

Список литературы

- [AICKELIN and BULL, 2002] AICKELIN, U. and BULL, L. (2002). Partnering Strategies For Fitness Evaluation In A Pyramidal Evolutionary Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 263–270, New York. Morgan Kaufmann Publishers.
- [ALBERT and GOLDBERG, 2002] ALBERT, L. A. and GOLDBERG, D. E. (2002). Efficient Discretization Scheduling In Multiple Dimensions. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 271–278, New York. Morgan Kaufmann Publishers.
- [ALDEN *et al.*, 2002] ALDEN, M., VAN KESTEREN, A., and MIKKULAINEN, R. (2002). Eugenic Evolution Utilizing A Domain Model. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 279–286, New York. Morgan Kaufmann Publishers.
- [ANDO and IBA, 2002] ANDO, S. and IBA, H. (2002). Ant Algorithm For Construction Of Evolutionary Tree. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 131, New York. Morgan Kaufmann Publishers.
- [ARENAS *et al.*, 2002] ARENAS, M. G., DOLIN, B., MERELO, J. J., CASTILLO, P. A., DE VIANA, I. F., and SCHOENAUER, M. (2002). JEO: Java Evolving Objects. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 991, New York. Morgan Kaufmann Publishers.
- [AUGUSTSSON *et al.*, 2002] AUGUSTSSON, P., WOLFF, K., and NORDIN, P. (2002). Creation Of A Learning, Flying Robot By Means Of Evolution. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1279–1285, New York. Morgan Kaufmann Publishers.
- [AZAD *et al.*, 2002] AZAD, R. M. A., RYAN, C., BURKE, M. E., and ANSARI, A. R. (2002). A Re-examination Of The Cart Centering Problem Using The Chorus System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 707–715, New York. Morgan Kaufmann Publishers.
- [BACARDIT and GARRELL, 2002] BACARDIT, J. and GARRELL, J. M. (2002). Evolution Of Adaptive Discretization Intervals For A Rule-based Genetic Learning System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 677, New York. Morgan Kaufmann Publishers.
- [BALTHROP *et al.*, 2002] BALTHROP, J., ESPONDA, F., FORREST, S., and GLICKMAN, M. (2002). Coverage And Generalization In An Artificial Immune System. In LANGDON, W. B., CANTÚ-PAZ,

- E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 3–10, New York. Morgan Kaufmann Publishers.
- [BARBOSA and LEMONGE, 2002] BARBOSA, H. J. C. and LEMONGE, A. C. C. (2002). An Adaptive Penalty Scheme In Genetic Algorithms For Constrained Optimiazation Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 287–294, New York. Morgan Kaufmann Publishers.
- [BARESEL *et al.*, 2002] BARESEL, A., STHAMER, H., and SCHMIDT, M. (2002). Fitness Function Design To Improve Evolutionary Structural Testing. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1329–1336, New York. Morgan Kaufmann Publishers.
- [BARONE *et al.*, 2002] BARONE, L., WHILE, L., and HINGSTON, P. (2002). Designing Crushers With A Multi-objective Evolutionary Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 995–1002, New York. Morgan Kaufmann Publishers.
- [BEACHKOFSKI and LAMONT, 2002] BEACHKOFSKI, B. K. and LAMONT, G. B. (2002). Evolutionary Programming Based Stratified Design Space Sampling. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 193–200, New York. Morgan Kaufmann Publishers.
- [BEAULIEU *et al.*, 2002] BEAULIEU, J., GAGNÉ, C., and PARIZEAU, M. (2002). Lens System Design And Re-engineering With Evolutionary Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 155–162, New York. Morgan Kaufmann Publishers.
- [BHANU and LIN, 2002] BHANU, B. and LIN, Y. (2002). Learning Composite Operators For Object Detection. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1003–1010, New York. Morgan Kaufmann Publishers.
- [BIRATTARI *et al.*, 2002] BIRATTARI, M., STÜTZLE, T., PAQUETE, L., and VARRENTTRAPP, K. (2002). A Racing Algorithm For Configuring Metaheuristics. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 11–18, New York. Morgan Kaufmann Publishers.
- [BLACKWELL and BENTLEY, 2002] BLACKWELL, T. M. and BENTLEY, P. J. (2002). Dynamic Search With Charged Swarms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 19–26, New York. Morgan Kaufmann Publishers.

- [BLUM, 2002] BLUM, C. (2002). Ant Colony Optimization For The Edge-weighted k -cardinality Tree Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 27–34, New York. Morgan Kaufmann Publishers.
- [BLUM *et al.*, 2002] BLUM, C., SAMPELS, M., and ZLOCHIN, M. (2002). On A Particularity In Model-based Search. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 35–42, New York. Morgan Kaufmann Publishers.
- [BONGARD and PFEIFER, 2002] BONGARD, J. C. and PFEIFER, R. (2002). Behavioural Selection Pressure Generates Hierarchical Genetic Regulatory Networks. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 132, New York. Morgan Kaufmann Publishers.
- [BORYCZKA and CZECH, 2002] BORYCZKA, M. and CZECH, Z. J. (2002). Solving Approximation Problems By Ant Colony Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 133, New York. Morgan Kaufmann Publishers.
- [BOTTACI, 2002] BOTTACI, L. (2002). Instrumenting Programs With Flag Variables For Test Data Search By Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1337–1342, New York. Morgan Kaufmann Publishers.
- [BRABAZON *et al.*, 2002] BRABAZON, A., O’NEILL, M., MATTHEWS, R., and RYAN, C. (2002). Grammatical Evolution And Corporate Failure Prediction. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1011–1018, New York. Morgan Kaufmann Publishers.
- [BUI and STRITE, 2002] BUI, T. N. and STRITE, L. C. (2002). An Ant System Algorithm For Graph Bisection. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 43–51, New York. Morgan Kaufmann Publishers.
- [BULL, 2002] BULL, L. (2002). Lookahead And Latent Learning In ZCS. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 897–904, New York. Morgan Kaufmann Publishers.
- [BULL and O’HARA, 2002] BULL, L. and O’HARA, T. (2002). Accuracy-based Neuro And Neuro-fuzzy Classifier Systems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002:*

Proceedings of the Genetic and Evolutionary Computation Conference, pages 905–911, New York. Morgan Kaufmann Publishers.

- [BULL *et al.*, 2002] BULL, L., WYATT, D., and PARMEE, I. (2002). Towards The Use Of XCS In Interactive Evolutionary Design. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 951, New York. Morgan Kaufmann Publishers.
- [BULLINARIA, 2002] BULLINARIA, J. A. (2002). The Evolution Of Variable Learning Rates. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 52–59, New York. Morgan Kaufmann Publishers.
- [BURKE *et al.*, 2002] BURKE, R., GUSTAFSON, S., and KENDALL, G. (2002). A Survey And Analysis Of Diversity Measures In Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 716–723, New York. Morgan Kaufmann Publishers.
- [BYASSEEE and MATHIAS, 2002] BYASSEEE, J. S. and MATHIAS, K. E. (2002). Expediting Genetic Search With Dynamic Memory. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 295–302, New York. Morgan Kaufmann Publishers.
- [CANTÚ-PAZ, 2002a] CANTÚ-PAZ, E. (2002a). Feature Subset Selection By Estimation Of Distribution Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 303–310, New York. Morgan Kaufmann Publishers.
- [CANTÚ-PAZ, 2002b] CANTÚ-PAZ, E. (2002b). On Random Numbers And The Performance Of Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 311–318, New York. Morgan Kaufmann Publishers.
- [CANTÚ-PAZ and KAMATH, 2002] CANTÚ-PAZ, E. and KAMATH, C. (2002). Evolving Neural Networks For The Classification Of Galaxies. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1019–1026, New York. Morgan Kaufmann Publishers.
- [CAPCARRERE, 2002] CAPCARRERE, M. S. (2002). Evolution Of Asynchronous Cellular Automata: Finding The Good Compromise. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 134, New York. Morgan Kaufmann Publishers.
- [CARR *et al.*, 2002] CARR, R., HART, W., KRASNOGOR, N., HIRST, J., BURKE, E., and SMITH, J. (2002). Alignment Of Protein Structures With A Memetic Evolutionary Algorithm. In LANGDON,

- W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1027–1034, New York. Morgan Kaufmann Publishers.
- [CARVALHO and FREITAS, 2002] CARVALHO, D. R. and FREITAS, A. A. (2002). A Genetic Algorithm With Sequential Niching For Discovering Small-disjunct Rules. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1035–1042, New York. Morgan Kaufmann Publishers.
- [CASTILLO *et al.*, 2002] CASTILLO, F. A., MARSHALL, K. A., GREEN, J. L., and KORDON, A. K. (2002). Symbolic Regression In Design Of Experiments: A Case Study With Linearizing Transformations. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1043–1047, New York. Morgan Kaufmann Publishers.
- [CHEN *et al.*, 2002a] CHEN, J.-H., GOLDBERG, D. E., HO, S.-Y., and SASTRY, K. (2002a). Fitness Inheritance In Multi-objective Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 319–326, New York. Morgan Kaufmann Publishers.
- [CHEN *et al.*, 2002b] CHEN, P., FU, Z., CHEN, P., and LIM, A. (2002b). Using Genetic Algorithms To Solve The Yard Allocation Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1049–1056, New York. Morgan Kaufmann Publishers.
- [CHOI and MOON, 2002a] CHOI, S.-S. and MOON, B.-R. (2002a). Isomorphism, Normalization, And A Genetic Algorithm For Sorting Network Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 327–334, New York. Morgan Kaufmann Publishers.
- [CHOI and MOON, 2002b] CHOI, S.-S. and MOON, B.-R. (2002b). More Effective Genetic Search For The Sorting Network Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 335–342, New York. Morgan Kaufmann Publishers.
- [CHOI and MOON, 2002c] CHOI, S.-S. and MOON, B.-R. (2002c). Optimized Interest Metric Of Rules And One-to-one Marketing Using Connection Networks. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1259, New York. Morgan Kaufmann Publishers.
- [CHONG and KWONG, 2002] CHONG, H. W. and KWONG, S. (2002). A Genetic Algorithm For Joint Optimization Of Spare Capacity And Delay In Self-healing Network. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F.,

- BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1260, New York. Morgan Kaufmann Publishers.
- [CLERGUE *et al.*, 2002] CLERGUE, M., COLLARD, P., TOMASSINI, M., and VANNESCHI, L. (2002). Fitness Distance Correlation And Problem Difficulty For Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 724–732, New York. Morgan Kaufmann Publishers.
- [COELLO and BECERRA, 2002] COELLO, C. A. C. and BECERRA, R. L. (2002). Adding Knowledge And Efficient Data Structures To Evolutionary Programming: A Cultural Algorithm For Constrained Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 201–209, New York. Morgan Kaufmann Publishers.
- [CONGDON, 2002] CONGDON, C. B. (2002). Gaphyl: An Evolutionary Algorithms Approach For The Study Of Natural Evolution. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1057–1064, New York. Morgan Kaufmann Publishers.
- [CONRADIE *et al.*, 2002] CONRADIE, A., MIKKULAINEN, R., and ALDRICH, C. (2002). Adaptive Control Utilising Neural Swarming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 60–67, New York. Morgan Kaufmann Publishers.
- [COOPER and HINDE, 2002] COOPER, J. and HINDE, C. (2002). Comparison Of Evolving Against Peers And Fixed Opponents Using Corewars. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 887, New York. Morgan Kaufmann Publishers.
- [CRAWFORD-MARKS and SPECTOR, 2002] CRAWFORD-MARKS, R. and SPECTOR, L. (2002). Size Control Via Size Fair Genetic Operators In The PushGP Genetic Programming System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 733–739, New York. Morgan Kaufmann Publishers.
- [DANEK and SMITH, 2002] DANEK, M. and SMITH, R. E. (2002). XCS Applied To Mapping FPGA Architectures. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 912–919, New York. Morgan Kaufmann Publishers.
- [DAS *et al.*, 2002] DAS, S., GOSAVI, S. V., HSU, W. H., and VAZE, S. A. (2002). An Ant Colony Approach For The Steiner Tree Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 135, New York. Morgan Kaufmann Publishers.

- [DELAURENTIS *et al.*, 2002] DELAURENTIS, J., FERGUSON, L., and HART, W. E. (2002). On The Convergence Properties Of A Simple Self-adaptive Evolutionary Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 229–237, New York. Morgan Kaufmann Publishers.
- [DEVOGELAERE and RIJCKAERT, 2002] DEVOGELAERE, D. and RIJCKAERT, M. (2002). Influences Of Clustering Modifications On The Performatnce Of The Genetic Algorithm Driven Clustering Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 678, New York. Morgan Kaufmann Publishers.
- [DIVINA and MARCHIORI, 2002] DIVINA, F. and MARCHIORI, E. (2002). Evolutionary Concept Learning. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 343–350, New York. Morgan Kaufmann Publishers.
- [EBNER *et al.*, 2002] EBNER, M., BREUNIG, H.-G., and ALBERT, J. (2002). On The Use Of Negative Selection In An Artificial Immune System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 957–964, New York. Morgan Kaufmann Publishers.
- [ELLIOTT *et al.*, 2002] ELLIOTT, L., INGHAM, D. B., KYNE, A. G., MERA, N. S., POURKASHANIAN, M., and WILSON, C. W. (2002). A Real Coded Genetic Algorithm For The Optimisation Of Reaction Rate Parameters For Chemical Kinetic Modelling In A Perfectly Stirred Reactor. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1261, New York. Morgan Kaufmann Publishers.
- [EMER and VERGILIO, 2002] EMER, M. C. F. P. and VERGILIO, S. R. (2002). GPTesT: A Testing Tool Based On Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1343–1350, New York. Morgan Kaufmann Publishers.
- [ETANER-UYAR and HARMANCI, 2002] ETANER-UYAR, A. S. and HARMANCI, A. E. (2002). Preserving Diversity In Changing Environments Through Diploidy With Adaptive Dominance. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 679, New York. Morgan Kaufmann Publishers.
- [FAN *et al.*, 2002] FAN, Z., SEO, K., ROSENBERG, R. C., HU, J., and GOODMAN, E. D. (2002). Exploring Multiple Design Topologies Using Genetic Programming And Bond Graphs. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1073–1080, New York. Morgan Kaufmann Publishers.
- [FORMAN, 2002] FORMAN, S. L. (2002). Congressional Redistricting Using A TSP-based Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI,

- R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1262, New York. Morgan Kaufmann Publishers.
- [FU and DAVIS, 2002] FU, C. and DAVIS, L. (2002). A Modified Classifier System Compaction Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 920–925, New York. Morgan Kaufmann Publishers.
- [GAGNÉ and PARIZEAU, 2002] GAGNÉ, C. and PARIZEAU, M. (2002). Open BEAGLE: A New C++ Evolutionary Computation Framework. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 888, New York. Morgan Kaufmann Publishers.
- [GALINDO-LEGARIA and WAAS, 2002] GALINDO-LEGARIA, C. and WAAS, F. (2002). The Effect Of Cost Distributions On Evolutionary Optimization Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 351–358, New York. Morgan Kaufmann Publishers.
- [GALLAGHER and VIGRAHAM, 2002] GALLAGHER, J. C. and VIGRAHAM, S. (2002). A Modified Compact Genetic Algorithm For The Intrinsic Evolution Of Continuous Time Recurrent Neural Networks. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 163–170, New York. Morgan Kaufmann Publishers.
- [GARCÍA *et al.*, 2002] GARCÍA, H. F. G., VEGA, A. G., AGUIRRE, A. H., and COELLO, C. C. (2002). Efficient Affine 2D-image Registration Using Evolutionary Strategies. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1263, New York. Morgan Kaufmann Publishers.
- [GARRETT and WALKER, 2002] GARRETT, S. M. and WALKER, J. H. (2002). Combining Evolutionary And Non-evolutionary Methods In Tracking Dynamic Global Optima. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 359–366, New York. Morgan Kaufmann Publishers.
- [GIACOBINI *et al.*, 2002] GIACOBINI, M., TOMASSINI, M., and VANNESCHI, L. (2002). How Statistics Can Help In Limiting The Number Of Fitness Cases In Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 889, New York. Morgan Kaufmann Publishers.
- [GOLDBARG *et al.*, 2002] GOLDBARG, M. C., GOUVÊA, E. F., and NETO, F. D. D. M. (2002). Piston Pump Mobile Unity Tour Problem: An Evolutionary View. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and

- JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1264, New York. Morgan Kaufmann Publishers.
- [GÓMEZ *et al.*, 2002] GÓMEZ, A., FUENTE, D. D. L., PARREÑO, J., and PUENTE, J. (2002). Using Genetic Algorithms To Optimize Guillotine Cutting Operations. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1265, New York. Morgan Kaufmann Publishers.
- [GONZÁLEZ and DASGUPTA, 2002] GONZÁLEZ, F. A. and DASGUPTA, D. (2002). An Immunogenetic Technique To Detect Anomalies In Network Traffic. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1081–1088, New York. Morgan Kaufmann Publishers.
- [GREENE, 2002] GREENE, W. A. (2002). A Genetic Algorithm With Self-distancing Bits But No Overt Linkage. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 367–374, New York. Morgan Kaufmann Publishers.
- [GROSS and MAYER, 2002] GROSS, H.-G. and MAYER, N. (2002). Evolutionary Testing In Component-based Real-time System Construction. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1393, New York. Morgan Kaufmann Publishers.
- [GROSS *et al.*, 2002] GROSS, R., ALBRECHT, K., KANTSCHIK, W., and BANZHAF, W. (2002). Evolving Chess Playing Programs. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 740–747, New York. Morgan Kaufmann Publishers.
- [HAMEL, 2002] HAMEL, L. (2002). Breeding Algebraic Structures—An Evolutionary Approach To Inductive Equational Logic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 748–755, New York. Morgan Kaufmann Publishers.
- [HAMZA *et al.*, 2002] HAMZA, K., MAHMOUD, H., and SAITOU, K. (2002). Design Optimization Of N-shaped Roof Trusses. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1089–1096, New York. Morgan Kaufmann Publishers.
- [HARMAN *et al.*, 2002a] HARMAN, M., HIERONS, R., and PROCTOR, M. (2002a). A New Representation And Crossover Operator For Search-based Optimization Of Software Modularization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1351–1358, New York. Morgan Kaufmann Publishers.

- [HARMAN *et al.*, 2002b] HARMAN, M., HU, L., HIERONS, R., BARESEL, A., and STHAMER, H. (2002b). Improving Evolutionary Testing By Flag Removal. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1359–1366, New York. Morgan Kaufmann Publishers.
- [HARTMANN *et al.*, 2002] HARTMANN, M., ESKEKUND, F., HADDOW, P. C., and MILLER, J. F. (2002). Evolving Fault Tolerance On An Unreliable Technology Platform. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 171–177, New York. Morgan Kaufmann Publishers.
- [HEDMAN *et al.*, 2002] HEDMAN, K., PERSSON, D., SKOGLUND, P., WIKLUND, D., WOLFF, K., and NORDIN, P. (2002). Sensing And Direction In Locomotion Learning With A Random Morphology Robot. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1297, New York. Morgan Kaufmann Publishers.
- [HO and KWONG, 2002] HO, A. C. H. and KWONG, S. (2002). Optimization Of CDMA Based Wireless System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1266, New York. Morgan Kaufmann Publishers.
- [HODGSON, 2002] HODGSON, R. J. W. (2002). Partical Swarm Optimization Applied To The Atomic Cluster Optimization Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 68–73, New York. Morgan Kaufmann Publishers.
- [HOHMANN *et al.*, 2002] HOHMANN, S. G., SCHEMMEL, J., SCHÜRMANN, F., and MEIER, K. (2002). Exploring The Parameter Space Of A Genetic Algorithm For Training An Analog Neural Network. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 375–382, New York. Morgan Kaufmann Publishers.
- [HOWARD and ROBERTS, 2002] HOWARD, D. and ROBERTS, S. C. (2002). Application Of Genetic Programming To Motorway Traffic Modelling. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1097–1104, New York. Morgan Kaufmann Publishers.
- [HOWARD *et al.*, 2002] HOWARD, D., ROBERTS, S. C., and RYAN, C. (2002). Machine Vision: Exploring Context With Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 756–763, New York. Morgan Kaufmann Publishers.
- [HSU *et al.*, 2002a] HSU, W. H., GUO, H., PERRY, B. B., and STILSON, J. A. (2002a). A Permutation Genetic Algorithm For Variable Ordering In Learning Bayesian Networks From Data. In LANGDON,

- W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 383–390, New York. Morgan Kaufmann Publishers.
- [HSU and GUSTAFSON, 2002] HSU, W. H. and GUSTAFSON, S. M. (2002). Genetic Programming And Multi-agent Layered Learning By Reinforcements. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 764–771, New York. Morgan Kaufmann Publishers.
- [HSU *et al.*, 2002b] HSU, W. H., SCHMIDT, C. P., and LOUIS, J. A. (2002b). Genetic Algorithm Wrappers For Feature Subset Selection In Supervised Inductive Learning. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 680, New York. Morgan Kaufmann Publishers.
- [HU *et al.*, 2002a] HU, J., GOODMAN, E. D., SEO, K., and PEI, M. (2002a). Adaptive Hierarchical Fair Competition (AHFC) Model For Parallel Evolutionary Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 772–779, New York. Morgan Kaufmann Publishers.
- [HU *et al.*, 2002b] HU, J., SEO, K., LI, S., FAN, Z., ROSENBERG, R. C., and GOODMAN, E. D. (2002b). Structure Fitness Sharing (SFS) For Evolutionary Design By Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 780–787, New York. Morgan Kaufmann Publishers.
- [HUANG, 2002a] HUANG, C.-F. (2002a). A Markov Chain Analysis Of Fitness Proportional Mate Selection Schemes In Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 682, New York. Morgan Kaufmann Publishers.
- [HUANG, 2002b] HUANG, C.-G. (2002b). A Study Of Fitness Proportional Mate Selection Schemes In Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 681, New York. Morgan Kaufmann Publishers.
- [HÜSKEN and IGEL, 2002] HÜSKEN, M. and IGEL, C. (2002). Balancing Learning And Evolution. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 391–398, New York. Morgan Kaufmann Publishers.
- [IBA and SAKAMOTO, 2002] IBA, H. and SAKAMOTO, E. (2002). Inference Of Differential Equation Models By Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 788–795, New York. Morgan Kaufmann Publishers.

- [IMAMURA *et al.*, 2002] IMAMURA, K., HECKENDORN, R. B., SOULE, T., and FOSTER, J. A. (2002). Abstention Reduces Errors—decision Abstaining N-version Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 796–803, New York. Morgan Kaufmann Publishers.
- [ISHIBUCHI and YAMAMOTO, 2002] ISHIBUCHI, H. and YAMAMOTO, T. (2002). Fuzzy Rule Selection By Data Mining Criteria And Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 399–406, New York. Morgan Kaufmann Publishers.
- [ISHIBUCHI *et al.*, 2002] ISHIBUCHI, H., YOSHIDA, T., and MURATA, T. (2002). Balance Between Genetic Search And Local Search In Hybrid Evolutionary Multi-criterion Optimization Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1301–1308, New York. Morgan Kaufmann Publishers.
- [JANSEN and DE JONG, 2002] JANSEN, T. and DE JONG, K. (2002). An Analysis Of The Role Of Offspring Population Size In EAs. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 238–246, New York. Morgan Kaufmann Publishers.
- [JI and DASGUPTA, 2002] JI, Z. and DASGUPTA, D. (2002). Modeling Convection Coefficients With Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1267, New York. Morgan Kaufmann Publishers.
- [JIN and SENDHOFF, 2002a] JIN, Y. and SENDHOFF, B. (2002a). Fitness Approximation In Evolutionary Computation—a Survey. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1105–1112, New York. Morgan Kaufmann Publishers.
- [JIN and SENDHOFF, 2002b] JIN, Y. and SENDHOFF, B. (2002b). Incorporation Of Fuzzy Preferences Into Evolutionary Multiobjective Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 683, New York. Morgan Kaufmann Publishers.
- [JOHN, 2002] JOHN, D. J. (2002). Co-evolution With The Bierwirth-Mattfeld Hybrid Scheduler. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 259, New York. Morgan Kaufmann Publishers.
- [JUNG and MOON, 2002] JUNG, S. and MOON, B.-R. (2002). A Hybrid Genetic Algorithm For The Vehicle Routing Problem With Time Windows. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 259, New York. Morgan Kaufmann Publishers.

- J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1309–1316, New York. Morgan Kaufmann Publishers.
- [KANG *et al.*, 2002] KANG, L.-S., KANG, Z., LI, Y., and GARIS, H. D. (2002). A Two Level Evolutionary Modeling System For Financial Data. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1113–1118, New York. Morgan Kaufmann Publishers.
- [KATAGIRI *et al.*, 2002] KATAGIRI, H., HIRASAWA, K., HU, J., and MURATA, J. (2002). A New Model To Realize Variable Size Genetic Network Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 890, New York. Morgan Kaufmann Publishers.
- [KEBER and SCHUSTER, 2002] KEBER, C. and SCHUSTER, M. G. (2002). Option Valuation With Generalized Ant Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 74–81, New York. Morgan Kaufmann Publishers.
- [KHAN *et al.*, 2002] KHAN, N., GOLDBERG, D. E., and PELIKAN, M. (2002). Multiple-objective Bayesian Optimization Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 684, New York. Morgan Kaufmann Publishers.
- [KIM and MOON, 2002a] KIM, J.-H. and MOON, B.-R. (2002a). Neuron Reordering For Better Neuro-genetic Hybrids. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 407–414, New York. Morgan Kaufmann Publishers.
- [KIM and MOON, 2002b] KIM, J.-P. and MOON, B.-R. (2002b). A Hybrid Genetic Search For Circuit Bipartitioning. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 685, New York. Morgan Kaufmann Publishers.
- [KIM and MOON, 2002c] KIM, Y.-H. and MOON, B.-R. (2002c). Visualization Of The Fitness Landscape, A Steady-state Genetic Search, And Schema Traces. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 686, New York. Morgan Kaufmann Publishers.
- [KIMBROUGH *et al.*, 2002] KIMBROUGH, S. O., LU, M., WOOD, D. H., and WU, D. J. (2002). Exploring A Two-market Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 415–422, New York. Morgan Kaufmann Publishers.

- [KIRSOPP *et al.*, 2002] KIRSOPP, C., SHEPPERD, M., and HART, J. (2002). Search Heuristics, Case-based Reasoning And Software Project Effort Prediction. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1367–1374, New York. Morgan Kaufmann Publishers.
- [KNÖDLER *et al.*, 2002] KNÖDLER, K., POLAND, J., ZELL, A., and MITTERER, A. (2002). Memetic Algorithms For Combinatorial Optimization Problems In The Calibration Of Modern Combustion Engines. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 687, New York. Morgan Kaufmann Publishers.
- [KOCH and ZELL, 2002] KOCH, T. E. and ZELL, A. (2002). MOCS: Multi-objective Clustering Selection Evolutionary Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 423–430, New York. Morgan Kaufmann Publishers.
- [KÓKAI *et al.*, 2002] KÓKAI, G., TÓTH, Z., and ZVADA, S. (2002). An Experimental Comparison Of Genetic And Classical Concept Learning Methods. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 952, New York. Morgan Kaufmann Publishers.
- [KORKMAZ and ÜÇOLUK, 2002] KORKMAZ, E. E. and ÜÇOLUK, G. (2002). Controlling The Genetic Programming Search. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 891, New York. Morgan Kaufmann Publishers.
- [KOSORUKOFF, 2002] KOSORUKOFF, A. (2002). Using Incremental Evaluation And Adaptive Choice Of Operators In A Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 688, New York. Morgan Kaufmann Publishers.
- [KOSORUKOFF and GOLDBERG, 2002] KOSORUKOFF, A. and GOLDBERG, D. E. (2002). Evolutionary Computation As A Form Of Organization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 965–972, New York. Morgan Kaufmann Publishers.
- [KUBICA and RIEFFEL, 2002] KUBICA, J. and RIEFFEL, E. (2002). Collaborating With A Genetic Programming System To Generate Modular Robotic Code. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 804–811, New York. Morgan Kaufmann Publishers.
- [KUMAR and RANJITHAN, 2002] KUMAR, S. V. and RANJITHAN, S. R. (2002). Evaluation Of The Constraint Method-based Evolutionary Algorithm (CMEA) For A Three-objective Problem. In

- LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 431–438, New York. Morgan Kaufmann Publishers.
- [KWON *et al.*, 2002] KWON, Y.-K., HONG, S.-D., and MOON, B.-R. (2002). A Genetic Hybrid For Critical Heat Flux Function Approximation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1119–1125, New York. Morgan Kaufmann Publishers.
- [LANDAU *et al.*, 2002] LANDAU, S., PICAULT, S., SIGAUD, O., and GÉRARD, P. (2002). A Comparison Between ATNoSFERES And XCSM. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 926–933, New York. Morgan Kaufmann Publishers.
- [LANGDON, 2002] LANGDON, W. B. (2002). Convergence Rates For The Distribution Of Program Outputs. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 812–819, New York. Morgan Kaufmann Publishers.
- [LANGDON *et al.*, 2002] LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors (2002). *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, New York. Morgan Kaufmann Publishers.
- [LARSEN *et al.*, 2002] LARSEN, O., FREITAS, A. A., and NIEVOLA, J. C. (2002). Constructing X-of-n Attributes With A Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1268, New York. Morgan Kaufmann Publishers.
- [LAUMANNs *et al.*, 2002] LAUMANNs, M., THIELE, L., ZITZLER, E., and DEB, K. (2002). Archiving With Guaranteed Convergence And Diversity In Multi-objective Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 439–447, New York. Morgan Kaufmann Publishers.
- [LEAHY, 2002] LEAHY, N. P. (2002). Effects Of Agent Representation On The Behavior Of A Non-reciprocal Cooperation Game. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 82–87, New York. Morgan Kaufmann Publishers.
- [LEE *et al.*, 2002a] LEE, S.-K., SEO, D.-I., and MOON, B.-R. (2002a). A Hybrid Genetic Algorithm For Optimal Hexagonal Tortoise Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 689, New York. Morgan Kaufmann Publishers.

- [LEE *et al.*, 2002b] LEE, S.-Y., CHOI, S.-S., and MOON, B.-R. (2002b). Search Improvement By Genetic Algorithms With A Semiotic Network. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1126–1132, New York. Morgan Kaufmann Publishers.
- [LENAERTS *et al.*, 2002] LENAERTS, T., DEFAWEUX, A., VAN REMORTEL, P., and MANDERICK, B. (2002). An Individual-based Approach To Multi-level Selection. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 136, New York. Morgan Kaufmann Publishers.
- [LIANG *et al.*, 2002] LIANG, S., ZINCIR-HEYWOOD, A. N., and HEYWOOD, M. I. (2002). Intelligent Packets For Dynamic Network Routing Using Distributed Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 88–96, New York. Morgan Kaufmann Publishers.
- [LINDEN, 2002] LINDEN, D. S. (2002). Antenna Design Using Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1133–1140, New York. Morgan Kaufmann Publishers.
- [LIU and YAO, 2002a] LIU, Y. and YAO, X. (2002a). Maintaining Population Diversity By Minimizing Mutual Information. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 448–455, New York. Morgan Kaufmann Publishers.
- [LIU and YAO, 2002b] LIU, Y. and YAO, X. (2002b). Search Step Size Control In Fast Evolutionary Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 225, New York. Morgan Kaufmann Publishers.
- [LLORÀ and GARRELL, 2002] LLORÀ, X. and GARRELL, J. M. (2002). Coevolving Different Knowledge Representations With Fine-grained Parallel Learning Classifier Systems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 934–941, New York. Morgan Kaufmann Publishers.
- [LUKE and PANAIT, 2002a] LUKE, S. and PANAIT, L. (2002a). Is The Perfect The Enemy Of The Good? In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 820–828, New York. Morgan Kaufmann Publishers.
- [LUKE and PANAIT, 2002b] LUKE, S. and PANAIT, L. (2002b). Lexicographic Parsimony Pressure. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 829–836, New York. Morgan Kaufmann Publishers.

- [MACHADO *et al.*, 2002] MACHADO, P., TAVARES, J., PEREIRA, F. B., and COSTA, E. (2002). Vehicle Routing Problem: Doing It The Evolutionary Way. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 690, New York. Morgan Kaufmann Publishers.
- [MAO *et al.*, 2002] MAO, J., HIRASAWA, K., HU, J., and MURATA, J. (2002). Increasing Robustness Of Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 456–462, New York. Morgan Kaufmann Publishers.
- [MARTIN, 2002] MARTIN, P. (2002). An Analysis Of Random Number Generators For A Hardware Implementation Of Genetic Programming Using FPGAs And Handel-C. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 837–844, New York. Morgan Kaufmann Publishers.
- [MARTIN and POLI, 2002] MARTIN, P. and POLI, R. (2002). Crossover Operators For A Hardware Implementation Of GP Using FPGAs And Handel-C. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 845–852, New York. Morgan Kaufmann Publishers.
- [MASUM *et al.*, 2002] MASUM, H., CHRISTENSEN, S., and OPPACHER, F. (2002). The Turing Ratio: Metrics For Open-ended Tasks. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 973–980, New York. Morgan Kaufmann Publishers.
- [MATHIAS and BYASSE, 2002] MATHIAS, K. E. and BYASSE, J. S. (2002). Agent Support Of Genetic Search In An Immunological Model Of Sparse Distributed Memory. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 97–104, New York. Morgan Kaufmann Publishers.
- [MATSUI *et al.*, 2002] MATSUI, S., WATANABE, I., and ICHI TOKORO, K. (2002). An Efficient Genetic Algorithm For Fixed Channel Assignment Problem With Limited Bandwidth Constraint. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1269, New York. Morgan Kaufmann Publishers.
- [MCPHEE and POLI, 2002] MCPHEE, N. F. and POLI, R. (2002). Using Schema Theory To Explore Interactions Of Multiple Operators. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 853–860, New York. Morgan Kaufmann Publishers.
- [MENON, 2002] MENON, A. (2002). The Point Of Point Crossover: Shuffling To Randomness. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C.,

- MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 463–471, New York. Morgan Kaufmann Publishers.
- [MERKLE and MIDDENDORF, 2002] MERKLE, D. and MIDDENDORF, M. (2002). Studies On The Dynamics Of Ant Colony Optimization Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 105–112, New York. Morgan Kaufmann Publishers.
- [MERZ, 2002] MERZ, P. (2002). A Comparison Of Memetic Recombination Operators For The Traveling Salesman Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 472–479, New York. Morgan Kaufmann Publishers.
- [MEYESENBURG *et al.*, 2002a] MEYESENBURG, M. M., HOELTING, D., MCELVAIN, D., and FOSTER, J. A. (2002a). A Genetic Algorithm-specific Test Of Random Generator Quality. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 691, New York. Morgan Kaufmann Publishers.
- [MEYESENBURG *et al.*, 2002b] MEYESENBURG, M. M., HOELTING, D., MCELVAIN, D., and FOSTER, J. A. (2002b). How Random Generator Quality Impacts GA Performance. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 480–487, New York. Morgan Kaufmann Publishers.
- [MITCHELL and MANCORIDIS, 2002] MITCHELL, B. S. and MANCORIDIS, S. (2002). Using Heuristic Search Techniques To Extract Design Abstractions From Source Code. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1375–1382, New York. Morgan Kaufmann Publishers.
- [MONTANA *et al.*, 2002] MONTANA, D., HUSSAIN, T., and SAXENA, T. (2002). Adaptive Reconfiguration Of Data Networks Using Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1141–1149, New York. Morgan Kaufmann Publishers.
- [MOORE *et al.*, 2002] MOORE, J. H., HAHN, L. W., RITCHIE, M. D., THORNTON, T. A., and WHITE, B. C. (2002). Application Of Genetic Algorithms To The Discovery Of Complex Models For Simulation Studies In Human Genetics. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1150–1155, New York. Morgan Kaufmann Publishers.
- [NAUJOKS *et al.*, 2002] NAUJOKS, B., HAASE, W., ZIEGENHIRT, J., and BÄCK, T. (2002). Multi Objective Airfoil Design Using Single Parent Populations. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1156–1163, New York. Morgan Kaufmann Publishers.

- [NERI, 2002] NERI, F. (2002). Cooperative Concept Learning By Means Of A Distributed GA. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 953, New York. Morgan Kaufmann Publishers.
- [NICOLAU and RYAN, 2002] NICOLAU, M. and RYAN, C. (2002). LINKGAUGE: Tackling Hard Deceptive Problems With A New Linkage Learning Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 488–494, New York. Morgan Kaufmann Publishers.
- [NIPARNAN and CHONGSTITVATANA, 2002] NIPARNAN, N. and CHONGSTITVATANA, P. (2002). An Improved Genetic Algorithm For The Inference Of Finite State Machine. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 189, New York. Morgan Kaufmann Publishers.
- [OCHOA, 2002] OCHOA, G. (2002). Setting The Mutation Rate: Scope And Limitations Of The $1/L$ Heuristic. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 495–502, New York. Morgan Kaufmann Publishers.
- [ODUGUWA and ROY, 2002] ODUGUWA, V. and ROY, R. (2002). Multi-objective Optimisation Of Rolling Rod Product Design Using Meta-modelling Approach. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1164–1171, New York. Morgan Kaufmann Publishers.
- [OKABE *et al.*, 2002] OKABE, T., JIN, Y., and SENDHOFF, B. (2002). On The Dynamics Of Evolutionary Multi-objective Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 247–256, New York. Morgan Kaufmann Publishers.
- [OLIVER-MORALES and VÁZQUEZ, 2002] OLIVER-MORALES, C. and VÁZQUEZ, K. R. (2002). MB GP In Modelling And Prediction. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 892, New York. Morgan Kaufmann Publishers.
- [OLSON and WILCOX, 2002] OLSON, R. and WILCOX, B. (2002). Self-improvement For The ADATE Automatic Programming System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 893, New York. Morgan Kaufmann Publishers.
- [OTERO *et al.*, 2002] OTERO, F. E. B., SILVIA, M. M. S., and FREITAS, A. A. (2002). Genetic Programming For Attribute Construction In Data Mining. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and

- JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1270, New York. Morgan Kaufmann Publishers.
- [PANAIT and LUKE, 2002] PANAIT, L. and LUKE, S. (2002). A Comparison Of Two Competitive Fitness Functions. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 503–511, New York. Morgan Kaufmann Publishers.
- [PARENT and NOWE, 2002] PARENT, J. and NOWE, A. (2002). Evolving Compression Preprocessors With Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 861–867, New York. Morgan Kaufmann Publishers.
- [PARK *et al.*, 2002] PARK, E.-J., KIM, Y.-H., and MOON, B.-R. (2002). Genetic Search For Fixed Channel Assignment Problem With Limited Bandwidth. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1172–1179, New York. Morgan Kaufmann Publishers.
- [PARKER, 2002] PARKER, G. B. (2002). Learning Area Coverage Using The Co-evolution Of Model Parameters. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1286–1294, New York. Morgan Kaufmann Publishers.
- [PELIKAN *et al.*, 2002] PELIKAN, M., GOLDBERG, D. E., and TSUTSUI, S. (2002). Combining The Strengths Of Bayesian Optimization Algorithm And Adaptive Evolution Strategies. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 512–519, New York. Morgan Kaufmann Publishers.
- [PELLETIER and WEIMERSKIRCH, 2002] PELLETIER, O. and WEIMERSKIRCH, A. (2002). Algorithmic Self-assembly Of DNA Tiles And Its Application To Cryptanalysis. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 139–146, New York. Morgan Kaufmann Publishers.
- [PETTINGER and EVERSON, 2002] PETTINGER, J. E. and EVERSON, R. M. (2002). Controlling Genetic Algorithms With Reinforcement Learning. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 692, New York. Morgan Kaufmann Publishers.
- [PIETRO *et al.*, 2002] PIETRO, A. D., WHILE, L., and BARONE, L. (2002). Learning In RoboCup Keepaway Using Evolutionary Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1065–1072, New York. Morgan Kaufmann Publishers.

- [POLI *et al.*, 2002] POLI, R., STEPHENS, C. R., WRIGHT, A. H., and ROWE, J. E. (2002). On The Search Biases Of Homologous Crossover In Linear Genetic Programming And Variable-length Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 868–876, New York. Morgan Kaufmann Publishers.
- [POLVICHAI and KHOSLA, 2002] POLVICHAI, J. and KHOSLA, P. (2002). Applying Dynamic Networks To Improve Learning Performances Of An Evolutionary Behavior Programming System For Mobile Robots In Dynamic Environments. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1298, New York. Morgan Kaufmann Publishers.
- [PRADO and ZUBEN, 2002] PRADO, O. and ZUBEN, F. J. V. (2002). An Integrated System For Phylogenetic Inference Using Evolutionary Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 693, New York. Morgan Kaufmann Publishers.
- [PURSHOUSE and FLEMING, 2002] PURSHOUSE, R. C. and FLEMING, P. J. (2002). Why Use Elitism And Sharing In A Multi-objective Genetic Algorithm? In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 520–527, New York. Morgan Kaufmann Publishers.
- [RASHEED *et al.*, 2002] RASHEED, K., VATTAM, S., and NI, X. (2002). Comparison Of Methods For Using Reduced Models To Speed Up Design Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1180–1187, New York. Morgan Kaufmann Publishers.
- [REIMANN *et al.*, 2002] REIMANN, M., STUMMER, M., and DOERNER, K. (2002). A Savings Based Ant System For The Vehicle Routing Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1317–1326, New York. Morgan Kaufmann Publishers.
- [ROMÃO *et al.*, 2002] ROMÃO, W., FREITAS, A. A., and PACHECO, R. C. S. (2002). A Genetic Algorithm For Discovering Interesting Fuzzy Prediction Rules: Applications To Science And Technology Data. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1188–1195, New York. Morgan Kaufmann Publishers.
- [ROOS *et al.*, 2002] ROOS, R. S., BENNETT, T., HANNON, J., and ZEHNER, E. (2002). A Genetic Algorithm For Improved Shellsort Sequences. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 694, New York. Morgan Kaufmann Publishers.

- [ROSS *et al.*, 2002a] ROSS, B. J., GUALTIERI, A. G., FUETEN, F., and BUDKEWITSCH, P. (2002a). Hyperspectral Image Analysis Using Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1196–1203, New York. Morgan Kaufmann Publishers.
- [ROSS *et al.*, 2002b] ROSS, P., SCHULENBURG, S., MARÍN-BLÁZQUEZ, J., and HART, E. (2002b). Hyper-heuristics: Learning To Combine Simple Heuristics In Bin-packing Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 942–948, New York. Morgan Kaufmann Publishers.
- [ROTHLAUF, 2002] ROTHLAUF, F. (2002). The Influence Of Binary Representations Of Integers On The Performance Of Selectorecombinative Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 695, New York. Morgan Kaufmann Publishers.
- [SASTRY and GOLDBERG, 2002a] SASTRY, K. and GOLDBERG, D. E. (2002a). Genetic Algorithms, Efficiency Enhancement, And Deciding Well With Differing Fitness Bias Values. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 536–543, New York. Morgan Kaufmann Publishers.
- [SASTRY and GOLDBERG, 2002b] SASTRY, K. and GOLDBERG, D. E. (2002b). Genetic Algorithms, Efficiency Enhancement, And Deciding Well With Differing Fitness Variances. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 528–535, New York. Morgan Kaufmann Publishers.
- [SATO, 2002] SATO, Y. (2002). Voice Conversion Using Interactive Evolution Of Prosodic Control. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1204–1211, New York. Morgan Kaufmann Publishers.
- [SCHAFFER *et al.*, 2002] SCHAFFER, J. D., AGNIHOTRI, L., DIMITROVA, N., MCGEE, T., and JEANNIN, S. (2002). Improving Digital Video Commercial Detectors With Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1212–1218, New York. Morgan Kaufmann Publishers.
- [SEKAJ *et al.*, 2002] SEKAJ, I., FOLTIN, M., and GONOS, M. (2002). Genetic Algorithm Based Adaptive Control Of An Electromechanical MIMO System. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 696, New York. Morgan Kaufmann Publishers.
- [SEMENOV, 2002] SEMENOV, M. A. (2002). Convergence Velocity Of Evolutionary Algorithm With Self-adaptation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002:*

Proceedings of the Genetic and Evolutionary Computation Conference, pages 210–213, New York. Morgan Kaufmann Publishers.

- [SEO and MOON, 2002] SEO, D.-I. and MOON, B.-R. (2002). Voronoi Quantized Crossover For Traveling Salesman Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 544–552, New York. Morgan Kaufmann Publishers.
- [SIMÕES and COSTA, 2002a] SIMÕES, A. and COSTA, E. (2002a). Parametric Study To Enhance The Genetic Algorithm’s Performance When Using Transformation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 697, New York. Morgan Kaufmann Publishers.
- [SIMÕES and COSTA, 2002b] SIMÕES, A. and COSTA, E. (2002b). Using GAs To Deal With Dynamic Environments: A Comparative Study Of Several Approaches Based On Promoting Diversity. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 698, New York. Morgan Kaufmann Publishers.
- [SINGH *et al.*, 2002] SINGH, A., GOLDBERG, D. E., and CHEN, Y.-P. (2002). Modified Linkage Learning Genetic Algorithm For Difficult Non-stationary Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 699, New York. Morgan Kaufmann Publishers.
- [SOMEYA and YAMAMURA, 2002] SOMEYA, H. and YAMAMURA, M. (2002). Robust Evolutionary Algorithms With Toroidal Search Space Conversion For Function Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 553–560, New York. Morgan Kaufmann Publishers.
- [SPIROV and KAZANSKY, 2002] SPIROV, A. V. and KAZANSKY, A. B. (2002). Jumping Genes-mutators Can Rise Efficacy Of Evolutionary Search. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 561–568, New York. Morgan Kaufmann Publishers.
- [STANLEY and MIIKKULAINEN, 2002a] STANLEY, K. O. and MIIKKULAINEN, R. (2002a). Continual Coevolution Through Complexification. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 113–120, New York. Morgan Kaufmann Publishers.
- [STANLEY and MIIKKULAINEN, 2002b] STANLEY, K. O. and MIIKKULAINEN, R. (2002b). Efficient Reinforcement Learning Through Evolving Neural Network Topologies. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 569–577, New York. Morgan Kaufmann Publishers.

- [STEPHENS *et al.*, 2002] STEPHENS, C. R., POLI, R., WRIGHT, A. H., and ROWE, J. E. (2002). Exact Results From A Coarse Grained Formulation Of The Dynamics Of Variable-length Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 578–585, New York. Morgan Kaufmann Publishers.
- [STONE and SMITH, 2002] STONE, C. and SMITH, J. (2002). Strategy Parameter Variety In Self-adaptation Of Mutation Rates. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 586–593, New York. Morgan Kaufmann Publishers.
- [STREETER *et al.*, 2002] STREETER, M. J., KEANE, M. A., and KOZA, J. R. (2002). Iterative Refinement Of Computational Circuits Using Genetic Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 877–884, New York. Morgan Kaufmann Publishers.
- [STRINGER and WU, 2002] STRINGER, H. and WU, A. S. (2002). A Simple Method For Detecting Domino Convergence And Identifying Salient Genes Within A Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 594–601, New York. Morgan Kaufmann Publishers.
- [TAKADAMA *et al.*, 2002] TAKADAMA, K., SUEMATSU, Y. L., NAWA, N. E., and SHIMOHARA, K. (2002). Cross-validation In Multiagent-based Simulation: Analyzing Evolutionary Bargaining Agents. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 121–128, New York. Morgan Kaufmann Publishers.
- [TANEV *et al.*, 2002] TANEV, I. T., UOZUMI, T., and MOROTOME, Y. (2002). An Application Service Provider Approach For Hybrid Evolutionary Algorithm-based Real-world Flexible Job Shop Scheduling Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1219–1226, New York. Morgan Kaufmann Publishers.
- [TANGEN, 2002] TANGEN, U. (2002). An Evolvable Micro-controller Or What’s New About Mutations? In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 178–186, New York. Morgan Kaufmann Publishers.
- [TIWARI and ROY, 2002] TIWARI, A. and ROY, R. (2002). Variable Dependence Interaction And Multi-objective Optimisation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 602–609, New York. Morgan Kaufmann Publishers.

- [TSAI *et al.*, 2002] TSAI, H.-K., YANG, J.-M., and KAO, C.-Y. (2002). Applying Genetic Algorithms To Finding The Optimal Gene Order In Displaying The Microarray Data. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 610–617, New York. Morgan Kaufmann Publishers.
- [TULAI and OPPACHER, 2002] TULAI, A. F. and OPPACHER, F. (2002). Combining Competitive And Cooperative Coevolution For Training Cascade Neural Networks. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 618–625, New York. Morgan Kaufmann Publishers.
- [TYNI and YLINEN, 2002] TYNI, T. and YLINEN, J. (2002). Bi-directional Circular Linked Lists In Fitness Caching. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 700, New York. Morgan Kaufmann Publishers.
- [UEDA *et al.*, 2002] UEDA, T., KOGA, N., ONO, I., and OKAMOTO, M. (2002). Application Of Numerical Optimization Technique Based On Real-coded Genetic Algorithm To Inverse Problem In Biochemical Systems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 701, New York. Morgan Kaufmann Publishers.
- [UJJIN and BENTLEY, 2002] UJJIN, S. and BENTLEY, P. J. (2002). Evolving Good Recommendations. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1271, New York. Morgan Kaufmann Publishers.
- [VALLEJO and RAMOS, 2002] VALLEJO, E. E. and RAMOS, F. (2002). Evolving Finite Automata With Two-dimensional Output For DNA Recognition And Visualization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1272, New York. Morgan Kaufmann Publishers.
- [VAN BELLE and ACKLEY, 2002] VAN BELLE, T. and ACKLEY, D. H. (2002). Code Factoring And The Evolution Of Evolvability. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1383–1390, New York. Morgan Kaufmann Publishers.
- [VAN HOYWEGHEN *et al.*, 2002] VAN HOYWEGHEN, C., GOLDBERG, D. E., and NAUDTS, B. (2002). From Twomax To The Ising Model: Easy And Hard Symmetrical Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 626–633, New York. Morgan Kaufmann Publishers.
- [VOGEL *et al.*, 2002] VOGEL, A., FISCHER, M., and TEICH, T. (2002). Real-world Shop Floor Scheduling By Ant Colony Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K.,

- ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1273, New York. Morgan Kaufmann Publishers.
- [VOSS and FENG, 2002] VOSS, M. S. and FENG, X. (2002). A New Methodology For Emergent System Identification Using Particle Swarm Optimization (PSO) And The Group Mehtod Data Handling (GMDH). In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1227–1232, New York. Morgan Kaufmann Publishers.
- [VRAJITORU, 2002] VRAJITORU, D. (2002). Simulating Gender Separation With Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 634–641, New York. Morgan Kaufmann Publishers.
- [WANG *et al.*, 2002] WANG, X., DAVIS, L., and FU, C. (2002). Genetic Algorithms And Fine-grained Topologies For Optimization. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 981–988, New York. Morgan Kaufmann Publishers.
- [WATANABE *et al.*, 2002] WATANABE, S., HIROYASU, T., and MIKI, M. (2002). LCGA: Local Cultivation Genetic Algorithm For Multi-objective Optimization Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 702, New York. Morgan Kaufmann Publishers.
- [WEGENER *et al.*, 2002] WEGENER, J., BUHR, K., and POHLHEIM, H. (2002). Automatic Test Data Generation For Structural Testing Of Embedded Software Systems By Evolutionary Testing. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1233–1240, New York. Morgan Kaufmann Publishers.
- [WITHALL *et al.*, 2002] WITHALL, M. S., HINDE, C. J., and STONE, R. G. (2002). Evolving Readable Perl. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 894, New York. Morgan Kaufmann Publishers.
- [WONG *et al.*, 2002] WONG, M. L., LEE, S. Y., and LEUNG, K. S. (2002). A Hybrid Data Mining Approach To Discover Bayesian Networks Using Evolutionary Programming. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 214–222, New York. Morgan Kaufmann Publishers.
- [WRIGHT *et al.*, 2002] WRIGHT, A. H., ROWE, J. E., POLI, R., and STEPHENS, C. R. (2002). A Fixed Point Analysis Of A Gene Pool GA With Mutation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and

- JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 642–649, New York. Morgan Kaufmann Publishers.
- [WU and GARIBAY, 2002] WU, A. S. and GARIBAY, I. (2002). The Proportional Genetic Algorithm Representation. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 703, New York. Morgan Kaufmann Publishers.
- [WU *et al.*, 2002] WU, L., POTTER, W. D., RASHEED, K., THISTLE, H., GHENT, J., TWARDUS, D., and TESKE, M. (2002). A Comparison Of Genetic Algorithm Methods In Aerial Spray Deposition Management. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1274, New York. Morgan Kaufmann Publishers.
- [YANG, 2002] YANG, S. (2002). Adaptive Non-uniform Crossover Based On Statistics For Genetic Algorithms. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 650–657, New York. Morgan Kaufmann Publishers.
- [YOUNES *et al.*, 2002] YOUNES, A., GHENNIWA, H., and AREIBI, S. (2002). An Adaptive Genetic Algorithm For Multi Objective Flexible Manufacturing Systems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1241–1248, New York. Morgan Kaufmann Publishers.
- [YU and MILLER, 2002] YU, T. and MILLER, J. (2002). Climbing Unimodal Landscapes With Neutrality: A Case Study Of The One-max Problem. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 704, New York. Morgan Kaufmann Publishers.
- [YU *et al.*, 2002] YU, X., FIN, A., FUMMI, F., and RUDNICK, E. M. (2002). Functional Test Generation For Digital Integrated Circuits Using A Genetic Algorithm. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1275, New York. Morgan Kaufmann Publishers.
- [YURKE and SIMMEL, 2002] YURKE, B. and SIMMEL, F. C. (2002). A DNA-based Three-state Device. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 147–152, New York. Morgan Kaufmann Publishers.
- [ZHANG *et al.*, 2002] ZHANG, J., YUAN, X., and BUCKLES, B. P. (2002). A Fast Evolution Strategies Based Approach To Image Registration. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 1249–1256, New York. Morgan Kaufmann Publishers.

- [ZHU and LEUNG, 2002] ZHU, Z.-Y. and LEUNG, K.-S. (2002). An Enhanced Annealing Genetic Algorithm For Multi-objective Optimization Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 658–665, New York. Morgan Kaufmann Publishers.
- [ZITZLER *et al.*, 2002] ZITZLER, E., LAUMANN, M., THIELE, L., FONSECA, C. M., and DA FONSECA, V. G. (2002). Why Quality Assessment Of Multiobjective Optimizers Is Difficult. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, pages 666–674, New York. Morgan Kaufmann Publishers.
- [ZYDALLIS *et al.*, 2002] ZYDALLIS, J. B., SRIVER, T. A., and LAMONT, G. B. (2002). Multiobjective Evolutionary Algorithm Approach For Solving Integer Based Optimization Problems. In LANGDON, W. B., CANTÚ-PAZ, E., MATHIAS, K., ROY, R., DAVIS, D., POLI, R., BALAKRISHNAN, K., HONAVAR, V., RUDOLPH, G., WEGENER, J., BULL, L., POTTER, M. A., SCHULTZ, A. C., MILLER, J. F., BURKE, E., and JONOSKA, N., editors, *GECCO 2002: Proceedings of the Genetic and Evolutionary Computation Conference*, page 1276, New York. Morgan Kaufmann Publishers.