Список литературы

[Al-Kazemi and Mohan, 2000] Al-Kazemi, B. and Mohan, C. K. (2000). "Solving Problems with Overlapping Building Blocks". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 384, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Arita et al., 2000] Arita, M.; andMasami Hagiya, A. N.; Komiya, K.; Gouzu, H.; and Sakamoto, K. (2000). "Improving Sequence Design for DNA Computing". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 875–882, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Baghadadchi, 2000] Baghadadchi, J. (2000). "A Classifier Based Learning Model for Intelligent Agents". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 870, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Baglioni et al., 2000] Baglioni, S.; Sorbello, D.; da Costa Pereira, C.; and Tettamanzi, A. G. B. (2000). "Evolutionary Multiperiod Asset Allocation". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 597–604, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bagnall, 2000] Bagnall, A. J. (2000). "A Multi-Adaptive Agent Model of Generator Bidding in the UK Market in Electricity". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 605–612, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Barone and While, 2000] Barone, L. and While, L. (2000). "Adaptive Learning for Poker". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 566–573, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Barry, 2000] Barry, A. (2000). "Specifying Action Persistence within XCS". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 50–57, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Baydar and Saitou, 2000] Baydar, C. M. and Saitou, K. (2000). "A Genetic Programming Framework for Error Recovery in Robotic Assembly Systems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 756, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Benson et al., 2000] Benson, K.; Booth, D.; Cubillo, J.; and Reeves, C. (2000). "Automatic Detection of Ships in Spaceborne SAR Imagery". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 767, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bentley, 2000] Bentley, P. J. (2000). ""Evolutionary, my dear Watson"Investigating Committee-based Evolution of Fuzzy Rules for the Detection of Suspicious Insurance Claims". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 702–709, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Berlanga et al., 2000] Berlanga, A.; Isasi, P.; Sanchis, A.; and Molina, J. M. (2000). "Uniform Coevolution for Solving the density classification problem in Cellular Automata". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 383, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bersini, 2000] Bersini, H. (2000). "Chemical Crossover". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 825–832, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bhattacharyya and Troutt, 2000] Bhattacharyya, S. and Troutt, M. D. (2000). "Crossover in Probability Spaces". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 120–127, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Boden et al., 2000] Boden, M.; Jacobsson, H.; and Ziemke, T. (2000). "Evolving context-free language predictors". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1033–1040, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bonachea et al., 2000] Bonachea, D.; Ingerman, E.; Levy, J.; and McPeak, S. (2000). "An Improved Adaptive Multi-Start Approach to Finding Near-Optimal Solutions to the Euclidean TSP". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 143–150, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Bot, 2000] Bot, M. C. (2000). "Improving Induction of Linear Classification Trees with Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 403–410, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Brizuela and Sannomiya, 2000] Brizuela, C. A. and Sannomiya, N. (2000). "A Selection Scheme in Genetic Algorithms for a Complex Scheduling Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 1021, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Butz et al., 2000a] Butz, M. V.; Goldberg, D. E.; and Stolzmann, W. (2000a). "Introducing a genetic generalization pressure to the Anticipatory Classifier System - Part 1: Theoretical approach". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 34–41, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Butz et al., 2000b] Butz, M. V.; Goldberg, D. E.; and Stolzmann, W. (2000b). "Introducing a genetic generalization pressure to the Anticipatory Classifier System - Part 2: Performance Analysis". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 42–49, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Cantu-Paz, 2000] Cantu-Paz, E. (2000). "Selection Intensity in Genetic Algorithms with Generation Gaps". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 911–918, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Cantu-Paz and Kamath, 2000] Cantu-Paz, E. and Kamath, C. (2000). "Using Evolutionary Algorithms to Induce Oblique Decision Trees". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1053–1060, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Carse and Oreland, 2000] Carse, B. and Oreland, J. (2000). "A Note on Learning and Evolution in Neural Networks". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 66–73, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Carvalho and Freitas, 2000] Carvalho, D. R. and Freitas, A. A. (2000). "A hybrid decision tree/genetic algorithm for coping with the problem of small disjuncts in data mining". In Whitley, D.; Goldberg,

D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1061–1068, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Chaudhri et al., 2000] Chaudhri, O. A.; Daida, J. M.; Khoo, J. C.; Richardson, W. S.; Harrison, R. B.; and Sloat, W. J. (2000). "Characterizing a Tunably Difficult Problem in Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 395–402, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Cheng et al., 2000] Cheng, R.; Gen, M.; and Oren, S. S. (2000). "An Adaptive Hyperplane Approach for Multiple Objective Optimization Problems with Complex Constraints". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 299–306, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Chiu et al., 2000] Chiu, P.; Girgensohn, A.; Polak, W.; Rieffel, E.; Wilcox, L.; and Bennett III, F. H. (2000). "A Genetic Segmentation Algorithm for Image Data Streams and Video". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 666–673, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Christou and Zakarian, 2000] Christou, I. T. and Zakarian, A. (2000). "Domain Knowledge and Representation in Genetic Algorithms for Real World Scheduling Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 690–696, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Cicirello and Smith, 2000] Cicirello, V. A. and Smith, S. F. (2000). "Modeling GA Performance for Control Parameter Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 235–242, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Collins et al., 2000] Collins, D. J.; Agah, A.; Wu, A. S.; and Schultz, A. C. (2000). "The Effects of Team Size on the Evolution of Distributed Micro Air Vehicles". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 949–956, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Costa et al., 2000] Costa, L. A.; Oliveira, P.; Figueiredo, I. N.; Roseiro, L. F.; and Leal, R. P. (2000). "Structural Optimization of Laminated Plates with Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 621–627, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Craenen et al., 2000] Craenen, B. G. W.; Eiben, A. E.; Marchiori, E.; and Steenbeek, A. G. (2000). "Combining Local Search and Fitness Function Adaptation in a GA for Solving Binary Constraint Satisfaction Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 381, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Cuesta et al., 2000] Cuesta, P. D.; Abderraman, J. C.; Jimenez, J. A.; and Winter, G. (2000). "Practical Modeling of Simple Genetic Algorithm via deterministic paths by Absorbing Markov Chains". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 371, Las Vegas, Nevada, USA. Morgan Kaufmann.

[da Silva, 2000] da Silva, A. R. F. (2000). "Genetic Algorithms for Component Analysis". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 243–250, Las Vegas, Nevada, USA. Morgan Kaufmann.

[De Falco et al., 2000] De Falco, I.; Iazzetta, A.; Tarantino, E.; Cioppa, A. D.; and Trautteur, G. (2000). "A Kolmogorov Complexity-based Genetic Programming tool for string compression". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 427–434, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Devogelaere et al., 2000] Devogelaere, D.; Van Bael, P.; and Rijckaert, M. (2000). "Genetic Algorithm driven Clustering for Toxicity prediction". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 759, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Dozier, 2000] Dozier, G. (2000). "Distributed Steady-State Neuro-Evolutionary Path Planning in Non-Stationary Environments". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 58–65, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Drechsler and Gunther, 2000] Drechsler, R. and Gunther, W. (2000). "Evolutionary Synthesis of Multiplexor Circuits under Hardware Constraints". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 513–518, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Edelson and Gargano, 2000] Edelson, W. and Gargano, M. L. (2000). "Feasible Encodings For GA Solutions of Constrained Minimal Spanning Tree Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 754, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Eiben et al., 2000] Eiben, A. E.; Jansen, B.; Michalewicz, Z.; and Paechter, B. (2000). "Solving CSPs with using self-adaptive constraint weights: how to prevent EAs from cheating". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 128–134, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Fabrega and Guiu, 2000] Fabrega, X. L. i. and Guiu, J. M. G. i. (2000). "Evolving Agent Aggregates using Cellular Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 868, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Fernandez et al., 2000] Fernandez, F.; Tomassini, M.; Punch, W.; and Sanchez, J. M. (2000). "Experimental Study of Isolated Multipopulation Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 536, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ficici and Pollack, 2000] Ficici, S. G. and Pollack, J. B. (2000). "Effects of Finite Populations on Evolutionary Stable Strategies". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 927–934, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Furutani, 2000] Furutani, H. (2000). "Study of Evolution in Genetic Algorithms by Eigen's Theory Including Crossover Operator". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 389, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Gan and Warwick, 2000] Gan, J. and Warwick, K. (2000). "A Variable Radius Niching Technique for Speciation in Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 96–103, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Gen and Zhou, 2000] Gen, M. and Zhou, G. (2000). "A Genetic Algorithm for the Mini-Max Spanning Forest Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 387, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Gilbert et al., 2000] Gilbert, R. J.; Rowland, J. J.; and Kell, D. B. (2000). "Genomic computing: explanatory modelling for functional genomics". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 551–557, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Goh and Foster, 2000] Goh, G. K.-M. and Foster, J. A. (2000). "Evolving Molecules for Drug Design Using Genetic Algorithms via Molecular Trees". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 27–33, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Gottlieb and Raidl, 2000] Gottlieb, J. and Raidl, G. R. (2000). "The Effects of Locality on the Dynamics of Decoder-Based Evolutionary Search". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 283–290, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Greene, 2000] Greene, W. A. (2000). "A Non-Linear Schema Theorem for Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 189–194, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Grundler and Rolich, 2000] Grundler, D. and Rolich, T. (2000). "Qualitative visual presentation of evolution algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 805, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Gunther and Drechsler, 2000] Gunther, W. and Drechsler, R. (2000). "Improving EAs for Sequencing Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 175–180, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hart and Ross, 2000] Hart, E. and Ross, P. (2000). "Enhancing the Performance of a GA through Visualisation". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 347–354, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hasse and Pozo, 2000] Hasse, M. and Pozo, A. R. (2000). "Using phenotypic sharing in a Classifier Tool". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 392, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Heckendorn, 2000] Heckendorn, R. B. (2000). "Polynomial Time Summary Statistics for Two General Classes of Functions". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 919–926, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ho and Huang, 2000] Ho, S.-Y. and Huang, M.-H. (2000). "An Efficient Quadratic Curve Approximation Using an Intelligent Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 766, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ho and Lee, 2000] Ho, S.-Y. and Lee, K.-Z. (2000). "A Simple and Fast GA-SA Hybrid Image Segmentation Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 718–725, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Horng et al., 2000a] Horng, J.-T.; Chang, Y.-J.; Liu, B.-J.; and Kao, C.-Y. (2000a). "Materialized View Selection in a Data Warehouse Using Evolutionary Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 385, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Horng et al., 2000b] Horng, J.-T.; Lin, C.-M.; Liu, B.-J.; and Kao, C.-Y. (2000b). "Using Genetic Algorithms to Solve Multiple Sequence Alignments". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 883–890, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hounsell and Arslan, 2000] Hounsell, B. and Arslan, T. (2000). "A Novel Evolvable Hardware Framework for the Evolution of High Performance Digital Circuits". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 525–532, Las Vegas, Nevada, USA. Morgan Kaufmann.

[House et al., 2000] House, J. L.; Kain, A.; and Hines, J. (2000). "ESP - Metaphor for learning: an evolutionary algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 734–741, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hsu et al., 2000a] Hsu, W. H.; Cheng, Y.; Guo, H.; and Gustafson, S. M. (2000a). "Genetic Algorithms for Reformulation of Large-Scaled KDD Problems with Many Irrelevant Attributes". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 1081, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hsu et al., 2000b] Hsu, W. H.; Welge, M.; Redman, T.; and Clutter, D. (2000b). "Genetic Wrappers for Constructive Induction in High-Performance Data Mining". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 765, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hu, 2000] Hu, Y.-J. (2000). "Global Gene Expression Analysis with Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 753, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Huang, 2000] Huang, C.-F. (2000). "Independent Sampling Genetic Algorithms and the Applications". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 372, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Hussain and Malliaris, 2000] Hussain, D. and Malliaris, S. (2000). "Evolutionary Techniques Applied to Hashing: An efficient data retrieval method". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 760, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Iba and Terao, 2000] Iba, H. and Terao, M. (2000). "Controlling Effective Introns for Multi-Agent Learning by Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 419–426, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ishibuchi et al., 2000] Ishibuchi, H.; Nakari, T.; and Nakashima, T. (2000). "Evolution of Strategies in Spatial IPD Games with Structure Demes". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 817–824, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ishibuchi and Nakashima, 2000a] Ishibuchi, H. and Nakashima, T. (2000a). "Linguistic Rule Extraction by Genetics-Based Machine Learning". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 195–202, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ishibuchi and Nakashima, 2000b] Ishibuchi, H. and Nakashima, T. (2000b). "Multi-objective pattern and feature selection by genetic algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1069–1076, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Jin et al., 2000a] Jin, H.-D.; Leung, K.-S.; and Wong, M.-L. (2000a). "Designing an Expanded SOM for the Traveling Salesman Problem by Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 1079, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Jin et al., 2000b] Jin, Y.; Olhofer, M.; and Sendhoff, B. (2000b). "On Evolutionary Optimization with Approximate Fitness Functions". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 786–793, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Jung and Moon, 2000] Jung, S. and Moon, B.-R. (2000). "The Natural Crossover for the 2D Euclidean TSP". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1003–1010, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kaeschel et al., 2000] Kaeschel, J.; Meier, B.; Fischer, M.; and Teich, T. (2000). "Evolutionary Real-World Shop Floor Scheduling using Parallelization and Parameter Coevolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 697–701, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kang and Moon, 2000] Kang, S.-J. and Moon, B.-R. (2000). "A Hybrid Genetic Algorithm for Multiway Graph Partitioning". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 159–166, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kargupta, 2000] Kargupta, H. (2000). "Computation in Genetic Code-Like Transformations". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 937, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Katayama et al., 2000] Katayama, K.; Tani, M.; and Narihisa, H. (2000). "Solving Large Binary Quadratic Programming Problems by Effective Genetic Local Search Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 643–650, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kazadi et al., 2000] Kazadi, S.; Lee, D.; Modi, R.; Sy, J.; and Lue, W. (2000). "Levels of Compartmentalization in Artificial Evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 841–848, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Keane et al., 2000] Keane, M. A.; Yu, J.; and Koza, J. R. (2000). "Automatic Synthesis of Both Topology and Tuning of a Common Parameterized Controller for Two Families of Plants using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 496–504, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Keijzer and Babovic, 2000] Keijzer, M. and Babovic, V. (2000). "Genetic Programming within a Framework of Computer-Aided Discovery of Scientific Knowledge". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 543–550, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Keymeulen et al., 2000] Keymeulen, D.; Klimeck, G.; Zebulum, R.; Stoica, A.; and Salazar-Lazaro, C. (2000). "EHWPack: a Parallel Software/Hardware Environment for Evolvable Hardware". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 538, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kim and Cho, 2000] Kim, H.-S. and Cho, S.-B. (2000). "Knowledge-based Encoding in Interactive Genetic Algorithm for a Fashion Design Aid System". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 757, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kim and Moon, 2000a] Kim, J.-H. and Moon, B.-R. (2000a). "Genetic Elevator Group Control". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 762, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kim and Moon, 2000b] Kim, Y.-H. and Moon, B.-R. (2000b). "A Hybrid Genetic Search for Graph Partitioning Based on Lock Gain". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 167–174, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kirley and Green, 2000] Kirley, M. and Green, D. G. (2000). "An Empirical Investigation of Optimisation in Dynamic Environments Using the Cellular Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 11–18, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kirshenbaum, 2000] Kirshenbaum, E. (2000). "Genetic Programming with Statically Scoped Local Variables". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 459–468, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kivijarvi et al., 2000] Kivijarvi, J.; Franti, P.; and Nevalainen, O. (2000). "Efficient Clustering with a Self-Adaptive Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 377, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Knjazew and Golberg, 2000] Knjazew, D. and Golberg, D. E. (2000). "OMEGA - Ordering Messy GA: Solving Permutation Problems with the Fast Messy Genetic Algorithm and Random Keys". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 181–188, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Knowles and Corne, 2000] Knowles, J. and Corne, D. (2000). "Heuristics for evolutionary off-line routing in telecommunications networks". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 574–581, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Koza et al., 2000] Koza, J. R.; Keane, M. A.; Yu, J.; and Mydlowec, W. (2000). "Automatic Synthesis of Electrical Circuits Containing a Free Variable using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 477–484, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Krasnogor and Smith, 2000] Krasnogor, N. and Smith, J. (2000). "A Memetic Algorithm With Self-Adaptive Local Search: TSP as a case study". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 987–994, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kurahashi and Terano, 2000] Kurahashi, S. and Terano, T. (2000). "A Genetic Algorithm with Tabu Search for Multimodal and Multiobjective Function Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 291–298, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Kwong and Chan, 2000] Kwong, S. and Chan, S. S. (2000). "A Fault-tolerant Multicast Routing Algorithm in ATM Networks". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 582–589, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Langdon, 2000] Langdon, W. B. (2000). "Quadratic Bloat in Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 451–458, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Lee and Antonsson, 2000] Lee, C.-Y. and Antonsson, E. K. (2000). "Variable Length Genomes for Evolutionary Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 806, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Liese et al., 2000] Liese, A.; Polani, D.; and Uthmann, T. (2000). "On the development of spectral properties of visual agent receptors through evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 857–864, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Lobo et al., 2000] Lobo, F. G.; Goldberg, D. E.; and Pelikan, M. (2000). "Time complexity of genetic algorithms on exponentially scaled problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 151–158, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Maeda and Kawaguchi, 2000] Maeda, Y. and Kawaguchi, S. (2000). "Redundant Node Pruning and Adaptive Search Method for Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 535, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Mansilla and Guiu, 2000] Mansilla, E. B. i. and Guiu, J. M. G. i. (2000). "MOLeCS: A MultiObjective Learning Classifier System". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 390, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Margetts and Jones, 2000] Margetts, S. and Jones, A. J. (2000). "Phlegmatic Mappings for Function Optimisation with Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 82–89, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Mathias et al., 2000] Mathias, K. E.; Eshelman, L. J.; Schaffer, J. D.; Augusteijn, L.; Hoogendijk, P.; and van de Wiel, R. (2000). "Code Compaction Using Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 710–717, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Matsui and ichi Tokoro, 2000] Matsui, S. and ichi Tokoro, K. (2000). "A New Genetic Algorithm for Minimum Span Frequency Assignment using Permutation and Clique". In Whitley, D.; Goldberg, D.;

Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 682–689, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Matthews et al., 2000] Matthews, K. B.; Craw, S.; Elder, S.; Sibbald, A. R.; and MacKenzie, I. (2000). "Applying Genetic Algorithms to Multi-Objective Land Use Planning". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 613–620, Las Vegas, Nevada, USA. Morgan Kaufmann.

[McKay, 2000] McKay, R. I. B. (2000). "Fitness Sharing in Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 435–442, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Mehrotra et al., 2000] Mehrotra, R.; Karr, C. L.; and Bowersox, R. (2000). "Airfoil Optimization Using Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 764, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Merkle et al., 2000] Merkle, D.; Middendorf, M.; and Schmeck, H. (2000). "Ant Colony Optimization for Resource-Constrained Project Scheduling". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 893–900, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Miki et al., 2000] Miki, M.; Hiroyasu, T.; and Kaneko, M. (2000). "A Parallel Genetic Algorithm with Distributed Environment Scheme". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 376, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Miyashita, 2000] Miyashita, K. (2000). "Job-Shop Scheduling with Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 505–512, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Moustafa et al., 2000] Moustafa, R. E.; De Jong, K. A.; and Wegman, E. J. (2000). "A GA-Based Method For Function Approximation Using Adaptive Interpolation". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 378, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Mundhe and Sen, 2000] Mundhe, M. and Sen, S. (2000). "Evolving agent societies that avoid social dilemmas". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 809–816, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Munteanu and Rosa, 2000] Munteanu, C. and Rosa, A. (2000). "Symmetrical Building Blocks and the Simple Inversion Operator". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 365, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Murakawa et al., 2000] Murakawa, M.; Itatani, T.; Kasai, Y.; Kikkawa, H.; and Higuchi, T. (2000). "An Evolvable Laser System for Femtosecond Pulse Generation". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 636–642, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Murata et al., 2000] Murata, T.; Ishibuchi, H.; and Gen, M. (2000). "Cellular Genetic Local Search for Multi-Objective Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 307–314, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Neri, 2000] Neri, F. (2000). "Modeling TCP/IP network traffic for intrusion detection by genetic evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 755, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Nicholson, 2000] Nicholson, A. (2000). "Evolution and Learning for Digital Circuit Design". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 519–524, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Noda et al., 2000] Noda, E.; Freitas, A. A.; and Lopes, H. S. (2000). "Comparing a Genetic Algorithm with a Rule Induction Algorithm in the Data Mining Task of Dependence Modeling". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 1080, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Oates et al., 2000] Oates, M. J.; Corne, D.; and Loader, R. (2000). "A Tri-Phase Multimodal Evolutionary Search Performance Profile on the 'Hierarchical If and Only If' Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 339–346, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ochoa et al., 2000] Ochoa, G.; Harey, I.; and Buxton, H. (2000). "Optimal Mutation Rates and Selection Pressure in Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 315–322, Las Vegas, Nevada, USA. Morgan Kaufmann.

[O'Neill and Ryan, 2000] O'Neill, M. and Ryan, C. (2000). "Grammar based function definition in Grammatical Evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 485–490, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ono et al., 2000] Ono, I.; Nijo, T.; and Ono, N. (2000). "A Genetic Algorithm for Automatically Designing Modular Reinforcement Learning Agents". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 203–210, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ottner, 2000] Ottner, S. C. (2000). "Optimising Television Commercial Air-time by means of a Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 761, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pelikan and Goldberg, 2000] Pelikan, M. and Goldberg, D. E. (2000). "Hierarchical Problem Solving by the Bayesian Optimization Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 267–274, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pelikan et al., 2000] Pelikan, M.; Goldberg, D. E.; and Cantu-Paz, E. (2000). "Bayesian Optimization Algorithm, Population Sizing, and Time to Convergence". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 275–282, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pelikan and Lobo, 2000] Pelikan, M. and Lobo, F. G. (2000). "Parameter-less Genetic Algorithm: A Worst-case Time and Space Complexity Analysis". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 370, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Peysakhov et al., 2000] Peysakhov, M.; Galinskaya, V.; and Regli, W. C. (2000). "Genetic Algorithms for Optimization of Lego Assemblies". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 968, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pipe and Carse, 2000] Pipe, A. G. and Carse, B. (2000). "Autonomous Acquisition of Fuzzy Rules for mobile Robot Control: First Results from two Evolutionary Computation Approaches". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 849–856, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pires and Machado, 2000] Pires, E. J. S. and Machado, J. A. T. (2000). "Trajectory Optimization for Redundant Robots Using Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 967, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Polani and Miikkulainen, 2000] Polani, D. and Miikkulainen, R. (2000). "Eugenic Neuro-Evolution for Reinforcement Learning". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1041–1046, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Poli, 2000] Poli, R. (2000). "Exact Schema Theorem and Effective Fitness for GP with One-Point Crossover". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 469–476, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Poon, 2000] Poon, J. (2000). "Initial Results with Coevolving Dominance Mapping". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 368, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Portmann and Vignier, 2000] Portmann, M.-C. and Vignier, A. (2000). "Performances' study on crossover operators keeping good schemata for scheduling problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 331–338, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Pozzi and Segovia, 2000] Pozzi, S. and Segovia, J. (2000). "Evaluations of Genetic Programming and Neural Networks Techniques for Nuclear Material Identification". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 590–596, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Punch and Rand, 2000] Punch, W. F. and Rand, W. M. (2000). "GP+Echo+Subsumption = Improved Problem Solving". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 411–418, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rasheed and Hirsh, 2000] Rasheed, K. and Hirsh, H. (2000). "Informed operators: Speeding up genetic-algorithm-based design optimization using reduced models". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 628–635, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rauss et al., 2000] Rauss, P. J.; Daida, J. M.; and Chaudhary, S. (2000). "Classification of Spectral Imagery Using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 726–733, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ray et al., 2000] Ray, T.; Kang, T.; and Chye, S. K. (2000). "An Evolutionary Algorithm for Constrained Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 771–777, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Riopka and Bock, 2000] Riopka, T. P. and Bock, P. (2000). "Intelligent Recombination Using Individual Learning in a Collective Learning Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 104–111, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Roberts and Howard, 2000] Roberts, S. C. and Howard, D. (2000). "Genetic Programming for Image Analysis: Orientation Detection". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 651–657, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ross, 2000] Ross, B. J. (2000). "The Effects of Randomly Sampled Training Data on Program Evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 443–450, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ross et al., 2000] Ross, B. J.; Fueten, F.; and Yashkir, D. Y. (2000). "Edge Detection of Petrographic Images Using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 658–665, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rothlauf et al., 2000] Rothlauf, F.; Goldberg, D.; and Heinzl, A. (2000). "Bad Codings and the Utility of Well-Designed Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 355–362, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rudolph, 2000] Rudolph, G. (2000). "Takeover Times and Probabilities of Non-Generational Selection Rules". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 903–910, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rylander and Foster, 2000] Rylander, B. and Foster, J. (2000). "GA-Hard Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 367, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Rylander et al., 2000] Rylander, B.; Soule, T.; Foster, J.; and Alves-Foss, J. (2000). "Quantum Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 373, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Sakamoto and Kobayashi, 2000] Sakamoto, Y. and Kobayashi, M. (2000). "Evaluation of the effects of noises by experiments using a mobile robot". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 386, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Sakuma and Kobayashi, 2000] Sakuma, J. and Kobayashi, S. (2000). "Extrapolation-Directed Crossover for Job-shop Scheduling Problems: Complementary Combination with JOX". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 973–980, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Sammartino et al., 2000] Sammartino, L.; Simonov, M.; Soroldoni, M.; and Tettamanzi, A. G. B. (2000). "GAMUT: A system for customer modeling based on evolutionary algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 758, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Santana et al., 2000] Santana, R.; Ochoa-Rodriguez, A.; Soto, M.; Pereira, F. B.; Machado, P.; Costa, E.; and Cardoso, A. (2000). "Probabilistic Evolution and the Busy Beaver Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 380, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Sato, 2000] Sato, Y. (2000). "Interactive Evolution of Adaptive Parameter for Speaker Verification Systems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 742–749, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Satoh et al., 2000] Satoh, H.; Uno, K.; Kubo, M.; and Namatame, A. (2000). "The Role of Mimicry in Social Evolution". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 871, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Sawai and Adachi, 2000] Sawai, H. and Adachi, S. (2000). "A Comparative Study of Gene-Duplicated GAs Based on PfGA and SSGA". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 74–81, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Schubert et al., 2000] Schubert, T.; Mackensen, E.; Drechsler, N.; Drechsler, R.; and Becker, B. (2000). "Specialized Hardware for Implementation of Evolutionary Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 369, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Seffens and Digby, 2000] Seffens, W. and Digby, D. (2000). "Fitness Function Analysis of Biological Genetic Codes using an Evolutionary Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 867, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Seront and Bersini, 2000] Seront, G. and Bersini, H. (2000). "A New GA-Local Search Hybrid for Optimization Based on Multi Level Single Linkage Clustering". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 90–95, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Shimodaira, 2000] Shimodaira, H. (2000). "A Diversity Control Oriented Genetic Algorithm (DCGA): Performance in Function Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 366, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Shimooka and Fujimoto, 2000] Shimooka, H. and Fujimoto, Y. (2000). "Generating Robust Control Equations with Genetic Programming for Control of a Rolling Inverted Pendulum". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 491–495, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Simoes and Costa, 2000] Simoes, A. and Costa, E. (2000). "Using Genetic Algorithms with Asexual Transposition". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 323–330, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Someya and Yamamura, 2000] Someya, H. and Yamamura, M. (2000). "Where should Children be Generated by Crossover Operator on Function Optimization?". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 382, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Soper et al., 2000] Soper, A. J.; Walshaw, C.; and Cross, M. (2000). "A Combined Evolutionary Search and Multilevel Approach to Graph Partitioning". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 674–681, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Soule, 2000] Soule, T. (2000). "Heterogeneity and Specialization in Evolving Teams". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 778–785, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Suzuki and Tanaka, 2000] Suzuki, Y. and Tanaka, H. (2000). "A New Molecular Computing Model, Artificial Cell Systems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 833–840, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Szmit and Barak, 2000] Szmit, R. and Barak, A. (2000). "Evolution Strategies for a Parallel Multi-Objective Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 227–234, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Takahashi et al., 2000] Takahashi, O.; Kita, H.; and Kobayashi, S. (2000). "A Real-Coded Genetic Algorithm using Distance Dependent Alternation Model for Complex Function Optimization". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 219–226, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Takehisa et al., 2000] Takehisa, Y.; Sakanashi, H.; and Higuchi, T. (2000). "Adaptive Wavelet Transform for Lossless Image Compression using Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 259–266, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Tanigawa and Zhao, 2000] Tanigawa, T. and Zhao, Q. (2000). "A Study on Efficient Generation of Decision Trees Using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1047–1052, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Testa et al., 2000] Testa, L. J.; Esterline, A. C.; Dozier, G. V.; and Homaifar, A. (2000). "A Comparison of Operators for Solving Time Dependent Traveling Salesman Problems Using GAs". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 995–1002, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Tominaga et al., 2000] Tominaga, D.; Koga, N.; and Okamoto, M. (2000). "Efficient Numerical Optimization Algorithm Based on Genetic Algorithm for Inverse Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 251–258, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Torres-Jimenez et al., 2000] Torres-Jimenez, J.; Rodriguez-Tello, E.; and Ruiz-Suarez, J. C. (2000). "A Genetic Algorithm for Matrix Bandwith Reduction". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 388, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Trenaman, 2000] Trenaman, A. (2000). "Choosing the Right Number of Trials for a Minimal Simulation". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 969, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Tsai et al., 2000] Tsai, H.-K.; Kao, C.-Y.; and Yang, J.-M. (2000). "A Genetic Algorithm for Physical Mapping Problems". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 375, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Tsutsui, 2000] Tsutsui, S. (2000). "Sampling Bias and Search Space Boundary Extension in Real Coded Genetic Algorithms". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 211–218, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Ursem, 2000] Ursem, R. K. (2000). "Multinational GAs: Multimodal Optimization Techniques in Dynamic Environments". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 19–26, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Urzelai and Floreano, 2000] Urzelai, J. and Floreano, D. (2000). "Evolutionary Robotics: Coping with Environmental Change". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 941–948, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Vallejo and Ramos, 2000] Vallejo, E. E. and Ramos, F. (2000). "Evolving Insect Locomotion using Non-uniform Cellular Automata". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 869, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Van Bael et al., 2000] Van Bael, P.; Devogelaere, D.; and Rijckaert, M. (2000). "A steady-state evolutionary algorithm for the job shop problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 981–986, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Vassilev and Miller, 2000] Vassilev, V. K. and Miller, J. F. (2000). "Embedding Landscape Neutrality to Build a Bridge from the Conventional to a More Efficient Three-bit Multiplier Circuit". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 539, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Vazquez and Whitley, 2000a] Vazquez, M. and Whitley, D. (2000a). "A Hybrid Genetic Algorithm for the Quadratic Assignment Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 135–142, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Vazquez and Whitley, 2000b] Vazquez, M. and Whitley, L. D. (2000b). "A Comparison of Genetic Algorithms for the Dymanic Job Shop Scheduling Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1011–1018, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Wakunda and Zell, 2000] Wakunda, J. and Zell, A. (2000). "A new Selection Scheme for Steady-State Evolution Strategies". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 794–801, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Wang, 2000] Wang, F.-S. (2000). "Hybrid Differential Evolution for Dynamic Optimization of A Fedbatch Bioreactor Process". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 558–565, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Watson and Pollack, 2000] Watson, R. A. and Pollack, J. B. (2000). "Recombination Without Respect: Schema Combination and Disruption in Genetic Algorithm Crossover". In Whitley, D.;

Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 112–119, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Whitley et al., 2000] Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors (2000). *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Wilson et al., 2000] Wilson, E.; Karr, C.; and Messimer, S. (2000). "Genetic Algorithm Optimization of a Filament Winding Process Modeled in WITNESS". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 763, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Wineberg and Oppacher, 2000] Wineberg, M. and Oppacher, F. (2000). "Enhancing the GA's Ability to Cope with Dynamic Environments". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 3–10, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yamada, 2000] Yamada, S. (2000). "Evolutionary Design of Behaviors for Action-Based Environment Modeling by a Mobile Robot". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 957–964, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yang and Kao, 2000] Yang, J.-M. and Kao, C.-Y. (2000). "An Evolutionary Algorithm to Training Neural Networks for a Two-Spiral Problem". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, pages 1025–1032, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yang and Yen, 2000] Yang, L. and Yen, J. (2000). "An Adaptive Simplex Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 379, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yasunaga et al., 2000] Yasunaga, M.; Nakamura, T.; Yoshihara, I.; and Kim, J. H. (2000). "Kernel Optimization in Pattern Recognition Using a Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 391, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yoon and Moon, 2000] Yoon, H.-S. and Moon, B.-R. (2000). "Synergy of Multiple Crossover Operators in a Genetic Algorithm". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 374, Las Vegas, Nevada, USA. Morgan Kaufmann.

[Yoshihara et al., 2000] Yoshihara, I.; Aoyama, T.; and Yasunaga, M. (2000). "A Fast Model-Building Method for Time Series Using Genetic Programming". In Whitley, D.; Goldberg, D.; Cantu-Paz, E.; Spector, L.; Parmee, I.; and Beyer, H.-G., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, page 537, Las Vegas, Nevada, USA. Morgan Kaufmann.