Список литературы

[Aickelin and Bull 2002]

[Albert and Goldberg 2002]

[Alden et al. 2002]

[Ando and Iba 2002]

[Arenas et al. 2002]

[Augustsson et al. 2002]

[Azad et al. 2002]

U. Aickelin and L. Bull, Partnering strategies for fitness evaluation in A pyramidal evolutionary algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 263–270, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

L. A. Albert and D. E. Goldberg, Efficient discretization scheduling in multiple dimensions, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 271–278, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Alden, A. van Kesteren, and R. Miikkulainen, Eugenic evolution utilizing A domain model, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 279–286, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S. Ando and H. Iba, Ant algorithm for construction of evolutionary tree, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 131, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. G. Arenas, B. Dolin, J. J. Merelo, P. A. Castillo, I. F. De Viana, and M. Schoenauer, JEO: Java evolving objects, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 991, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

P. Augustsson, K. Wolff, and P. Nordin, Creation of A learning, flying robot by means of evolution, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1279–1285, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

R. M. A. Azad, C. Ryan, M. E. Burke, and A. R. Ansari, A re-examination of the cart centering problem using the chorus system, in *GECCO 2002: Proceedings of the Genetic*

and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 707–715, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bacardit and Garrell 2002]

J. Bacardit and J. M. Garrell, Evolution of adaptive discretization intervals for A rule-based genetic learning system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 677, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Balthrop et al. 2002]

J. Balthrop, F. Esponda, S. Forrest, and M. Glickman, Coverage and generalization in an artificial immune system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 3–10, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Barbosa and Lemonge 2002]

H. J. C. Barbosa and A. C. C. Lemonge, An adaptive penalty scheme in genetic algorithms for constrained optimization problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 287–294, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Baresel et al. 2002]

A. Baresel, H. Sthamer, and M. Schmidt, Fitness function design to improve evolutionary structural testing, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1329–1336, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Barone et al. 2002]

L. Barone, L. While, and P. Hingston, Designing crushers with A multi-objective evolutionary algorithm, in *GECCO* 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 995–1002, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Beachkofski and Lamont 2002]

B. K. Beachkofski and G. B. Lamont, Evolutionary programming based stratified design space sampling, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter,

A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 193–200, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Beaulieu, C. Gagné, and M. Parizeau, Lens system design and re-engineering with evolutionary algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 155–162, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

B. Bhanu and Y. Lin, Learning composite operators for object detection, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1003–1010, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Birattari, T. Stützle, L. Paquete, and K. Varrentrapp, A racing algorithm for configuring metaheuristics, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 11–18, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

T. M. Blackwell and P. J. Bentley, Dynamic search with charged swarms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 19–26, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

C. Blum, M. Sampels, and M. Zlochin, On A particularity in model-based search, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 35–42, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

C. Blum, Ant colony optimization for the edge-weighted k-cardinality tree problem, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 27–34, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. C. Bongard and R. Pfeifer, Behavioural selection pressure generates hierarchical genetic regulatory networks, in

[Beaulieu et al. 2002]

[Bhanu and Lin 2002]

[Birattari et al. 2002]

[Blackwell and Bentley 2002]

[Blum et al. 2002]

[Blum 2002]

[Bongard and Pfeifer 2002]

GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 132, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Boryczka and Czech 2002]

M. Boryczka and Z. J. Czech, Solving approximation problems by ant colony programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 133, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bottaci 2002]

L. Bottaci, Instrumenting programs with flag variables for test data search by genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1337–1342, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Brabazon et al. 2002]

A. Brabazon, M. O'Neill, R. Matthews, and C. Ryan, Grammatical evolution and corporate failure prediction, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1011–1018, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bui and Strite 2002]

T. N. Bui and L. C. Strite, An ant system algorithm for graph bisection, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 43–51, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bull and O'Hara 2002]

L. Bull and T. O'Hara, Accuracy-based neuro and neuro-fuzzy classifier systems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 905–911, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bull et al. 2002]

L. Bull, D. Wyatt, and I. Parmee, Towards the use of XCS in interactive evolutionary design, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke,

and N. Jonoska, p. 951, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bull 2002]

L. Bull, Lookahead and latent learning in ZCS, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 897–904, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Bullinaria 2002]

J. A. Bullinaria, The evolution of variable learning rates, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 52–59, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Burke et al. 2002]

R. Burke, S. Gustafson, and G. Kendall, A survey and analysis of diversity measures in genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 716–723, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Byassee and Mathias 2002]

J. S. Byassee and K. E. Mathias, Expediting genetic search with dynamic memory, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 295–302, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Cantú-Paz and Kamath 2002]

E. Cantú-Paz and C. Kamath, Evolving neural networks for the classification of galaxies, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1019–1026, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Cantú-Paz 2002a]

E. Cantú-Paz, Feature subset selection by estimation of distribution algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 303–310, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Cantú-Paz 2002b]

E. Cantú-Paz, On random numbers and the performance of genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis,

R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 311–318, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Capcarrere 2002]

M. S. Capcarrere, Evolution of asynchronous cellular automata: Finding the good compromise, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 134, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Carr et al. 2002]

R. Carr, W. Hart, N. Krasnogor, J. Hirst, E. Burke, and J. Smith, Alignment of protein structures with A memetic evolutionary algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1027–1034, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Carvalho and Freitas 2002]

D. R. Carvalho and A. A. Freitas, A genetic algorithm with sequential niching for discovering small-disjunct rules, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1035–1042, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Castillo et al. 2002]

F. A. Castillo, K. A. Marshall, J. L. Green, and A. K. Kordon, Symbolic regression in design of experiments: A case study with linearizing transformations, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1043–1047, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Chen et al. 2002a]

J.-H. Chen, D. E. Goldberg, S.-Y. Ho, and K. Sastry, Fitness inheritance in multi-objective optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 319–326, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Chen et al. 2002b]

P. Chen, Z. Fu, P. Chen, and A. Lim, Using genetic algorithms to solve the yard allocation problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter,

A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1049–1056, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S.-S. Choi and B.-R. Moon, Isomorphism, normalization, and A genetic algorithm for sorting network optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 327–334, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S.-S. Choi and B.-R. Moon, More effective genetic search for the sorting network problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 335–342, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S.-S. Choi and B.-R. Moon, Optimized interest metric of rules and one-to-one marketing using connection networks, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1259, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. W. Chong and S. Kwong, A genetic algorithm for joint optimization of spare capacity and delay in self-healing network, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1260, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Clergue, P. Collard, M. Tomassini, and L. Vanneschi, Fitness distance correlation and problem difficulty for genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 724–732, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

C. A. C. Coello and R. L. Becerra, Adding knowledge and efficient data structures to evolutionary programming: A cultural algorithm for constrained optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 201–209, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Choi and Moon 2002a]

[Choi and Moon 2002b]

[Choi and Moon 2002c]

[Chong and Kwong 2002]

[Clergue et al. 2002]

[Coello and Becerra 2002]

[Congdon 2002]

C. B. Congdon, Gaphyl: An evolutionary algorithms approach for the study of natural evolution, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1057–1064, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Conradie et al. 2002]

A. Conradie, R. Miikkulainen, and C. Aldrich, Adaptive control utilising neural swarming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 60–67, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Cooper and Hinde 2002]

J. Cooper and C. Hinde, Comparison of evolving against peers and fixed opponents using corewars, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 887, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Crawford-Marks and Spector 2002]

R. Crawford-Marks and L. Spector, Size control via size fair genetic operators in the PushGP genetic programming system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 733–739, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Danek and Smith 2002]

M. Danek and R. E. Smith, XCS applied to mapping FPGA architectures, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 912–919, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Das et al. 2002]

S. Das, S. V. Gosavi, W. H. Hsu, and S. A. Vaze, An ant colony approach for the Steiner tree problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 135, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[DeLaurentis et al. 2002]

J. DeLaurentis, L. Ferguson, and W. E. Hart, On the convergence properties of A simple self-adaptive evolutionary algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli,

K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 229–237, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Devogelaere and Rijckaert 2002]

D. Devogelaere and M. Rijckaert, Influences of clustering modifications on the performatnce of the genetic algorithm driven clustering algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 678, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Divina and Marchiori 2002]

F. Divina and E. Marchiori, Evolutionary concept learning, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 343–350, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Ebner et al. 2002]

M. Ebner, H.-G. Breunig, and J. Albert, On the use of negative selection in an artificial immune system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 957–964, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Elliott et al. 2002]

L. Elliott, D. B. Ingham, A. G. Kyne, N. S. Mera, M. Pourkashanian, and C. W. Wilson, A real coded genetic algorithm for the optimisation of reaction rate parameters for chemical kinetic modelling in A perfectly stirred reactor, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1261, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Emer and Vergilio 2002]

M. C. F. P. Emer and S. R. Vergilio, GPTesT: A testing tool based on genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1343–1350, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Etaner-Uyar and Harmanci 2002]

A. S. Etaner-Uyar and A. E. Harmanci, Preserving diversity in changing environments through diploidy with adaptive dominance, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and

N. Jonoska, p. 679, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Fan et al. 2002]

Z. Fan, K. Seo, R. C. Rosenberg, J. Hu, and E. D. Goodman, Exploring multiple design topologies using genetic programming and bond graphs, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1073–1080, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Forman 2002]

S. L. Forman, Congressional redistricting using A TSP-based genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1262, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Fu and Davis 2002]

C. Fu and L. Davis, A modified classifier system compaction algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 920–925, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Gagné and Parizeau 2002]

C. Gagné and M. Parizeau, Open BEAGLE: A new C++ evolutionary computation framework, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 888, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Galindo-Legaria and Waas 2002]

C. Galindo-Legaria and F. Waas, The effect of cost distributions on evolutionary optimization algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 351–358, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Gallagher and Vigraham 2002]

J. C. Gallagher and S. Vigraham, A modified compact genetic algorithm for the intrinsic evolution of continuous time recurrent neural networks, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 163–170, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[García et al. 2002]

H. F. G. García, A. G. Vega, A. H. Aguirre, and C. C. Coello, Efficient affine 2D-image registration using evolutionary strategies, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1263, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Garrett and Walker 2002]

S. M. Garrett and J. H. Walker, Combining evolutionary and non-evolutionary methods in tracking dynamic global optima, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 359–366, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Giacobini et al. 2002]

M. Giacobini, M. Tomassini, and L. Vanneschi, How statistics can help in limiting the number of fitness cases in genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 889, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Goldbarg et al. 2002]

M. C. Goldbarg, E. F. Gouvêa, and F. D. d. M. Neto, Piston pump mobile unity tour problem: An evolutionary view, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1264, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Gómez et al. 2002]

A. Gómez, D. d. l. Fuente, J. Parreño, and J. Puente, Using genetic algorithms to optimize guillotine cutting operations, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1265, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[González and Dasgupta 2002]

F. A. González and D. Dasgupta, An imunogenetic technique to detect anomalies in network traffic, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1081–1088, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Greene 2002]

W. A. Greene, A genetic algorithm with self-distancing bits but no overt linkage, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by

W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 367–374, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Groß and Mayer 2002]

H.-G. Groß and N. Mayer, Evolutionary testing in component-based real-time system construction, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1393, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Groß et al. 2002]

R. Groß, K. Albrecht, W. Kantschik, and W. Banzhaf, Evolving chess playing programs, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 740–747, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Hamel 2002]

L. Hamel, Breeding algebraic structures—an evolutionary approach to inductive equational logic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 748–755, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Hamza et al. 2002]

K. Hamza, H. Mahmoud, and K. Saitou, Design optimization of N-shaped roof trusses, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1089–1096, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Harman et al. 2002a]

M. Harman, R. Hierons, and M. Proctor, A new representation and crossover operator for search-based optimization of software modularization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1351–1358, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Harman et al. 2002b]

M. Harman, L. Hu, R. Hierons, A. Baresel, and H. Sthamer, Improving evolutionary testing by flag removal, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter,

A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1359–1366, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Hartmann, F. Eskelund, P. C. Haddow, and J. F. Miller, Evolving fault tolerance on an unreliable technology platform, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 171–177, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

K. Hedman, D. Persson, P. Skoglund, D. Wiklund, K. Wolff, and P. Nordin, Sensing and direction in locomotion learning with A random morphology robot, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1297, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

A. C. H. Ho and S. Kwong, Optimization of CDMA based wireless system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1266, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

R. J. W. Hodgson, Partical swarm optimization applied to the atomic cluster optimization problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 68–73, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S. G. Hohmann, J. Schemmel, F. Schürmann, and K. Meier, Exploring the parameter space of A genetic algorithm for training an analog neural network, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 375–382, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

D. Howard and S. C. Roberts, Application of genetic programming to motorway traffic modelling, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1097–1104, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Hartmann et al. 2002]

[Hedman et al. 2002]

[Ho and Kwong 2002]

[Hodgson 2002]

[Hohmann et al. 2002]

[Howard and Roberts 2002]

[Howard et al. 2002]

[Hsu and Gustafson 2002]

[Hsu et al. 2002a]

[Hsu et al. 2002b]

[Hu et al. 2002a]

[Hu et al. 2002b]

D. Howard, S. C. Roberts, and C. Ryan, Machine vision: Exploring context with genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 756–763, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

W. H. Hsu and S. M. Gustafson, Genetic programming and multi-agent layered learning by reinforcements, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 764–771, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

W. H. Hsu, H. Guo, B. B. Perry, and J. A. Stilson, A permutation genetic algorithm for variable ordering in learning Bayesian networks from data, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 383–390, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

W. H. Hsu, C. P. Schmidt, and J. A. Louis, Genetic algorithm wrappers for feature subset selection in supervised inductive learning, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 680, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Hu, E. D. Goodman, K. Seo, and M. Pei, Adaptive hierarchical fair competition (AHFC) model for parallel evolutionary algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 772–779, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Hu, K. Seo, S. Li, Z. Fan, R. C. Rosenberg, and E. D. Goodman, Structure fitness sharing (SFS) for evolutionary design by genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 780–787, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Huang 2002a]

[Huang 2002b]

[Hüsken and Igel 2002]

[Iba and Sakamoto 2002]

[Imamura et al. 2002]

[Ishibuchi and Yamamoto 2002]

[Ishibuchi et al. 2002]

C.-F. Huang, A Markov chain analysis of fitness proportional mate selection schemes in genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 682, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

C.-G. Huang, A study of fitness proportional mate selection schemes in genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 681, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Hüsken and C. Igel, Balancing learning and evolution, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 391–398, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Iba and E. Sakamoto, Inference of differential equation moels by genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 788–795, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

K. Imamura, R. B. Heckendorn, T. Soule, and J. A. Foster, Abstention reduces errors—decision abstaining N-version genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 796–803, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Ishibuchi and T. Yamamoto, Fuzzy rule selection by data mining criteria and genetic algorithms, in *GECCO* 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 399–406, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Ishibuchi, T. Yoshida, and T. Murata, Balance between genetic search and local search in hybrid evolutionary multicriterion optimization algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy,

D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1301–1308, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Jansen and De Jong 2002]

T. Jansen and K. De Jong, An analysis of the role of offspring population size in EAs, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 238–246, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Ji and Dasgupta 2002]

Z. Ji and D. Dasgupta, Modeling convection coefficients with genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1267, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Jin and Sendhoff 2002a]

Y. Jin and B. Sendhoff, Fitness approximation in evolutionary computation—a survey, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1105–1112, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Jin and Sendhoff 2002b]

Y. Jin and B. Sendhoff, Incorporation of fuzzy preferences into evolutionary multiobjective optimization, in *GECCO* 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 683, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[John 2002]

D. J. John, Co-evolution with the Bierwirth-Mattfeld hybrid scheduler, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 259, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Jung and Moon 2002]

S. Jung and B.-R. Moon, A hybrid genetic algorithm for the vehicle routing problem with time windows, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1309–1316, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kang et al. 2002]

[Katagiri et al. 2002]

[Keber and Schuster 2002]

[Khan et al. 2002]

[Kim and Moon 2002a]

[Kim and Moon 2002b]

[Kim and Moon 2002c]

L.-S. Kang, Z. Kang, Y. Li, and H. D. Garis, A two level evolutionary modeling system for financial data, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1113–1118, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Katagiri, K. Hirasawa, J. Hu, and J. Murata, A new model to realize variable size genetic network programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 890, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

C. Keber and M. G. Schuster, Option valuation with generalized ant programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 74–81, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

N. Khan, D. E. Goldberg, and M. Pelikan, Multiple-objective Bayesian optimization algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 684, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J.-H. Kim and B.-R. Moon, Neuron reordering for better neuro-genetic hybrids, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 407–414, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J.-P. Kim and B.-R. Moon, A hybrid genetic search for circuit bipartitioning, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 685, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

Y.-H. Kim and B.-R. Moon, Visualization of the fitness landscape, A steady-state genetic search, and schema traces, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan,

V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 686, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kimbrough et al. 2002]

S. O. Kimbrough, M. Lu, D. H. Wood, and D. J. Wu, Exploring A two-market genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 415–422, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kirsopp et al. 2002]

C. Kirsopp, M. Shepperd, and J. Hart, Search heuristics, case-based reasoning and software project effort prediction, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1367–1374, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Knödler et al. 2002]

K. Knödler, J. Poland, A. Zell, and A. Mitterer, Memetic algorithms for combinatorial optimization problems in the calibration of modern combustion engines, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 687, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Koch and Zell 2002]

T. E. Koch and A. Zell, MOCS: Multi-objective clustering selection evolutionary algorithm, in *GECCO 2002: Proceedings* of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 423–430, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kókai et al. 2002]

G. Kókai, Z. Tóth, and S. Zvada, An experimental comparison of genetic and classical concept learning methods, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 952, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Korkmaz and Üçoluk 2002]

E. E. Korkmaz and G. Üçoluk, Controlling the genetic programming search, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 891, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kosorukoff and Goldberg 2002]

A. Kosorukoff and D. E. Goldberg, Evolutionary computation as A form of organization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 965–972, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kosorukoff 2002]

A. Kosorukoff, Using incremental evaluation and adaptive choice of operators in A genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 688, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kubica and Rieffel 2002]

J. Kubica and E. Rieffel, Collaborating with A genetic programming system to generate modular robotic code, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 804–811, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kumar and Ranjithan 2002]

S. V. Kumar and S. R. Ranjithan, Evaluation of the constraint method-based evolutionary algorithm (CMEA) for A three-objective problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 431–438, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Kwon et al. 2002]

Y.-K. Kwon, S.-D. Hong, and B.-R. Moon, A genetic hybrid for critical heat flux function approximation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1119–1125, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Landau et al. 2002]

S. Landau, S. Picault, O. Sigaud, and P. Gérard, A comparison between ATNoSFERES and XCSM, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 926–933, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Langdon et al. 2002]

W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, editors, *GECCO 2002: Proceedings of the*

Genetic and Evolutionary Computation Conference, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

W. B. Langdon, Convergence rates for the distribution of program outputs, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 812–819, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

O. Larsen, A. A. Freitas, and J. C. Nievola, Constructing X-of-n attributes with A genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1268, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Laumanns, L. Thiele, E. Zitzler, and K. Deb, Archiving with guaranteed convergence and diversity in multi-objective optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 439–447, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

N. P. Leahy, Effects of agent representation on the behavior of A non-reciprocal cooperation game, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 82–87, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S.-K. Lee, D.-I. Seo, and B.-R. Moon, A hybrid genetic algorithm for optimal hexagonal tortoise problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 689, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S.-Y. Lee, S.-S. Choi, and B.-R. Moon, Search improvement by genetic algorithms with A semiotic network, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1126–1132, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

T. Lenaerts, A. Defaweux, P. Van Remortel, and B. Manderick, An individual-based approach to multi-level selection, in

[Langdon 2002]

[Larsen et al. 2002]

[Laumanns et al. 2002]

[Leahy 2002]

[Lee et al. 2002a]

[Lee et al. 2002b]

[Lenaerts et al. 2002]

GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 136, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Liang et al. 2002]

S. Liang, A. N. Zincir-Heywood, and M. I. Heywood, Intelligent packets for dynamic network routing using distributed genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 88–96, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Linden 2002]

D. S. Linden, Antenna design using genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1133–1140, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Liu and Yao 2002a]

Y. Liu and X. Yao, Maintaining population diversity by minimizing mutual information, in *GECCO 2002: Proceedings* of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 448–455, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Liu and Yao 2002b]

Y. Liu and X. Yao, Search step size control in fast evolutionary programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 225, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Llorà and Garrell 2002]

X. Llorà and J. M. Garrell, Coevolving different knowledge representations with fine-grained parallel learning classifier systems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 934–941, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Luke and Panait 2002a]

S. Luke and L. Panait, Is the perfect the enemy of the good?, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter,

A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 820–828, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S. Luke and L. Panait, Lexicographic parsimony pressure, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 829–836, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

P. Machado, J. Tavares, F. B. Pereira, and E. Costa, Vehicle routing problem: Doing it the evolutionary way, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 690, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Mao, K. Hirasawa, J. Hu, and J. Murata, Increasing robustness of genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 456–462, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

P. Martin and R. Poli, Crossover operators for A hardware implementation of GP using FPGAs and Handel-C, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 845–852, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

P. Martin, An analysis of random number generators for A hardware implementation of genetic programming using FPGAs and Handel-C, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 837–844, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Masum, S. Christensen, and F. Oppacher, The turing ratio: Metrics for open-ended tasks, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 973–980, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

K. E. Mathias and J. S. Byassee, Agent support of genetic search in an immunological model of sparse distributed memory,

[Luke and Panait 2002b]

[Machado et al. 2002]

[Mao et al. 2002]

[Martin and Poli 2002]

[Martin 2002]

[Masum et al. 2002]

[Mathias and Byassee 2002]

in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 97–104, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Matsui et al. 2002]

S. Matsui, I. Watanabe, and K. ichi Tokoro, An efficient genetic algorithm for fixed channel assignment problem with limited bandwidth constraint, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1269, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[McPhee and Poli 2002]

N. F. McPhee and R. Poli, Using schema theory to explore interactions of multiple operators, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 853–860, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Menon 2002]

A. Menon, The point of point crossover: Shuffling to randomness, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 463–471, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Merkle and Middendorf 2002]

D. Merkle and M. Middendorf, Studies on the dynamics of ant colony optimization algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 105–112, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Merz 2002]

P. Merz, A comparison of memetic recombination operators for the traveling salesman problem, in *GECCO 2002: Proceedings* of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 472–479, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Meyesenburg et al. 2002a]

M. M. Meyesenburg, D. Hoelting, D. McElvain, and J. A. Foster, A genetic algorithm-specific test of random generator quality, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull,

M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 691, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Meyesenburg et al. 2002b]

M. M. Meyesenburg, D. Hoelting, D. McElvain, and J. A. Foster, How random generator quality impacts GA performance, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 480–487, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Mitchell and Mancoridis 2002]

B. S. Mitchell and S. Mancoridis, Using heuristic search techniques to extract design abstractions from source code, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1375–1382, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Montana et al. 2002]

D. Montana, T. Hussain, and T. Saxena, Adaptive reconfiguration of data networks using genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1141–1149, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Moore et al. 2002]

J. H. Moore, L. W. Hahn, M. D. Ritchie, T. A. Thornton, and B. C. White, Application of genetic algorithms to the discovery of complex models for simulation studies in human genetics, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1150–1155, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Naujoks et al. 2002]

B. Naujoks, W. Haase, J. Ziegenhirt, and T. Bäck, Multi objective airfoil design using single parent populations, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1156–1163, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Neri 2002]

F. Neri, Cooperative concept learning by means of A distributed GA, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 953, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Nicolau and Ryan 2002]

LINKGAUGE: Tackling hard M. Nicolau and C. Ryan, deceptive problems with A new linkage learning genetic algorithm, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 488–494, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Niparnan and Chongstitvatana 2002] N. Niparnan and P. Chongstitvatana, An improved genetic algorithm for the inference of finite state machine, GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 189, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Ochoa 2002]

G. Ochoa, Setting the mutation rate: Scope and limitations of the 1/L heuristic, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 495–502, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Oduguwa and Roy 2002]

V. Oduguwa and R. Roy, Multi-objective optimisation of rolling rod product design using meta-modelling approach, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1164-1171, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Okabe et al. 2002]

T. Okabe, Y. Jin, and B. Sendhoff, On the dynamics of evolutionary multi-objective optimization, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 247– 256, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Oliver-Morales and Vázquez 2002]

C. Oliver-Morales and K. R. Vázquez, MB GP in modelling and prediction, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 892, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Olson and Wilcox 2002]

R. Olson and B. Wilcox, Self-improvement for the ADATE automatic programming system, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy,

D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 893, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Otero et al. 2002]

F. E. B. Otero, M. M. S. Silvia, and A. A. Freitas, Genetic programming for attribute construction in data mining, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1270, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Panait and Luke 2002]

L. Panait and S. Luke, A comparison of two competitive fitness functions, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 503–511, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Parent and Nowe 2002]

J. Parent and A. Nowe, Evolving compression preprocessors with genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 861–867, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Park et al. 2002]

E.-J. Park, Y.-H. Kim, and B.-R. Moon, Genetic search for fixed channel assignment problem with limited bandwidth, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1172–1179, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Parker 2002]

G. B. Parker, Learning area coverage using the co-evolution of model parameters, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1286–1294, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Pelikan et al. 2002]

M. Pelikan, D. E. Goldberg, and S. Tsutsui, Combining the strengths of Bayesian optimization algorithm and adaptive evolution strategies, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 512–519, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Pelletier and Weimerskirch 2002]

O. Pelletier and A. Weimerskirch, Algorithmic self-assembly of DNA tiles and its application to cryptanalysis, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 139–146, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Pettinger and Everson 2002]

J. E. Pettinger and R. M. Everson, Controlling genetic algorithms with reinforcement learning, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 692, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Pietro et al. 2002]

A. D. Pietro, L. While, and L. Barone, Learning in RoboCup keepaway using evolutionary algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1065–1072, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Poli et al. 2002]

R. Poli, C. R. Stephens, A. H. Wright, and J. E. Rowe, On the search biases of homologuous crossover in linear genetic programming and variable-length genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 868–876, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Polvichai and Khosla 2002]

J. Polvichai and P. Khosla, Applying dynamic networks to improve learning performances of an evolutionary behavior programming system for mobile robots in dynamic environments, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1298, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Prado and Zuben 2002]

O. Prado and F. J. V. Zuben, An integrated system for phylogenetic inference using evolutionary algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 693, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Purshouse and Fleming 2002]

R. C. Purshouse and P. J. Fleming, Why use elitism and sharing in A multi-objective genetic algorithm?, in

GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 520– 527, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

K. Rasheed, S. Vattam, and X. Ni, Comparison of methods for using reduced models to speed up design optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1180–

1187, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. Reimann, M. Stummer, and K. Doerner, A savings based ant system for the vehicle routing problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1317–1326, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

W. Romão, A. A. Freitas, and R. C. S. Pacheco, A genetic algorithm for discovering interesting fuzzy prediction rules: Applications to science and technology data, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1188–1195, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

R. S. Roos, T. Bennett, J. Hannon, and E. Zehner, A genetic algorithm for improved shellsort sequences, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 694, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

B. J. Ross, A. G. Gualtieri, F. Fueten, and P. Budkewitsch, Hyperspectral image analysis using genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1196–1203, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

P. Ross, S. Schulenburg, J. Marín-Blázquez, and E. Hart, Hyper-heuristics: Learning to combine simple heuristics in bin-packing problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull,

[Rasheed et al. 2002]

[Reimann et al. 2002]

[Romão et al. 2002]

[Roos et al. 2002]

[Ross et al. 2002a]

[Ross et al. 2002b]

M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 942–948, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Rothlauf 2002]

F. Rothlauf, The influence of binary representations of integers on the performance of selectorecombinative genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 695, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Sastry and Goldberg 2002a]

K. Sastry and D. E. Goldberg, Genetic algorithms, efficiency enhancement, and deciding well with differing fitness bias values, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 536–543, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Sastry and Goldberg 2002b]

K. Sastry and D. E. Goldberg, Genetic algorithms, efficiency enhancement, and deciding well with differing fitness variances, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 528–535, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Sato 2002]

Y. Sato, Voice conversion using interactive evolution of prosodic control, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1204–1211, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Schaffer et al. 2002]

J. D. Schaffer, L. Agnihotri, N. Dimitrova, T. McGee, and S. Jeannin, Improving digital video commercial detectors with genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1212–1218, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Sekaj et al. 2002]

I. Sekaj, M. Foltin, and M. Gonos, Genetic algorithm based adaptive control of an electromechanical MIMO system, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 696, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Semenov 2002]

[Seo and Moon 2002]

[Simões and Costa 2002a]

[Simões and Costa 2002b]

[Singh et al. 2002]

[Someya and Yamamura 2002]

[Spirov and Kazansky 2002]

M. A. Semenov, Convergence velocity of evolutionary algorithm with self-adaptation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 210–213, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

D.-I. Seo and B.-R. Moon, Voronoi quantizied crossover for traveling salesman problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 544–552, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

A. Simões and E. Costa, Parametric study to enhance the genetic algorithm's performance when using transformation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 697, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

A. Simões and E. Costa, Using GAs to deal with dynamic environments: A comparative study of several approaches based on promoting diversity, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 698, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

A. Singh, D. E. Goldberg, and Y.-P. Chen, Modified linkage learning genetic algorithm for difficult non-stationary problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 699, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

H. Someya and M. Yamamura, Robust evolutionary algorithms with toroidal search space conversion for function optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 553–560, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

A. V. Spirov and A. B. Kazansky, Jumping genes-mutators can rise efficacy of evolutionary search, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz,

K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 561–568, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Stanley and Miikkulainen 2002a]

K. O. Stanley and R. Miikkulainen, Continual coevolution through complexification, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 113–120, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Stanley and Miikkulainen 2002b]

K. O. Stanley and R. Miikkulainen, Efficient reinforcement learning through evolving neural network topologies, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 569–577, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Stephens et al. 2002]

C. R. Stephens, R. Poli, A. H. Wright, and J. E. Rowe, Exact results from A coarse grained formulation of the dynamics of variable-length genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 578–585, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Stone and Smith 2002]

C. Stone and J. Smith, Strategy parameter variety in self-adaptation of mutation rates, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 586–593, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Streeter et al. 2002]

M. J. Streeter, M. A. Keane, and J. R. Koza, Iterative refinement of computational circuits using genetic programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 877–884, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Stringer and Wu 2002]

H. Stringer and A. S. Wu, A simple method for detecting domino convergence and identifying salient genes within A genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and

N. Jonoska, pp. 594–601, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Takadama et al. 2002]

K. Takadama, Y. L. Suematsu, N. E. Nawa, and K. Shimohara, Cross-validation in multiagent-based simulation: Analyzing evolutionary bargaining agents, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 121–128, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tanev et al. 2002]

I. T. Tanev, T. Uozumi, and Y. Morotome, An application service provider approach for hybrid evolutionary algorithm-based real-world flexible job shop scheduling problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1219–1226, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tangen 2002]

U. Tangen, An evolvable micro-controller or what's new about mutations?, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 178–186, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tiwari and Roy 2002]

A. Tiwari and R. Roy, Variable dependence interaction and multi-objective optimisation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 602–609, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tsai et al. 2002]

H.-K. Tsai, J.-M. Yang, and C.-Y. Kao, Applying genetic algorithms to finding the optimal gene order in displaying the microarray data, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 610–617, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tulai and Oppacher 2002]

A. F. Tulai and F. Oppacher, Combining competitive and cooperative coevolution for training cascade neural networks, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 618–625, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Tyni and Ylinen 2002]

in fitness caching, in GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 700, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

Bi-directional circular linked lists

T. Tyni and J. Ylinen,

[Ueda et al. 2002]

T. Ueda, N. Koga, I. Ono, and M. Okamoto, Application of numerical optimization technique based on real-coded genetic algorithm to inverse problem in biochemical systems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 701, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Ujjin and Bentley 2002]

S. Ujjin and P. J. Bentley, Evolving good recommendations, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1271, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Vallejo and Ramos 2002]

E. E. Vallejo and F. Ramos, Evolving finite automata with two-dimensional output for DNA recognition and visualization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1272, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Van Belle and Ackley 2002]

T. Van Belle and D. H. Ackley, Code factoring and the evolution of evolvability, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1383–1390, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Van Hoyweghen et al. 2002]

C. Van Hoyweghen, D. E. Goldberg, and B. Naudts, From twomax to the ising model: Easy and hard symmetrical problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 626–633, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Vogel et al. 2002]

A. Vogel, M. Fischer, and T. Teich, Real-world shop floor scheduling by ant colony optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz,

K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1273, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. S. Voss and X. Feng, A new methodology for emergent system identification using particle swarm optimization (PSO) and the group mehtod data handling (GMDH), in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1227–1232, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

D. Vrajitoru, Simulating gender separation with genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 634–641, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

X. Wang, L. Davis, and C. Fu, Genetic algorithms and fine-grained topologies for optimization, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 981–988, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

S. Watanabe, T. Hiroyasu, and M. Miki, LCGA: Local cultivation genetic algorithm for multi-objective optimization problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 702, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Wegener, K. Buhr, and H. Pohlheim, Automatic test data generation for structural testing of embedded software systems by evolutionary testing, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1233–1240, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

M. S. Withall, C. J. Hinde, and R. G. Stone, Evolving readable Perl, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and

[Voss and Feng 2002]

[Vrajitoru 2002]

[Wang et al. 2002]

[Watanabe et al. 2002]

[Wegener et al. 2002]

[Withall et al. 2002]

N. Jonoska, p. 894, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Wong et al. 2002]

M. L. Wong, S. Y. Lee, and K. S. Leung, A hybrid data mining approach to discover Bayesian networks using evolutionary programming, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 214–222, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Wright et al. 2002]

A. H. Wright, J. E. Rowe, R. Poli, and C. R. Stephens, A fixed point analysis of A gene pool GA with mutation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 642–649, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Wu and Garibay 2002]

A. S. Wu and I. Garibay, The proportional genetic algorithm representation, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 703, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Wu et al. 2002]

L. Wu, W. D. Potter, K. Rasheed, H. Thistle, J. Ghent, D. Twardus, and M. Teske, A comparison of genetic algorithm methods in aerial spray deposition management, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1274, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Yang 2002]

S. Yang, Adaptive non-uniform crossover based on statistics for genetic algorithms, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 650–657, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Younes et al. 2002]

A. Younes, H. Ghenniwa, and S. Areibi, An adaptive genetic algorithm for multi objective flexible manufacturing systems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1241–1248, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

[Yu and Miller 2002]

[Yu et al. 2002]

[Yurke and Simmel 2002]

[Zhang et al. 2002]

[Zhu and Leung 2002]

[Zitzler et al. 2002]

[Zydallis et al. 2002]

T. Yu and J. Miller, Climbing unimodal landscapes with neutrality: A case study of the one-max problem, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 704, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

X. Yu, A. Fin, F. Fummi, and E. M. Rudnick, Functional test generation for digital integrated circuits using A genetic algorithm, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1275, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

B. Yurke and F. C. Simmel, A DNA-based three-state device, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 147–152, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. Zhang, X. Yuan, and B. P. Buckles, A fast evolution strategies based approach to image registration, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 1249–1256, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

Z.-Y. Zhu and K.-S. Leung, An enhanced annealing genetic algorithm for multi-objective optimization problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 658–665, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

E. Zitzler, M. Laumanns, L. Thiele, C. M. Foneseca, and V. G. da Fonseca, Why quality assessment of multiobjective optimizers is difficult, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, pp. 666–674, New York, 9-13 July 2002, Morgan Kaufmann Publishers.

J. B. Zydallis, T. A. Sriver, and G. B. Lamont, Multiobjective evolutionary algorithm approach for solving integer based optimization problems, in *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, edited by

W. B. Langdon, E. Cantú-Paz, K. Mathias, R. Roy, D. Davis, R. Poli, K. Balakrishnan, V. Honavar, G. Rudolph, J. Wegener, L. Bull, M. A. Potter, A. C. Schultz, J. F. Miller, E. Burke, and N. Jonoska, p. 1276, New York, 9-13 July 2002, Morgan Kaufmann Publishers.