Evolutionary Computation Conference

(GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 876–883, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Miki, T. Hiroyasu, and T. Mizuta, A new parallel distributed genetic algorithm applied to traveling salesman problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 772, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Miller, Evolution of program size in cartesian genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 184, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. Monsieurs and E. Flerackers, Increasing the diversity of a population in genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 185, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. J. Montana, A reconfigurable optimizing scheduler, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1159–1166, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. H. Moore and L. W. Hahn, Multilocus pattern recognition using cellular automata and parallel genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1452, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Murata, S. Kawakami, H. Nozawa, M. Gen, and H. Ishibuchi, Three-objective genetic algorithms for designing compact fuzzy rule-based systems for pattern classification problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 485–492, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Miki et al. 2001]

[Miller 2001]

[Monsieurs and Flerackers 2001]

[Montana 2001]

[Moore and Hahn 2001]

[Murata et al. 2001]

[Naudts et al. 2001]

[Nawa et al. 2001]

[Neri 2001]

[Nikolaev and Iba 2001]

[Noble and Watson 2001]

[Nomura 2001]

[Oliveira et al. 2001]

B. Naudts, L. Schoofs, and A. Verschoren, Moments of schema fitness distributions for multary alphabets, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 773, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

N. E. Nawa, K. Shimohara, and O. Katai, Equilibrium selection in a sequential multi-issue bargaining model using evolutionary algorithms: A preliminary study, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 906, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

F. Neri, Relating two cooperative learning strategies to the features of the found concept description, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 986, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

N. Nikolaev and H. Iba, Genetic programming using chebishev polynomials, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 89–96, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Noble and R. A. Watson, Pareto coevolution: Using performance against coevolved opponents in a game as dimensions for pareto selection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 493–500, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Nomura, Behavior analysis of real-valued evolutionary algorithms for independent loci in an infinite population, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 774, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

G. M. B. Oliveira, P. P. B. de Oliveira, and N. Omar, Using heuristics related to cellular automata behavior forecast to improve genetic search for a grouping task, in Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 181, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. O'Neill, T. Brabazon, C. Ryan, and J. J. Collins, Developing a market timing system using grammatical evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1375–1381, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. O'Neill, C. Ryan, and M. Nicolau, Grammar defined introns: An investigation into grammars, introns, and bias in grammatical evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 97–103, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Ortmann and W. Weber, Calculating robot trajectories with parallel evolutionary strategies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1453, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

G. B. Parker, The incremental evolution of gaits for hexapod robots, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1114–1121, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. S. Parpinelli, H. S. Lopes, and A. A. Freitas, An ant colony based system for data mining: Applications to medical data, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 791–797, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. V. Parthasarathy, D. E. Goldberg, and S. A. Burns, Tackling multimodal problems in hybrid genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 775, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[O'Neill et al. 2001a]

[O'Neill et al. 2001b]

[Ortmann and Weber 2001]

[Parker 2001]

[Parpinelli et al. 2001]

[Parthasarathy et al. 2001]

[Paton 2001]

[Patrignani 2001]

[Pech-Gourg and Hao 2001]

[Pedrycz and Reformat 2001]

[Pei and Goodman 2001]

[Pelikan and Goldberg 2001]

[Pelikan et al. 2001]

A. R. Paton, Computing with membranes: P systems with dna-worms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1016, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Patrignani, Stability of arbitrary genes: a new approach to cooperation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 907, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

N. Pech-Gourg and J.-K. Hao, A genetic algorithm for the classification of natural corks, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1382–1388, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

W. Pedrycz and M. Reformat, Evolutionary optimization of logic-oriented systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1389–1396, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Pei and E. Goodman, A comparison of cohort genetic algorithms with canonical serial and island-model distributed ga's, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 501–510, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Pelikan and D. E. Goldberg, Escaping hierarchical traps with competent genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 511–518, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Pelikan, D. E. Goldberg, and K. Sastry, Bayesian optimization algorithm, decision graphs, and occam's razor, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 519–526, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Pereira and Costa 2001]

[Pesic et al. 2001]

[Pindor 2001]

[Poland and Zell 2001]

[Poli and McPhee 2001]

[Poli et al. 2001]

[Poon and Prasher 2001]

- F. B. Pereira and E. Costa, Understanding the role of learning in the evolution of busy beavers: a comparison between the baldwin effect and a lamarckian strategy, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 884–891, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- B. Pesic, N. Durand, and J.-M. Alliot, Aircraft ground traffic optimisation using a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1397–1404, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- A. J. Pindor, Ga313 genetic algorithm for systems with 2d genotype, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 776, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Poland and A. Zell, Main vector adaptation: A cma variant with linear time and space complexity, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1050–1055, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. Poli and N. F. McPhee, Exact schema theory for gp and variable-length gas with homologous crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 104–111, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. Poli, J. E. Rowe, and N. F. McPhee, Markov chain models for gp and variable-length gas with homologous crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 112–119, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Poon and S. Prasher, A hybrid approach to support interactive data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk,

[Portmann and Aloulou 2001]

[Potvin and De Ladurantaye 2001]

[Poupaert and Deville 2001]

[Qi and Sun 2001]

[Reed et al. 2001]

[Rhyne, II and Smith, III 2001]

[Riopka and Bock 2001]

M. H. Garzon, and E. Burke, pp. 527–534, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M.-C. Portmann and M.-A. Aloulou, Data oriented genetic operators for one-machine scheduling problems', in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1184, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J.-Y. Potvin and D. De Ladurantaye, A hybrid genetic algorithm for the generalized traveling salesman problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1167–1172, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. Poupaert and Y. Deville, Acceptance driven local search and evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1173–1180, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. Qi and R. Sun, Ga-based multi-agent reinforcement learning for playing backgammon, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 777, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

P. M. Reed, B. S. Minsker, and D. E. Goldberg, Designing a new elitist nondominated sorted genetic algorithm for a multiobjective long term groundwater monitoring application, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1454, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. D. Rhyne, II and J. F. Smith, III, A game based approach to co-evolutionary optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 908, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. P. Riopka and P. Bock, The relevance of genotypic learning in the clga, in *Proceedings of the Genetic and*

edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 778, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. C. Roberts, D. Howard, and J. R. Koza, Subtree encapsulation versus adfs in gp for parity problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 186, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

Evolutionary Computation Conference (GECCO-2001),

R. S. Roos, The patchy ga and domination problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 779, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

B. J. Ross, The evaluation of a stochastic regular motif language for protein sequences, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 120–128, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. E. Rowe and N. F. McPhee, The effects of crossover and mutation operators on variable length linear structures, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 535–542, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

C. Ryan, M. O'Neill, and A. Azad, No coercion and no prohibition - a position independent encoding scheme for evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 187, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

N. Rychtyckyj and R. G. Reynolds, Using cultural algorithms to improve knowledge base maintainability, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1405–1412, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Roberts et al. 2001]

[Roos 2001]

[Ross 2001]

[Rowe and McPhee 2001]

[Ryan et al. 2001]

[Rychtyckyj and Reynolds 2001]

[Rylander et al. 2001]

[Sait et al. 2001]

[Santana et al. 2001a]

[Santana et al. 2001b]

[Sastry and Goldberg 2001]

[Sastry et al. 2001]

[Sato 2001]

- B. Rylander, T. Soule, J. Foster, and J. Alves-Foss, Quantum evolutionary programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1005–1011, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- S. M. Sait, H. Youssef, and J. A. Khan, Fuzzy evolutionary algorithm for vlsi placement, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1056–1063, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. Santana, A. Ochoa-Rodriguez, and M. R. Soto, A factorized distribution algorithm for problems with integer representation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 780, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- R. Santana, A. Ochoa-Rodriguez, and M. R. Soto, The mixture of trees factorized distribution algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 543–550, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- K. Sastry and D. E. Goldberg, Modeling tournament selection with replacement using apparent added noise, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 781, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- K. Sastry, D. E. Goldberg, and M. Pelikan, Don't evaluate, inherit, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 551–558, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- Y. Sato, Proposal for a register transfer level evolution on a microprocessor incorporated flash memory, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke,

p. 1216, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

I. F. Sbalzarini, S. D. Muller, P. D. Koumoutsakos, and G.-H. Cottet, Evolution strategies for computational and experimental fluid dynamic applications, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1064–1071, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Schloman and B. Blackford, Genetic programming evolves a human-competitive player for a complex, on-line, interactive, multi-player game of strategy, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 188, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

F. Schmiedle, N. Drechsler, D. Grosse, and R. Drechsler, Priorities in multi-objective optimization for genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 129–136, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

F. Schmitt and F. Rothlauf, On the importance of the second largest eigenvalue on the convergence rate of genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 559–564, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

C. Schumacher, M. D. Vose, and L. D. Whitley, The no free lunch and problem description length, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 565–570, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

O. T. Sehitoglu and G. Ucoluk, A building block favoring reordering method for gene positions in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 571–575, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Sbalzarini et al. 2001]

[Schloman and Blackford 2001]

[Schmiedle et al. 2001]

[Schmitt and Rothlauf 2001]

[Schumacher et al. 2001]

[Sehitoglu and Ucoluk 2001]

[Seo et al. 2001]

[Shibata and Fujii 2001]

[Shimodaira 2001]

[Simoes and Costa 2001]

[Sinha and Goldberg 2001]

[Smith 2001]

[Soh et al. 2001]

K. Seo, E. D. Goodman, and R. C. Rosenberg, First steps toward automated design of mechatronic systems using bond graphs and genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 189, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Shibata and N. Fujii, Analog circuit synthesis based on reuse of topological features of prototype circuits, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1205–1214, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Shimodaira, A diversity-control-oriented genetic algorithm (dcga): Performance improvement by the reinitialization of the population, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 576–583, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Simoes and E. Costa, On biologically inspired genetic operators: Transformation in the standard genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 584–591, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Sinha and D. E. Goldberg, Verification and extension of the theory of global-local hybrids, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 592–598, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. Smith, Modelling gas with self adaptive mutation rates, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 599–606, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

L.-K. Soh, C. Tsatsoulis, M. E. Jones, and A. Agah, Evolving cases for case-based reasoning multiagent negotiations, in *Proceedings of the Genetic and* Evolutionary Computation Conference (GECCO-2001), H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 909, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H. Someya and M. Yamamura, Toroidal search space conversion for robust real-coded genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 782, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon,

A. Soper and C. Walshaw, A generational scheme for partitioning graphs, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 607–614, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Soule and A. E. Ball, A genetic algorithm with multiple reading frames, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 615–622, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Soule and R. B. Heckendorn, Function sets in genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 190, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Soule, Using genetic algorithms to evolve cooperative teams, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 783, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

L. Spector, Autoconstructive evolution: Push, pushgp, and pushpop, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 137–146, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Someya and Yamamura 2001]

[Soper and Walshaw 2001]

[Soule and Ball 2001]

[Soule and Heckendorn 2001]

[Soule 2001]

[Spector et al. 2001]

[Spector 2001]

[Srivastava and Goldberg 2001]

R. P. Srivastava and D. E. Goldberg, Verification of the theory of genetic algorithm continuation, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 623–630, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Stephens 2001]

C. R. Stephens, Some exact results from a coarse grained formulation of genetic dynamics, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 631–638, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Streeter and Becker 2001]

M. Streeter and L. A. Becker, Automated discovery of numerical approximation formulae via genetic in Proceedings of the Genetic and programming, Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 147-154, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Suzuki and Sawai 2001]

H. Suzuki and H. Sawai, Schema evolution equation using quasi-schema representation, in Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 784, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Tamaddoni-Nezhad and Muggleton 2001] A. Tamaddoni-Nezhad and S. Muggleton, Using genetic algorithms for learning clauses in first-order logic, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 639–646, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Tan et al. 2001a]

K. C. Tan, E. F. Khor, C. M. Heng, and T. H. Lee, Exploratory multi-objective evolutionary algorithm: Performance study and comparisons, in *Proceedings of* the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 647–654, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Tan et al. 2001b]

K. C. Tan, T. H. Lee, E. F. Khor, C. M. Heng, and D. Khoo, Nonlinear constraint handling technique via angular transformation, in Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001),

H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 655–662, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Teich, M. Fischer, A. Vogel, and J. Fischer, A new ant colony algorithm for the job shop scheduling problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 803, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon,

T. Teich, H. Meier, and H. Schallner, Application service providing for shop floor scheduling in non-hierarchical regional production networks using genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1455, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. Thierens and P. A. N. Bosman, Multi-objective mixture-based iterated density estimation evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 663–670, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Tiwari, R. Roy, G. Jared, and O. Munaux, Interaction and multi-objective optimisation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 671–678, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Tomlinson and L. Bull, Cxcs: Improvements and corporate generalization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 966–973, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

A. Topchy and W. F. Punch, Faster genetic programming based on local gradient search of numeric leaf values, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 155–162, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Teich et al. 2001a]

[Teich et al. 2001b]

[Thierens and Bosman 2001]

[Tiwari et al. 2001]

[Tomlinson and Bull 2001]

[Topchy and Punch 2001]

[Toshine et al. 2001]

[Tsai et al. 2001]

[Tsutsui et al. 2001]

[Tyni and Ylinen 2001]

[Uchibe et al. 2001]

[van Bragt and La Poutre 2001]

[van den Bergh and Engelbrecht 2001]

N. Toshine, N. Iwauchi, S. Wakabayashi, T. Koide, and I. Nishimura, A parallel genetic algorithm with adaptive adjustment of genetic parameters, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 679–686, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

H.-K. Tsai, J.-M. Yang, and C.-Y. Kao, A genetic algorithm for traveling salesman problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 687–693, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

S. Tsutsui, D. E. Goldberg, and K. Sastry, Simplex crossover and linkage learning in real-coded gas, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 785, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

T. Tyni and J. Ylinen, Genetic algorithms in elevator car routing problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1413–1422, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

E. Uchibe, M. Yanase, and M. Asada, Evolution for behavior selection accelerated by activation/termination constraints, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1122–1129, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. D. B. van Bragt and J. A. La Poutre, Generating efficient automata for negotiations - an exploration with evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1093, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

F. van den Bergh and A. P. Engelbrecht, Effects of swarm size on cooperative particle swarm optimisers, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen,

[van Hemert and Jansen 2001]

[Van Hoyweghen et al. 2001]

[Vanyi and Kokai 2001]

[Vanyi 2001]

[Vazquez 2001]

[Vitrano and Povinelli 2001]

[Vrajitoru 2001]

S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 892–899, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. I. van Hemert and M. L. M. Jansen, An engineering approach to evolutionary art, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 177, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

C. Van Hoyweghen, D. E. Goldberg, and B. Naudts, Building block superiority, multimodality and synchronization problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 694–701, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Vanyi and G. Kokai, Giving structural descriptions of tree-like objects from binary images using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 163–172, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

R. Vanyi, Fitness functions for generated binary images, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 786, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

M. Vazquez, A comparison of genetic algorithms and tabu search techniques for the resource-constrained project scheduling problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1185, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

J. B. Vitrano and R. J. Povinelli, Selecting dimensions and delay values for a time-delay embedding using a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1423–1430, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

D. Vrajitoru, Nested genetic algorithms with problem division, in *Proceedings of the Genetic and Evolutionary*

Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 787, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Wakabayashi and Ohsako 2001]

S. Wakabayashi and M. Ohsako, A genetic algorithm for generating a steiner tree with wire sizing and buffer insertion, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1431–1438, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Watson and Pollack 2001]

R. A. Watson and J. B. Pollack, Coevolutionary dynamics in a minimal substrate, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 702–709, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Weinert and Stautner 2001]

K. Weinert and M. Stautner, Reconstruction of particle flow mechanisms with symbolic regression via genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1439–1443, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Weinert et al. 2001]

K. Weinert, T. Surmann, and J. Mehnen, Evolutionary surface reconstruction using csg-nurbs-hybrids, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 1456, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Wiegand et al. 2001]

R. P. Wiegand, W. C. Liles, and K. A. De Jong, An empirical analysis of collaboration methods in cooperative coevolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 1235–1242, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Wiles et al. 2001]

J. Wiles, R. Schulz, J. Hallinan, S. Bolland, and B. Tonkes, Probing the persistent question marks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 710–717, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.

[Wilson 2001]

[Wright and Agapie 2001]

[Wright and Farmani 2001]

[Wu and Azarm 2001]

[Wu et al. 2001]

[Yeh and Chen 2001]

- S. W. Wilson, Function approximation with a classifier system, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 974–981, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- A. H. Wright and A. Agapie, Cyclic and chaotic behavior in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 718–724, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. A. Wright and R. Farmani, Genetic algorithms: A fitness formulation for constrained minimization, in *Proceedings* of the Genetic and Evolutionary Computation Conference (GECCO-2001), edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 725–732, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- J. Wu and S. Azarm, On a new constraint handling technique for multi-objective genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 741–748, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- A. S. Wu, S. Jin, G. Schiavone, and K.-C. Lin, An incremental fitness function for partitioning parallel tasks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, pp. 733–740, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.
- C.-H. Yeh and S.-H. Chen, The differences between social and individual learning on the time series properties: The approach based on genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, edited by L. Spector, E. D. Goodman, A. Wu, W. Langdon, H.-M. Voigt, M. Gen, S. Sen, M. Dorigo, S. Pezeshk, M. H. Garzon, and E. Burke, p. 191, San Francisco, California, USA, 7-11 July 2001, Morgan Kaufmann.