Список литературы

[1] Hussein A. Abbass, *A single queen single worker honey–bees approach to 3-sat*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 807–814.

[2] Tony Abou-Assaleh, Jianna Zhang, and Nick Cercone, *Evolution of recurrent neural networks to control autonomous life agents*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 903.

[3] Jose Aguilar, *Ant colony optimization*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 801.

[4] Jose Aguilar and Mariela Cerrada, *Fuzzy classifier system and genetic programming on system identification problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1245–1251.

[5] Jose Aguilar and Ernst L. Leiss, *A data dependent loop scheduler based on genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1183.

[6] Hernan E. Aguirre, Kiyoshi Tanaka, and Shinjiro Oshita, *Increasing the robustness of distributed genetic algorithms by parallel cooperative-competitive genetic operators*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 195–202.

[7] Laura A. Albert and David E. Goldberg, *Efficient evaluation relaxation under integrated fitness functions*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 751.

[8] L. A. Anbarasu, V. Sundararajan, and P. Narayanasamy, *Parallel genetic algorithm for performance-driven sequence alignment*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1015.

[9] Sachiyo Arai and Katia Sycara, *Credit assignment method for learning effective stochastic policies in uncertain domain*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 815–822.

[10] Richard Balling and Scott Wilson, *The maximin fitness function for multi-objective evolutionary computation: Application to city planning*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D.

Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1079–1084.

[11] Helio J. C. Barbosa and Andre M. S. Barreto, *An interactive genetic algorithm with co-evolution of weights for multiobjective problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 203–210.

[12] Alwyn Barry, *A hierarchical xcs for long path environments*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 913–920.

[13] Jeffrey K. Bassett, R. Paul Wiegand, and Kenneth A. De Jong, *Evolving multi-agent behaviors using a tunable problem landscape*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1133.

[14] Meriema Belaidouni and Jin-Kao Hao, *Max-csp and fitness landscapes*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 752.

[15] Theodore C. Belding, *Potholes on the royal road*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 211–218.

[16] A. Berlanga, P. Isasi, and J. Segovia, *Interactive evolutionary computation with small population to generate gestures in avatars*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 823–828.

[17] Josh C. Bongard and Rolf Pfeifer, *Repeated structure and dissociation of genotypic and phenotypic complexity in artificial ontogeny*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 829–836.

[18] Lashon B. Booker, *Classifier systems, endogenous fitness, and delayed rewards: A preliminary investigation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 921–926.

[19] Peter A. N. Bosman and Dirk Thierens, *Crossing the road to efficient ideas for permutation problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 219–226.

[20] Martijn C. J. Bot, Neil Urquhart, and Ken Chisholm, *Agent motion planning with gas enhanced by memory models*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 227–234.

[21] Thomas Bousonville, *Local search and evolutionary computation for arc routing in garbage collection*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1137–1143.

[22] Jurgen Branke, *Reducing the sampling variance when searching for robust solutions*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 235–242.

[23] Jurgen Branke, Christian Schmidt, and Hartmut Schmeck, *Efficient fitness estimation in noisy environments*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 243–250.

[24] Agnes Braud and Christel Vrain, *A study of the scalability of a data mining genetic algorithm on a distributed database*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 753.

[25] Joseph Bruce and Risto Miikkulainen, *Evolving populations of expert neural networks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 251–257.

[26] E. K. Burke, P. Cowling, J. D. Landa Silva, and S. Petrovic, *Combining hybrid mataheuristics and populations for the multiobjective optimisation of space allocation problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1252–1259.

[27] Martin V. Butz, Tim Kovacs, Pier Luca Lanzi, and Stewart W. Wilson, *How xcs evolves accurate classifiers*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 927–934.

[28] Martin V. Butz and Martin Pelikan, *Analyzing the evolutionary pressures in xcs*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 935–942.

[29] Erick Cantu-Paz, *Single vs. multiple runs under constant computation cost*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 754.

[30] Deborah R. Carvalho and Alex A. Freitas, *An immunological algorithm for discovering small-disjunct rules in data mining*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 904.

[31] Hung-Ming Chen and Shinn-Ying Ho, *Designing an optimal evolutionary fuzzy decision tree for data mining*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 943–950.

[32] Jian-Hung Chen and Shinn-Ying Ho, *Multi-objective evolutionary optimization of flexible manufacturing systems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1260–1267.

[33] Sung-Soon Choi and Byung-Ro Moon, *A hybrid genetic search for the sorting network problem with evolving parallel layers*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 258–265.

[34] Steffen Christensen and Franz Oppacher, *What can we learn from no free lunch? a first attempt to characterize the concept of a searchable function*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1219–1226.

[35] Andre L. V. Coelho, Daniel Weingaertner, and Fernando J. Von Zuben, *Evolving heterogeneous neural networks for classification problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 266–273.

[36] Carlos A. Coello and Gregorio Toscano Pulido, *Multiobjective optimization using a micro-genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 274–282.

[37] Clare Bates Congdon, *An exploration in combatting premature convergence*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 755.

[38] David W. Corne, Nick R. Jerram, Joshua D. Knowles, and Martin J. Oates, *Pesa-ii: Region-based selection in evolutionary multiobjective optimization*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 283–290.

[39] Elon Santos Correa, Maria Teresinha A. Steiner, Alex A. Freitas, and Celso Carnieri, *A genetic algorithm for the p-median problem*, Proceedings of the Genetic and Evolutionary Computation

Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1268–1275.

[40] B. G. W. Craenen and A. E. Eiben, *Stepwise adaption of weights with refinement and decay on constraint satisfaction problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 291–298.

[41] Dipankar Dasgupta and Fabio A. Gonzalez, *Evolving complex fuzzy classifier rules using a linear tree genetic representation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 299–305.

[42] Mehdi Dastani, Elena Marchiori, and Robert Voorn, *Finding perceived pattern structures using genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 3–10.

[43] Edwin D. de Jong, Richard A. Watson, and Jordan B. Pollack, *Reducing bloat and promoting diversity using multi-objective methods*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 11–18.

[44] Alexandre Cesar Muniz de Oliveira and Luiz Antonio Nogueira Lorena, *A constructive genetic algorithm for the linear gate assignment problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 756.

[45] Russell Deaton, *Dna and quantum computers*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 989–996.

[46] Jorg Denzinger and Michael Kordt, *On the influence of learning time on evolutionary online learning of cooperative behavior*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 837–844.

[47] John C. Determan and James A. Foster, *A genetic algorithm for expert system rule generation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 757.

[48] Federico Divina and Elena Marchiori, *Knowledge based evolutionary programming for inductive learning in first-order logic*, Proceedings of the Genetic and Evolutionary Computation

Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 173.

[49] Karl F. Doerner, Richard F. Hartl, and Marc Reimann, *Are competants more competent for problem solving? - the case of a routing and scheduling problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 802.

[50] Keith L. Downing, *Adaptive genetic programs via reinforcement learning*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 19–26.

[51] _____, *Modular designer chemistries for artificial life*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 845–852.

[52] Gerry Dozier, *Evolutionary hill-climbing, virtual constraints, and recurrent dynamic csps*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 758.

[53] Minglei Duan and Richard J. Povinelli, *Estimating stock price predictability using genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 174.

[54] Magnus Ekman, Andreas Magnusson, and Peter Nordin, *Two approaches for high-level evolvable hardware using function blocks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1215.

[55] Aiman H. El-Maleh, Sadiq M. Sait, and Syed Z. Shazli, *An iterative heuristic for state justification in sequential automatic test pattern generation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1019–1025.

[56] Mourad Elhadef and David A. Coley, *Adaptive mutation for semi-separable problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 306–312.

[57] Brandon P. Enochs and Roger L. Wainwright, *Forging optimal solutions to the edge-coloring problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 313–319.

[58] Anders Eriksson and Kristian Lindgren, *Evolution of strategies in repeated stochastic games with full information of the payoff matrix*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 853–859.

[59] Felipe P. Espinoza, Barbara S. Minsker, and David E. Goldberg, *A self adaptive hybrid genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 759.

[60] Ali Farhang-Mehr and Shapour Azarm, *Multi-objective genetic algorithms with concepts from statistical thermodynamics*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1075.

[61] F. Fernandez, J. M. Sanchez, and M. Tomassini, *A new methodology for the placement and routing problem based on padgp*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 175.

[62] R. L. B. French and R. I. Damper, *Evolving a nervous system of spiking neurons for a behaving robot*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1099–1106.

[63] Clemens Frey and Gunter Leugering, *Evolving strategies for global optimization - a finite state machine approach*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 27–33.

[64] Chunsheng Fu, Stewart W. Wilson, and Lawrence Davis, *Studies of the xcsi classifier system on a data mining problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 985.

[65] Tim Fuhner and Christian Jacob, *Evolvision - an evolvica visualization tool*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 176.

[66] Yoshiji Fujimoto and Katsunori Shimohara, *Proposal of eco-evolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 760.

[67] Hiroshi Furutani, *Study of crossover in one max problem by linkage analysis*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 320–327.

[68] John C. Gallagher, *Evolution of dynamical neural network arrays to correct arrhythmias in a simulated human heart*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1189–1196.

[69] Yong Gao and Joseph Culberson, *The phase transition in nk landscapes is easy*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1227–1234.

[70] Michael L. Gargano and William Edelson, *Optimal sequenced matroid bases solved by ga's with feasible search space including applications*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1447.

[71] Max H. Garzon and Chris Oehmen, *Distributed virtual test tubes*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 997–1004.

[72] Mitsuo Gen and ChangYoon Lee, *Reliability optimization design using hybrid nn-ga with fuzzy logic controller*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1448.

[73] Pierre Gerard and Olivier Sigaud, *Adding a generalization mechanism to yacs*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 951–957.

[74] Al Globus, John Lawton, and Todd Wipke, *Graph crossover*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 761.

[75] Marco Cesar Goldbarg and Elizabeth Ferreira Gouvea, *Extra-intracellular transgenetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 762.

[76] David E. Goldberg and Kumara Sastry, *A practical schema theorem for genetic algorithm design and tuning*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 328–335.

[77] David E. Goldberg, Kumara Sastry, and Thomas Latoza, *On the supply of building blocks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 336–342.

[78] Ryuji Goto and Yuji Sato, *Motion analysis of moving objects with genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1276–1283.

[79] Jens Gottlieb, Bryant A. Julstrom, Gunther R. Raidl, , and Franz Rothlauf, *Prufer numbers: A poor representation of spanning trees for evolutionary search*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 343–350.

[80] William A. Greene, *Non-linear bit arrangements in genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 763.

[81] Michael Guntsch, Martin Middendorf, and Hartmut Schmeck, *An ant colony optimization approach to dynamic tsp*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 860–867.

[82] Hisashi Handa, Tadashi Horiuchi, Osamu Katai, Takayuki Kaneko, Tadataka Konishi, and Mitsuru Baba, *Fusion of coevolutionary ga and machine learning techniques through effective schema extraction*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 764.

[83] William E. Hart, *Self-adaptive evolutionary pattern search algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1076.

[84] Bernd Hartke, *Global geometry optimization of atomic and molecular clusters by genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1284–1291.

[85] Robert B. Heckendorn, *Of heisenberg and epistasis*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 765.

[86] 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*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1292–1298.

[87] Philip Hingston, *A genetic algorithm for regular inference*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip

Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1299–1306.

[88] Gregory S. Hornby and Jordan B. Pollack, *Body-brain co-evolution using l-systems as a generative encoding*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 868–875.

[89] Jorng-Tzong Horng, Ming-Hui Jin, and Cheng-Yan Kao, *Solving fixed channel assignment problems by an evolutionary approach*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 351–358.

[90] Daniel Howard and Simon C. Roberts, *Genetic programming solution of the convection-diffusion equation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 34–41.

[91] William W. Hsu and Ching-Chi Hsu, *The spontaneous evolution genetic algorithm for solving the traveling salesman problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 359–366.

[92] Chien-Feng Huang, *An analysis of mate selection in genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 766.

[93] _____ , *Independent sampling genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 367–374.

[94] Reinhold Huber, *Estimation of mixture parameters by a hybrid ga/em method: Application to radar remote sensing data*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1449.

[95] Reinhold Huber and Thomas Schell, *Mixed size tournament selection*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 767.

[96] Jutta Huhse and Andreas Zell, *Evolution strategy with neighborhood attraction - a robust evolution strategy*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1026–1033.

[97] Christian Igel and Martin Kreutz, *Operator adaptation in structure optimization of neural networks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1094.

[98] Kosuke Imamura and James A. Foster, *Fault-tolerant computing with n-version genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 178.

[99] Brijnesh J. Jain, Hartmut Pohlheim, and Joachim Wegener, *On termination criteria of evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 768.

[100] Thomas Jansen and Ingo Wegener, *On the utility of populations in evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1034–1041.

[101] _____, *Real royal road functions - where crossover provably is essential*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 375–382.

[102] Mikkel T. Jensen, *Finding worst-case flexible schedules using coevolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1144–1151.

[103] _____, *A remark on solving minimax problems with coevolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 769.

[104] Rui Jiang, K. Y. Szeto, Yupin Luo, and Dongcheng Hu, *A genetic algorithm architecture by coordinating exploration and exploitation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 383–390.

[105] J. A. Jimenez, J. C. Abderraman, P. D. Cuesta, , and G. Winter, *Solving elliptical partial differential equations in a natural way*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1307–1313.

[106] Hui-Dong Jin, Kwong-Sak Leung, and Man-Leung Wong, *Genetic-guided model-based clustering analysis*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 770.

[107] Yaochu Jin, Markus Olhofer, and Bernhard Sendhoff, *Dynamic weighted aggregation for evolutionary multi-objective optimization: Why does it work and how?*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1042–1049.

[108] Elizabeth L. Johnson, *Genetic algorithms as algorithm adversaries*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1314–1321.

[109] Hironobu Katagiri, Kotaro Hirasawa, Jinglu Hu, and Junichi Murata, *Network structure oriented evolutionary model – genetic network programming–and its comparison with*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 179.

[110] Eric Kee, Sarah Airey, and Walling Cyre, *An adaptive genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 391–397.

[111] M. Keijzer, V. Babovic, C. Ryan, M. O'Neill, and M. Cattolico, *Adaptive logic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 42–49.

[112] Robert E. Keller and Wolfgang Banzhaf, *Evolution of genetic code on a hard problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 50–56.

[113] Paul J. Kennedy and Thomas R. Osborn, *A double-stranded encoding scheme with inversion operator for genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 398–407.

[114] Didier Keymeulen, Adrian Stoica, Martin Buehler, Ricardo Zebulum, and Vu Duong, *Evolutionary mechanisms for smart on-board adaptive sensing applied to the meca electrometer*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1197–1204.

[115] Jong-Pil Kim and Byung-Ro Moon, *A hybrid genetic search for multi-way graph partitioning based on direct partitioning*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 408–415.

[116] Jung-Hwan Kim and Byung-Ro Moon, *Adaptive and dynamic elevator group control with a genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1322–1329.

[117] Jungwon Kim and Peter J. Bentley, *An evaluation of negative selection in an artificial immune system for network intrusion detection*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1330–1337.

[118] Su-Hyang Kim, Yong-Hyuk Kim, and Byung-Ro Moon, *A hybrid genetic algorithm for the max cut problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 416–423.

[119] Joshua D. Knowles and David W. Corne, *Benchmark problem generators and results for the multiobjective degree-constrained minimum spanning tree problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 424–431.

[120] Shinya Koizumi, Shin'ichi Wakabayashi, Tetsushi Koide, Kazunari Fujiwara, and Norimichi Imura, *A risc processor for high-speed execution of genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1338–1345.

[121] Arthur K. Kordon and Guido F. Smits, *Soft sensor development using genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1346–1351.

[122] Emin Erkan Korkmaz and Gokturk Ucoluk, *Controlling the genetic programming search*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 180.

[123] Alexander Kosorukoff, Jay Mittenthal, and David Goldberg, *Modeling of evolution of signaling networks in living cells by evolutionary computation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 905.

[124] John R. Koza, William Mydlowec, Guido Lanza, Jessen Yu, and Martin A. Keane, *Automatic synthesis of both the topology and sizing of metabolic pathways using genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 57–65.

[125] Natalio Krasnogor and Jim Smith, *Emergence of profitable search strategies based on a simple inheritance mechanism*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 432–439.

[126] Thiemo Krink, Rasmus K. Ursem, and Bogdan Filipic, *Evolutionary algorithms in control optimization: The greenhouse problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 440–447.

[127] Yung-Keun Kwon and Byung-Ro Moon, *Personalized email marketing with a genetic programming circuit model*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1352–1358.

[128] W. B. Langdon and B. F. Buxton, *Genetic programming for combining classifiers*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 66–73.

[129] Pier Luca Lanzi, *Mining interesting knowledge from data with the xcs classifier system*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 958–965.

[130] C.-Y. Lee and E. K. Antonsson, *Adaptive evolvability via non-coding segment induced linkage*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 448–453.

[131] Jingpeng Li and Raymond S. K. Kwan, *A fuzzy theory based evolutionary approach for driver scheduling*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1152–1158.

[132] Ying Li, Xuemei Xin, Noboru Kikuchi, and Kazuhiro Saitou, *Optimal shape and location of piezoelectric materials for topology optimization of flextensional actuators*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1085–1090.

[133] Xiaohui Liu, Stephen Swift, and Allan Tucker, *Using evolutionary algorithms to tackle large scale grouping problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 454–460.

[134] Yong Liu, *How to evolve a cooperative population by minimizing mutual information*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael

Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1095.

[135] Xavier Llora and Josep M. Garrell, *Knowledge-independent data mining with fine-grained parallel evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 461–468.

[136] Boris Lorenc, *Multidimensional scaling using evolutionary computation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1450.

[137] Morten Lovbjerg, Thomas Kiel Rasmussen, and Thiemo Krink, *Hybrid particle swarm optimiser with breeding and subpopulations*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 469–476.

[138] Sean Luke, *When short runs beat long runs*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 74–80.

[139] Sean Luke and Liviu Panait, *A survey and comparison of tree generation algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 81–88.

[140] Jiangming Mao, Kotaro Hirasawa, Jinglu Hu, and Junichi Murata, *Genetic symbiosis algorithm for multiobjective optimization problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 771.

[141] Martin C. Martin, *Visual obstacle avoidance using genetic programming: First results*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1107–1113.

[142] Peter Martin, *Building a taxonomy of genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 182.

[143] Shouichi Matsui and Ken 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*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1359–1366.

[144] Rajiv Mehrotra, Charles L. Karr, and Thomas A. Zeiler, *Application of genetic algorithm to determining worst-case gust loads and the dynamic response of aircraft structures*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1451.

[145] Roberto R. F. Mendes, Fabricio de B. Voznika, Julio C. Nievola, and Alex A. Freitas, *Discovering fuzzy classification rules with genetic programming and co-evolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 183.

[146] Anil Menon, *Building blocks: A combinatorial road to greed*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 477–484.

[147] Steven R. Michaud, Jesse B. Zydallis, Gary B. Lamont, Paul K. Harmer, and Ruth Pachter, *Protein structure prediction with ea immunological computation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1367–1374.

[148] Thomas Miconi, *A collective genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 876–883.

[149] Mitsunori Miki, Tomoyuki Hiroyasu, and Takanori Mizuta, *A new parallel distributed genetic algorithm applied to traveling salesman problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 772.

[150] Julian Miller, *Evolution of program size in cartesian genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 184.

[151] Patrick Monsieurs and Eddy Flerackers, *Increasing the diversity of a population in genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 185.

[152] David J. Montana, *A reconfigurable optimizing scheduler*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1159–1166.

[153] Jason H. Moore and Lance W. Hahn, *Multilocus pattern recognition using cellular automata and parallel genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation

Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1452.

[154] Tadahiko Murata, Shuhei Kawakami, Hiroyuki Nozawa, Mitsuo Gen, and Hisao Ishibuchi, *Three-objective genetic algorithms for designing compact fuzzy rule-based systems for pattern classification problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 485–492.

[155] Bart Naudts, Luk Schoofs, and Alain Verschoren, *Moments of schema fitness distributions for multary alphabets*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 773.

[156] Norberto Eiji Nawa, Katsunori Shimohara, and Osamu Katai, *Equilibrium selection in a sequential multi-issue bargaining model using evolutionary algorithms: A preliminary study*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 906.

[157] Filippo Neri, *Relating two cooperative learning strategies to the features of the found concept description*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 986.

[158] Nikolay Nikolaev and Hitoshi Iba, *Genetic programming using chebishev polynomials*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 89–96.

[159] Jason Noble and Richard A. Watson, *Pareto coevolution: Using performance against coevolved opponents in a game as dimensions for pareto selection*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 493–500.

[160] Tatsuya Nomura, *Behavior analysis of real-valued evolutionary algorithms for independent loci in an infinite population*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 774.

[161] Gina M. B. Oliveira, Pedro P. B. de Oliveira, and Nizam Omar, *Using heuristics related to cellular automata behavior forecast to improve genetic search for a grouping task*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 181.

[162] Michael O'Neill, Tony Brabazon, Conor Ryan, and J. J. Collins, *Developing a market timing system using grammatical evolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram

Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1375–1381.

[163] Michael O'Neill, Conor Ryan, and Miguel Nicolau, *Grammar defined introns: An investigation into grammars, introns, and bias in grammatical evolution*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 97–103.

[164] Matthias Ortmann and Wolfgang Weber, *Calculating robot trajectories with parallel evolutionary strategies*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1453.

[165] Gary B. Parker, *The incremental evolution of gaits for hexapod robots*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1114–1121.

[166] Rafael S. Parpinelli, Heitor S. Lopes, and Alex A. Freitas, *An ant colony based system for data mining: Applications to medical data*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 791–797.

[167] Prasanna V. Parthasarathy, David E. Goldberg, and Scott A. Burns, *Tackling multimodal problems in hybrid genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 775.

[168] Alfonso R. Paton, *Computing with membranes: P systems with dna-worms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1016.

[169] Maurizio Patrignani, *Stability of arbitrary genes: a new approach to cooperation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 907.

[170] Nicolas Pech-Gourg and Jin-Kao Hao, *A genetic algorithm for the classification of natural corks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1382–1388.

[171] Witold Pedrycz and Marek Reformat, *Evolutionary optimization of logic-oriented systems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1389–1396.

[172] Huafeng Pei and Erik Goodman, *A comparison of cohort genetic algorithms with canonical serial and island-model distributed ga's*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 501–510.

[173] Martin Pelikan and David E. Goldberg, *Escaping hierarchical traps with competent genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 511–518.

[174] Martin Pelikan, David E. Goldberg, and Kumara Sastry, *Bayesian optimization algorithm, decision graphs, and occam's razor*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 519–526.

[175] Francisco B. Pereira and Ernesto Costa, *Understanding the role of learning in the evolution of busy beavers: a comparison between the baldwin effect and a lamarckian strategy*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 884–891.

[176] Brankica Pesic, Nicolas Durand, and Jean-Marc Alliot, *Aircraft ground traffic optimisation using a genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1397–1404.

[177] Andrzej J. Pindor, *Ga313 genetic algorithm for systems with 2d genotype*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 776.

[178] Jan Poland and Andreas Zell, *Main vector adaptation: A cma variant with linear time and space complexity*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1050–1055.

[179] Riccardo Poli and Nicholas Freitag McPhee, *Exact schema theory for gp and variable-length gas with homologous crossover*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 104–111.

[180] Riccardo Poli, Jonathan E. Rowe, and Nicholas Freitag McPhee, *Markov chain models for gp and variable-length gas with homologous crossover*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 112–119.

[181] Josiah Poon and Sham Prasher, *A hybrid approach to support interactive data mining*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 527–534.

[182] Marie-Claude Portmann and Mohammed-Ali Aloulou, *Data oriented genetic operators for one-machine scheduling problems'*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1184.

[183] Jean-Yves Potvin and Daniel De Ladurantaye, *A hybrid genetic algorithm for the generalized traveling salesman problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1167–1172.

[184] Eric Poupaert and Yves Deville, *Acceptance driven local search and evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1173–1180.

[185] Dehu Qi and Ron Sun, *Ga-based multi-agent reinforcement learning for playing backgammon*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 777.

[186] Patrick M. Reed, Barbara S. Minsker, and David E. Goldberg, *Designing a new elitist nondominated sorted genetic algorithm for a multiobjective long term groundwater monitoring application*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1454.

[187] Robert D. Rhyne, II and James F. Smith, III, *A game based approach to co-evolutionary optimization*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 908.

[188] Terry P. Riopka and Peter Bock, *The relevance of genotypic learning in the clga*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 778.

[189] Simon C. Roberts, Daniel Howard, and John R. Koza, *Subtree encapsulation versus adfs in gp for parity problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 186.

[190] Robert S. Roos, *The patchy ga and domination problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 779.

[191] Brian J. Ross, *The evaluation of a stochastic regular motif language for protein sequences*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 120–128.

[192] Jonathan E. Rowe and Nicholas Freitag McPhee, *The effects of crossover and mutation operators on variable length linear structures*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 535–542.

[193] Conor Ryan, Michael O'Neill, and Atif Azad, *No coercion and no prohibition - a position independent encoding scheme for evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 187.

[194] Nestor Rychtyckyj and Robert G. Reynolds, *Using cultural algorithms to improve knowledge base maintainability*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1405–1412.

[195] Bart Rylander, Terry Soule, James Foster, and Jim Alves-Foss, *Quantum evolutionary programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1005–1011.

[196] Sadiq M. Sait, Habib Youssef, and Junaid A. Khan, *Fuzzy evolutionary algorithm for vlsi placement*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1056–1063.

[197] Roberto Santana, Alberto Ochoa-Rodriguez, and Marta R. Soto, *A factorized distribution algorithm for problems with integer representation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 780.

[198] _____, *The mixture of trees factorized distribution algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 543–550.

[199] Kumara Sastry and David E. Goldberg, *Modeling tournament selection with replacement using apparent added noise*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 781.

[200] Kumara Sastry, David E. Goldberg, and Martin Pelikan, *Don't evaluate, inherit*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael

Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 551–558.

[201] Yuji Sato, *Proposal for a register transfer level evolution on a microprocessor incorporated flash memory*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1216.

[202] Ivo F. Sbalzarini, Sibylle D. Muller, Petros D. Koumoutsakos, and G.-H. Cottet, *Evolution strategies for computational and experimental fluid dynamic applications*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1064–1071.

[203] John Schloman and Ben Blackford, *Genetic programming evolves a human-competitive player for a complex, on-line, interactive, multi-player game of strategy*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 188.

[204] Frank Schmiedle, Nicole Drechsler, Daniel Grosse, and Rolf Drechsler, *Priorities in multi-objective optimization for genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 129–136.

[205] Florian Schmitt and Franz Rothlauf, *On the importance of the second largest eigenvalue on the convergence rate of genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 559–564.

[206] C. Schumacher, M. D. Vose, and L. D. Whitley, *The no free lunch and problem description length*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 565–570.

[207] Onur Tolga Sehitoglu and Gokturk Ucoluk, *A building block favoring reordering method for gene positions in genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 571–575.

[208] Kisung Seo, Erik D. Goodman, and Ronald C. Rosenberg, *First steps toward automated design of mechatronic systems using bond graphs and genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 189.

[209] Hajime Shibata and Nobuo Fujii, *Analog circuit synthesis based on reuse of topological features of prototype circuits*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu,

W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1205–1214.

[210] Hisashi Shimodaira, *A diversity-control-oriented genetic algorithm (dcga): Performance improvement by the reinitialization of the population*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 576–583.

[211] Anabela Simoes and Ernesto Costa, *On biologically inspired genetic operators: Transformation in the standard genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 584–591.

[212] Abhishek Sinha and David E. Goldberg, *Verification and extension of the theory of global-local hybrids*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 592–598.

[213] Jim Smith, *Modelling gas with self adaptive mutation rates*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 599–606.

[214] Leen-Kiat Soh, Costas Tsatsoulis, Mara Elizabeth Jones, and Arvin Agah, *Evolving cases for case-based reasoning multiagent negotiations*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 909.

[215] Hiroshi Someya and Masayuki Yamamura, *Toroidal search space conversion for robust real-coded genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 782.

[216] Alan Soper and Chris Walshaw, *A generational scheme for partitioning graphs*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 607–614.

[217] Terence Soule, *Using genetic algorithms to evolve cooperative teams*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 783.

[218] Terence Soule and Amy E. Ball, *A genetic algorithm with multiple reading frames*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 615–622.

[219] Terence Soule and Robert B. Heckendorn, *Function sets in genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 190.

[220] Lee Spector, *Autoconstructive evolution: Push, pushgp, and pushpop*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 137–146.

[221] Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke (eds.), *Proceedings of the genetic and evolutionary computation conference (gecco-2001)*, San Francisco, California, USA, Morgan Kaufmann, 7-11 July 2001.

[222] Ravi P. Srivastava and David E. Goldberg, *Verification of the theory of genetic algorithm continuation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 623–630.

[223] C. R. Stephens, *Some exact results from a coarse grained formulation of genetic dynamics*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 631–638.

[224] Matthew Streeter and Lee A. Becker, *Automated discovery of numerical approximation formulae via genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 147–154.

[225] Hideaki Suzuki and Hidefumi Sawai, *Schema evolution equation using quasi-schema representation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 784.

[226] Alireza Tamaddoni-Nezhad and Stephen Muggleton, *Using genetic algorithms for learning clauses in first-order logic*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 639–646.

[227] K. C. Tan, E. F. Khor, C. M. Heng, and T. H. Lee, *Exploratory multi-objective evolutionary algorithm: Performance study and comparisons*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 647–654.

[228] K. C. Tan, T. H. Lee, E. F. Khor, C. M. Heng, and D. Khoo, *Nonlinear constraint handling technique via angular transformation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 655–662.

[229] Tobias Teich, Marco Fischer, Andre Vogel, and Jens Fischer, *A new ant colony algorithm for the job shop scheduling problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 803.

[230] Tobias Teich, Horst Meier, and Harald Schallner, *Application service providing for shop floor scheduling in non-hierarchical regional production networks using genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1455.

[231] Dirk Thierens and Peter A. N. Bosman, *Multi-objective mixture-based iterated density estimation evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 663–670.

[232] Ashutosh Tiwari, Rajkumar Roy, Graham Jared, and Olivier Munaux, *Interaction and multi-objective optimisation*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 671–678.

[233] Andy Tomlinson and Larry Bull, *Cxcs: Improvements and corporate generalization*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 966–973.

[234] Alexander Topchy and W. F. Punch, *Faster genetic programming based on local gradient search of numeric leaf values*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 155–162.

[235] Naoyoshi Toshine, Nobuyuki Iwauchi, Shin'ichi Wakabayashi, Tetsushi Koide, and Isao Nishimura, *A parallel genetic algorithm with adaptive adjustment of genetic parameters*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 679–686.

[236] Huai-Kuang Tsai, Jinn-Moon Yang, and Cheng-Yan Kao, *A genetic algorithm for traveling salesman problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 687–693.

[237] Shigeyoshi Tsutsui, David E. Goldberg, and Kumara Sastry, *Simplex crossover and linkage learning in real-coded gas*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 785.

[238] Tapio Tyni and Jari Ylinen, *Genetic algorithms in elevator car routing problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1413–1422.

[239] Eiji Uchibe, Masakazu Yanase, and Minoru Asada, *Evolution for behavior selection accelerated by activation/termination constraints*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1122–1129.

[240] D. D. B. van Bragt and J. A. La Poutre, *Generating efficient automata for negotiations - an exploration with evolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1093.

[241] F. van den Bergh and A. P. Engelbrecht, *Effects of swarm size on cooperative particle swarm optimisers*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 892–899.

[242] J. I. van Hemert and M. L. M. Jansen, *An engineering approach to evolutionary art*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 177.

[243] Clarissa Van Hoyweghen, David E. Goldberg, and Bart Naudts, *Building block superiority, multimodality and synchronization problems*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 694–701.

[244] Robert Vanyi, *Fitness functions for generated binary images*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 786.

[245] Robert Vanyi and Gabriella Kokai, *Giving structural descriptions of tree-like objects from binary images using genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 163–172.

[246] Manuel Vazquez, *A comparison of genetic algorithms and tabu search techniques for the resource-constrained project scheduling problem*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1185.

[247] James B. Vitrano and Richard J. Povinelli, *Selecting dimensions and delay values for a time-delay embedding using a genetic algorithm*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1423–1430.

[248] Dana Vrajitoru, *Nested genetic algorithms with problem division*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 787.

[249] Shin'ichi Wakabayashi and Masakazu Ohsako, *A genetic algorithm for generating a steiner tree with wire sizing and buffer insertion*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1431–1438.

[250] Richard A. Watson and Jordan B. Pollack, *Coevolutionary dynamics in a minimal substrate*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 702–709.

[251] Klaus Weinert and Marc Stautner, *Reconstruction of particle flow mechanisms with symbolic regression via genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1439–1443.

[252] Klaus Weinert, Tobias Surmann, and Jorn Mehnen, *Evolutionary surface reconstruction using csg-nurbs-hybrids*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 1456.

[253] R. Paul Wiegand, William C. Liles, and Kenneth A. De Jong, *An empirical analysis of collaboration methods in cooperative coevolutionary algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 1235–1242.

[254] Janet Wiles, Ruth Schulz, Jennifer Hallinan, Scott Bolland, and Bradley Tonkes, *Probing the persistent question marks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 710–717.

[255] Stewart W. Wilson, *Function approximation with a classifier system*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 974–981.

[256] Alden H. Wright and Alexandru Agapie, *Cyclic and chaotic behavior in genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 718–724.

[257] J. A. Wright and R. Farmani, *Genetic algorithms: A fitness formulation for constrained minimization*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B.

Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 725–732.

[258] Annie S. Wu, Shiyuan Jin, Guy Schiavone, and Kuo-Chi Lin, *An incremental fitness function for partitioning parallel tasks*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 733–740.

[259] Jin Wu and Shapour Azarm, *On a new constraint handling technique for multi-objective genetic algorithms*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, pp. 741–748.

[260] Chia-Hsuan Yeh and Shu-Heng Chen, *The differences between social and individual learning on the time series properties: The approach based on genetic programming*, Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001) (San Francisco, California, USA) (Lee Spector, Erik D. Goodman, Annie Wu, W.B. Langdon, Hans-Michael Voigt, Mitsuo Gen, Sandip Sen, Marco Dorigo, Shahram Pezeshk, Max H. Garzon, and Edmund Burke, eds.), Morgan Kaufmann, 7-11 July 2001, p. 191.