Список литературы

- [1] F. Abbattista, V. Carofiglio, and M. Koppen, "Scout Algorithms and Genetic Algorithms: A Comparative Study," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 769. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-803.pdf.
- [2] A. V. Adamopoulos, E. F. Georgopoulos, S. D. Likothanassis, and P. A. Anninos, "Forecasting the MagnetoEncephaloGram (MEG) of Epileptic Patients Using Genetically Optimized Neural Networks," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1457–1462. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-767.pdf.
- [3] A. Agapie, "Random Systems with Complete Connections," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 770. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-862.ps.
- [4] J. Aguilar and P. Miranda, "Approaches Based on Genetic Algorithms for Multiobjective Optimization Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 3–10. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-873.pdf.
- [5] J. Aguilar, J. Riquelme, and M. Toro, "Three Geometric Approaches for representing Decision Rules in a Supervised Learning System," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 771. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-391.pdf.
- [6] H. E. Aguirre, K. Tanaka, and T. Sugimura, "Cooperative Crossover and Mutation Operators in Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 772. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [7] M. Ahluwalia and L. Bull, "A Genetic Programming-based Classifier System," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 11–18. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [8] M. Ahluwalia and L. Bull, "Coevolving Functions in Genetic Programming: Classification using K-nearest-neighbour," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 947–952. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-413.ps.
- [9] E. Alba, C. Cotta, and J. M. Troya, "Entropic and Real-Time Analysis of the Search with Panmictic, Structured, and Parallel Distributed Genetic Algorithms," in *Proceedings of the* Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 773. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-808.pdf.
- [10] J. N. Aparicio, L. Correia, and F. Moura-Pires, "Populations are Multisets-PLATO," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1845–1850. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/MP-603.ps.

- [11] P. V. Bael, D. Devogelaere, and M. Rijckaert, "The Job Shop Problem Solved with Simple, Basic Evolutionary Search Elements," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 665–669. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [12] A. J. Bagnall and G. D. Smith, "Using an Adaptive Agent to Bid in a Simplified Model of the UK Market in Electricity," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 774. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Bagnall1999b.ps.gz.
- [13] A. Barry, "Aliasing in XCS and the Consecutive State Problem: 1 Effects," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 19–26. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-317.pdf.
- [14] A. Barry, "Aliasing in XCS and the Consecutive State Problem: 2 Solutions," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 27–34. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-336.pdf.
- [15] D. Battle, A. Homaifar, E. Tunstel, and G. Dozier, "Genetic Programming of Full Knowledge Bases for Fuzzy Logic Controllers," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1463-1468. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-730.pdf.
- [16] M. A. Beck and I. C. Parmee, "Extending the bounds of the search space: A Multi-Population approach," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1469–1476. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-762.pdf.
- [17] G. N. Beligiannis, E. N. Demiris, and S. D. Likothanassis, "Evolutionary Multimodel Partitioning Filters for Nonlinear Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1227. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-452.ps.
- [18] F. H. B. III, J. R. Koza, J. Shipman, and O. Stiffelman, "Building a Parallel Computer System for \$18,000 that Performs a Half Peta-Flop per Day," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1484–1490. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-788.pdf.
- [19] F. H. B. III, J. R. Koza, M. A. Keane, J. Yu, W. Mydlowec, and O. Stiffelman, "Evolution by Means of Genetic Programming of Analog Circuits that Perform Digital Functions," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1477–1483. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-787.pdf.
- [20] P. Bentley and S. Kumar, "Three Ways to Grow Designs: A Comparison of Embryogenies for an Evolutionary Design Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 35–43. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-329.ps.

- [21] J. Berger, M. Sassi, and M. Salois, "A Hybrid Genetic Algorithm for the Vehicle Routing Problem with Time Windows and Itinerary Constraints," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 44–51. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [22] M. L. Best, "Coevolving Mutualists Guide Simulated Evolution," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 941. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [23] H.-G. Beyer and D. V. Arnold, "Fitness Noise and Localization Errors of the Optimum in General Quadratic Fitness Models," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 817–824. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/beyer_GECC099.ps.gz.
- [24] S. Boettcher and A. G. Percus, "Extremal Optimization: Methods derived from Co-Evolution," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 825–832. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/9904056.pdf.
- [25] C. C. Bojarczuk, H. S. Lopes, and A. A. Freitas, "Discovering comprehensible classification rules by using Genetic Programming: a case study in a medical domain," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 953–958. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-417.pdf.
- [26] A. Bonarini, "Comparing Reinforcement Learning Algorithms Applied to Crisp and Fuzzy Learning Classifier Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 52–59. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-876.pdf.
- [27] C. R. Bonham and I. C. Parmee, "An Investigation of Exploration and Exploitation Within Cluster Oriented Genetic Algorithms (COGAs)," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1491–1497. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-765.pdf.
- [28] P. A. N. Bosman and D. Thierens, "Linkage Information Processing In Distribution Estimation Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 60–67. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-812.pdf.
- [29] M. Brameier, F. Hoffmann, P. Nordin, W. Banzhaf, and F. Francone, "Parallel Machine Code Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1228. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-439.pdf.
- [30] J. Branke, M. Cutaia, and H. Dold, "Reducing Genetic Drift in Steady State Evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 68–74. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [31] C. A. Brizuela and N. Sannomiya, "A Diversity Study in Genetic Algorithms for Job Shop Scheduling Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 75–82. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-333.pdf.
- [32] L. Bull, "On using ZCS in a Simulated Continuous Double-Auction Market," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 83-90. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-806.ps.
- [33] S. Calderoni, "Behavior-Based Control System in MultiAgent Domain," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1439. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-048.pdf.
- [34] A. Cangelosi, "Heterochrony and Adaptation in Developing Neural Networks," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1241–1248. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-008.pdf.
- [35] E. Cantu-Paz, "Migration Policies and Takeover Times in Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 775. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/gecco99-migpolicy.pdf.
- [36] E. Cantu-Paz, "Topologies, Migration Rates, and Multi-Population Parallel Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 91–98. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/gecco99-topologies.pdf.
- [37] L. Cao, T. E. H. (Francis), M. Lawrence, and W. C. Yeong, "Classification of the Market States Using Neural Network," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 776. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [38] H. Cao, L. Kang, and Y. Chen, "Evolutionary Modeling of Ordinary Differential Equations for Dynamic Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 959-965. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-401.pdf.
- [39] L. Cao and T. E. H. (Francis), "Neuro-Genetic Based Method to the Classification of Acupuncture Needle: A Case Study," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 99–105. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [40] P. A. Castillo, V. Rivas, J. J. Merelo, J. Gonzalez, A. Prieto, and G. Romero, "G-Prop-III: Global Optimization of Multilayer Perceptrons using an Evolutionary Algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 942. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/G-Prop-III_poster.ps.gz.

- [41] R. Cattral, F. Oppacher, and D. Deugo, "Rule Acquisition with a Genetic Algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 778. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [42] Z. S. H. Chan, H. W. Ngan, and A. B. Rad, "Minimum-Allele-Reserve-Keeper (MARK): A Fast and Effective Mutation Scheme for Genetic Algorithm (GA)," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 106–113. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [43] S.-H. Chen, W.-Y. Lin, and C.-I. Tsao, "Genetic Algorithms, Trading Strategies and Stochastic Processes: Some New Evidence from Monte Carlo Simulations," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 114–121. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-397.pdf.
- [44] S. Chen and S. F. Smith, "Improving Genetic Algorithms by Search Space Reductions (with Applications to Flow Shop Scheduling)," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 135–140. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-829.pdf.
- [45] S. Chen and S. F. Smith, "Introducing a New Advantage of Crossover: Commonality-Based Selection," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 122–128. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-827.pdf.
- [46] S. Chen, C. Guerra-Salcedo, and S. F. Smith, "Non-Standard Crossover for a Standard Representation Commonality-Based Feature Subset Selection," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 129–134. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-828.ps.
- [47] S.-H. Chen and T.-W. Kuo, "Towards an Agent-Based Foundation of Financial Econometrics: An Approach Based on Genetic-Programming Artificial Markets," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 966. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-425c.pdf.
- [48] M. Chikara and A. Masayasu, "Collaborative Learning Agents with Structural Classifier Systems," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 777. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-859.pdf.
- [49] F. S. Chong and W. B. Langdon, "Java based Distributed Genetic Programming on the Internet," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1229. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-423.pdf.
- [50] C.-H. Chu, G. Premkumar, C. Chou, and J. Sun, "Dynamic Degree Constrained Network Design: A Genetic Algorithm Approach," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 141–148. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-846.pdf.

- [51] M. Coletti, T. D. Lash, R. Michalski, C. Mandsager, and R. Moustafa, "Comparing Performance of the Learnable Evolution Model and Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 779. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-386.pdf.
- [52] P. Collet, E. Lutton, F. Raynal, and M. Schoenauer, "Individual GP: an Alternative Viewpoint for the Resolution of Complex Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 974–981. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-467.pdf.
- [53] T. D. Collins, "A Comparison of Search Space Visualization Techniques," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 780. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-395.ps.
- [54] J. J. Collins, L. Sheehan, and C. Casey, "Genetic Planner for a Mobile Robot Navigation System," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 782. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-399.pdf.
- [55] J. J. Collins and C. Ryan, "Non-stationary Function Optimization using Polygenic Inheritance," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 781. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-398.pdf.
- [56] D. Corney and I. Parmee, "N-Dimensional Surface Mapping Using Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1230. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-424.pdf.
- [57] L. Costa and P. Oliveira, "GAs in Global Optimization of Mixed Integer Non-Linear Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1773. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-740.ps.
- [58] C. Cotta, E. Alba, and J. M. Troya, "Improving the Scalability of Dynastically Optimal Forma Recombination by Tuning the Granularity of the Representation," in *Proceedings of the Genetic* and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 783. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-800.pdf.
- [59] K. D. Crawford, M. D. McCormack, and D. J. MacAllister, "Modified Gradient Techniques for Normalized Solution Vectors," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1498–1503. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-720.pdf.
- [60] H. B. C. III, "Aircraft Maneuvering via Genetics-Based Adaptive Agent," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1249–1256. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-035.pdf.

- [61] D. Cvetkovic and I. C. Parmee, "Use of Preferences for GA-based Multi-objective Optimisation," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1504–1509. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-764.ps.
- [62] J. M. Daida, D. S. Ampy, M. Ratanasavetavadhana, H. Li, and O. A. Chaudhri, "Challenges with Verification, Repeatability, and Meaningful Comparison in Genetic Programming: Gibson's Magic," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1851–1858. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/MP-604.pdf.
- [63] J. M. Daida, J. A. Polito, S. A. Stanhope, R. R. Bertram, J. C. Khoo, and S. A. Chaudhary, "What Makes a Problem GP-Hard? Analysis of a Tunably Difficult Problem in Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 982–989. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-444.pdf.
- [64] D. Dasgupta, Y. Cao, and C. Yang, "An Immunogenetic Approach to Spectra Recognition," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 149–155. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [65] G. F. Davenport, M. D. Ryan, and V. J. Rayward-Smith, "Rule Induction Using a Reverse Polish Representation," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 990–995. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-433.pdf.
- [66] R. Deaton, "Reaction Temperature Constraints in DNA Computing," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1803–1804. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/dn-101.pdf.
- [67] K. Deb, "Construction of Test Problems for Multi-Objective Optimization," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 164–171. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [68] K. Deb and H.-G. Beyer, "Self-Adaptation in Real-Parameter Genetic Algorithms with Simulated Binary Crossover," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 172–179. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/deb_gecco1.ps.gz.
- [69] M. Delgado, F. V. Zuben, and F. Gomide, "Modular and Hierarchial Evolutionary Design of Fuzzy Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 180–187. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-850.pdf.
- [70] L. M. Desjarlais, M.-R. Akbarzadeh-T., and C. W. Wright, "Control System Optimization Using Genetic Algorithms within the SoftLab Toolkit," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1774. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-781.pdf.

- [71] A. Dessi, A. Giani, and A. Starita, "An Analysis of Automatic Subroutine Discovery in Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 996–1001. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-432.pdf.
- [72] D. Digby and W. Seffens, "Evolutionary Algorithm Analysis of the Biological Genetic Codes," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1440. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-013.pdf.
- [73] S. van Dijk, D. Thierens, and M. de Berg, "On The Design of Genetic Algorithms for Geographical Applications," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 188–195. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-809.pdf.
- [74] C. Dimopoulos and A. M. Zalzala, "Evolving Scheduling Policies through a Genetic Programming Framework," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1231. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-448.pdf.
- [75] P. Dittrich, A. Skusa, W. Kantschik, and W. Banzhaf, "Dynamical Properties of the Fitness Landscape of a GP Controlled Random Morphology Robot," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1002–1008. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-454.pdf.
- [76] S. Droste, T. Jansen, and I. Wegener, "Perhaps Not a Free Lunch But At Least a Free Appetizer," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 833–839. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/droste98perhaps.pdf.
- [77] R. Dupas, G. Cavory, and G. Goncalves, "Real-World Applications. Optimising the throughput of a manufacturing production line using a genetic algorithm," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1775. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-717.pdf.
- [78] E. W. East, "Infrastructure Work Order Planning Using Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1510–1516. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-728.pdf.
- [79] M. Ebner and A. Zell, "Evolving a behavior-based control architecture- From simulations to the real world," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1009–1014. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-414.pdf.
- [80] W. Edelson and M. L. Gargano, "Efficient Calculation of Compute-Intensive Fitness In Genetic Computations Using A Survival Indicator For Population Members," in *Proceedings of the* Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 784. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [81] A. E. Eiben, D. Elia, and J. I. van Hemert, "Population dynamics and emerging mental features in AEGIS," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1257–1264. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-038.pdf.
- [82] M. A. El-Beltagy, P. B. Nair, and A. J. Keane, "Metamodeling Techniques For Evolutionary Optimization of Computationally Expensive Problems: Promises and Limitations," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 196–203. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-854.pdf.
- [83] C. Eldershaw and S. Cameron, "Real-world applications: Motion planning using GAs," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1776. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-768.pdf.
- [84] M. Evett, T. Khoshgoftaar, P. der Chien, and E. Allen, "Modelling software quality with GP," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1232. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-462.pdf.
- [85] F. X. L. i Fabrega and J. M. G. i Guiu, "GENIFER: A Nearest Neighbour based Classifier System using GA," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 797. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-321.pdf.
- [86] I. D. Falco, A. Iazzetta, E. Tarantino, A. D. Cioppa, and A. Iacuelli, "Towards a Simulation of Natural Mutation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 156–163. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [87] F. Federman, G. Sparkman, and S. Watt, "Representation of Music in a Learning Classifier System Utilizing Bach Chorales," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 785. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [88] C. Fernandes, J. P. Caldeira, F. Melicio, and A. Rosa, "Evolutionary Algorithm for School Timetabling," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1777. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-743.pdf.
- [89] J. J. Fernandez Jr. and I. D. Walker, "A Biologically Inspired Fitness Function for Robotic Grasping," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1517-1522. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-744.pdf.
- [90] G. Folino, C. Pizzuti, and G. Spezzano, "A Cellular Genetic Programming Approach to Classification," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1015-1020. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-427.pdf.

- [91] F. D. Francone, M. Conrads, W. Banzhaf, and P. Nordin, "Homologous Crossover in Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1021–1026. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-463.pdf.
- [92] M. Fuchs, D. Fuchs, and M. Fuchs, "Generating Lemmas for Tableau-based Proof Search Using Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1027–1032. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-400.pdf.
- [93] M. Fuchs, "Large Populations Are Not Always The Best Choice In Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1033-1038. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-410.pdf.
- [94] A. S. Fukunaga, "Portfolios of Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 786. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-840.pdf.
- [95] Y. Fukuyama, S. Takayama, Y. Nakanishi, and H. Yoshida, "A Particle Swarm Optimization for Reactive Power and Voltage Control in Electric Power Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1523-1528. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-713.pdf.
- [96] H. Furutani, "Analytical Solutions for Infinite Population Genetic Algorithms on Multiplicative Landscape," in *Proceedings of the Genetic and Evolutionary Computation Conference*,
 W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 204–211. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [97] A. A. Gaivoronski, "Modeling of Complex Economic Systems with Agent Nets," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1265–1272. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-041.ps.
- [98] J. C. Gallagher and R. D. Beer, "Evolution and Analysis of Dynamical Neural Networks for Agents Integrating Vision, Locomotion, and Short-Term Memory," in *Proceedings of the* Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1273-1280. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-005.pdf.
- [99] M. Gallagher, M. Frean, and T. Downs, "Real-valued Evolutionary Optimization using a Flexible Probability Density Estimator," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 840-846. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/gallagher_gecco99.ps.gz.
- [100] H. de Garis, A. Buller, M. Korkin, F. Gers, N. E. Nawa, and M. Hough, "ATR's Artificial Brain ("CAM-Brain") Project: A Sample of What Individual "CoDi-1Bit" Model Evolved Neural Net Modules Can Do with Digital and Analog I/O," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar,

- M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1233. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-464.ps.
- [101] M. H. Garzon, R. J. Deaton, and K. Barnes, "On Self-Assembling Graphs in vitro," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1805–1809. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [102] R. Ghanea-Hercock, D. T. Ndumu, and J. Collis, "Distributed Genetic Programming with Mobile Agents," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1441. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-004.pdf.
- [103] M. R. Glickman and K. Sycara, "Evolution of Goal-Directed Behavior from Limited Information in a Complex Environment," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1281–1288. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-015.pdf.
- [104] D. E. Goldberg and S. Voessner, "Optimizing Global-Local Search Hybrids," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 220–228. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-882.ps.
- [105] D. E. Goldberg, "Using Time Efficiently: Genetic-Evolutionary Algorithms and the Continuation Problem," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 212–219. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-881.pdf.
- [106] I. E. Golovkin, R. C. Mancini, and S. J. Louis, "Plasma X-ray Spectra Analysis Using Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1529–1534. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-734b.pdf.
- [107] F. Gordillo, I. Alcala, and J. Aracil, "A Tool for Solving Differential Games with Co-evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1535–1542. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-775.pdf.
- [108] V. S. Gordon, R. Pirie, A. Wachter, and S. Sharp, "Terrain-Based Genetic Algorithm (TBGA): Modeling Parameter Space as Terrain," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 229-235. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/tbga.pdf.
- [109] M. Gorges-Schleuter, "An Analysis of Local Selection in Evolution Strategies," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 847–854. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [110] J. Gottlieb, "Evolutionary Algorithms for Multidimensional Knapsack Problems: the Relevance of the Boundary of the Feasible Region," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 787. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [111] M. Gronroos, "A Comparison of Some Methods for Evolving Neural Networks," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1442. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-006.pdf.
- [112] C. Guerra-Salcedo and D. Whitley, "Genetic Approach to Feature Selection for Ensemble Creation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 236-243. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Guerra-Salcedo_gecco99c.pdf.
- [113] A. Guigue, S. Oussedik, and D. Delahaye, "Sequencing Aircraft Landings by Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 788. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-880.pdf.
- [114] T. Hackworth, "India and Pakistan, a classic "Richardson" Arms Race: A Genetic Algorithmic approach," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1543–1550. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-700.pdf.
- [115] G. L. Haith, S. P. Colombano, J. D. Lohn, and D. Stassinopoulos, "Coevolution for Problem Simplification," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 244–251. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-896.pdf.
- [116] H. Handa, O. Katai, T. Konishi, and M. Baba, "Coevolutionary Genetic Algorithms for Solving Dynamic Constraint Satisfaction Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 252-257. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-394.pdf.
- [117] A. Hara and T. Nagao, "Emergence of the cooperative behavior using ADG; Automatically Defined Groups," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1039–1046. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-415.ps.
- [118] G. R. Harik and F. G. Lobo, "A parameter-less genetic algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 258–265. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/parameter-less-ga.ps.
- [119] L. J. Harrell and S. R. Ranjithan, "Evaluation of Alternative Penalty Function Implementations in a Watershed Management Design Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1551–1558. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-736.pdf.
- [120] S. D. Harris, R. Mustata, L. Elliott, D. B. Ingham, and D. Lesnic, "Parameter Identification Within Rocks Using Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1779. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-758_2.pdf.

- [121] S. D. Harris, L. Elliott, D. B. Ingham, M. Pourkashanian, and C. W. Wilson, "The Retrieval of Chemical Reaction Rates Using Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1780. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-759_2.pdf.
- [122] E. Hart and P. Ross, "An Immune System Approach to Scheduling in Changing Environments," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1559-1566. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-723.pdf.
- [123] W. E. Hart, "Comparing Evolutionary Programs and Evolutionary Pattern Search Algorithms: A Drug Docking Application," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 855-862. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Har99-gecco.ps.gz.
- [124] A. R. Hartley, "Accuracy-based fitness allows similar performance to humans in static and dynamic classification environments," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 266–273. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Hartley1999a.ps.gz.
- [125] B. Harvey, J. Foster, and D. Frincke, "Towards Byte Code Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1234. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-418.pdf.
- [126] K. B. Harvey and C. C. Pettey, "The Outlaw Method for Solving Multimodal Functions with Split Ring Parallel Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 274-280. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-382.pdf.
- [127] R. B. Heckendorn, S. Rana, and D. Whitley, "Polynomial Time Summary Statistics for a Generalization of MAXSAT," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 281–288. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/maxsat99.pdf.
- [128] G. Helmer, J. Wong, V. Honavar, and L. Miller, "Feature Selection Using a Genetic Algorithm for Intrusion Detection," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1781. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-737.pdf.
- [129] G. Hernandez, J. A. Goldstein, and F. Niao, "Stochastic Differential Model for Evolutionary Algorithms over Continuous Spaces," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 863–870. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [130] M. Hinchliffe, M. Willis, and M. Tham, "Dynamic Chemical Process Modelling Using a Multiple Basis Function Genetic Programming Algorithm," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1782. Morgan Kaufmann, Orlando,

- Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-746.pdf.
- [131] S.-Y. Ho and X.-I. Chang, "An Efficient Generalized Multiobjective Evolutionary Algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 871–878. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [132] S.-Y. Ho, L.-S. Shu, and H.-M. Chen, "Intelligent Genetic Algorithm with a New Intelligent Crossover Using Orthogonal Arrays," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 289–296. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [133] S.-Y. Ho, H.-M. Chen, and L.-S. Shu, "Solving Large Knowledge Base Partitioning Problems Using an Intelligent Genetic Algorithm," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1567-1572. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-747NEW.ps.
- [134] T. P. Hoehn and C. C. Pettey, "Parental and Cyclic-Rate Mutation in Genetic Algorithms: An Initial Investigation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 297-304. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-383.pdf.
- [135] S. A. Hofmeyr and S. Forrest, "Immunity by Design: An Artificial Immune System," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1289–1296. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-039.pdf.
- [136] J. H. Holmes, "Evaluating Learning Classifier System Performance In Two-Choice Decision Tasks: An LCS Metric Toolkit," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 789. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-389.pdf.
- [137] T.-P. Hong, H.-S. Wang, and W.-C. Chen, "Simultaneously Applying Multiple Crossover and Mutation Operators," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 790. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/ga305.ps.
- [138] J. Horn, "Controlling the Cooperative-Competitive Boundary in Niched Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 305-312. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-830.pdf.
- [139] G. S. Hornby, M. Fujita, S. Takamura, T. Yamamoto, and O. Hanagata, "Autonomous Evolution of Gaits with the Sony Quadruped Robot," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1297-1304. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-011.pdf.
- [140] G. S. Hornby and B. Mirtich, "Diffuse versus True Coevolution in a Physics-based World," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2,

- pp. 1305-1312. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-025.pdf.
- [141] D. Howard and S. C. Roberts, "A Staged Genetic Programming Strategy for Image Analysis," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1047-1052. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-461.ps.
- [142] W. H. Hsu, W. M. Pottenger, M. Welge, J. Wu, and T.-H. Yang, "Genetic Algorithms for Attribute Synthesis in Large-Scale Data Mining," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1783. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-754.pdf.
- [143] H.-D. Huang, J. T. Yang, S. F. Shen, and J.-T. Horng, "An Evolution Strategy to Solve Sports Scheduling Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 943. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [144] H. Iba, "Bagging, Boosting, and Bloating in Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1053–1060. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-407.pdf.
- [145] C. Igel and K. Chellapilla, "Investigating the Influence of Depth and Degree of Genotypic Change on Fitness in Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1061–1068. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-422.pdf.
- [146] H. Iima and N. Sannomiya, "Genetic Algorithm for a Large-Scale Scheduling Problem in an Electric Wire Production Process," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1784. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-707.pdf.
- [147] M. Jelasity, "The Adaptationist Stance and Evolutionary Computation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1859–1864. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/MP-600.pdf.
- [148] Y.-G. Jo and H. Kang, "Evolutionary Cellular Automata for Optimal Path Planning of Mobile Robots," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1443. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-037.pdf.
- [149] M. John, D. Panton, and K. White, "Genetic Algorithm for Regional Surveillance," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1573-1579. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-712.ps.
- [150] B. A. Julstrom, "Redundant Genetic Encodings May Not Be Harmful," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 791. Morgan Kaufmann,

- Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Julstrom_gecco99short.html.
- [151] T. Kalganova, J. F. Miller, and T. C. Fogarty, "Evolution of the Digital Circuits with Variable Layouts," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1235. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-449.pdf.
- [152] I. Karanta, T. Mikkola, C. Bounsaythip, O. Jokinen, and J. Savola, "Solving Wood Collection Problem using Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1787. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-757.pdf.
- [153] H. Kargupta and K. Sarkar, "Function Induction, Gene Expression, And Evolutionary Representation Construction," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 313–320. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-885.pdf.
- [154] C. L. Karr and K. Borgelt, "Modeling A Grinding Circuit Using Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1785. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-702.pdf.
- [155] C. L. Karr and B. Weck, "Solutions to Systems of Nonlinear Equations Via Genetic Algorithm," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1786. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-703.pdf.
- [156] J. Kaschel, G. Kobernik, B. Meier, and T. Teich, "Genetic Algorithm, Avoiding of Deadlocks and Gantt-Chart-Generation for the Job Shop Scheduling Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 792. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [157] K. Katayama and H. Narihisa, "Iterated Local Search Approach using Genetic Transformation to the Traveling Salesman Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 321–328. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-819.pdf.
- [158] E. Keedwell, A. Narayanan, and D. Savic, "Using Genetic Algorithms to Extract Rules From Trained Neural Networks," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 793. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-805.pdf.
- [159] M. Keijzer and V. Babovic, "Dimensionally Aware Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1069-1076. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-420.ps.
- [160] R. E. Keller and W. Banzhaf, "The Evolution of Genetic Code in Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2,

- pp. 1077-1082. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-438.pdf.
- [161] C. J. Kennedy and C. Giraud-Carrier, "A Depth Controlling Strategy for Strongly Typed Evolutionary Programming," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 879–885. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Kennedy_GECC01999.pdf.
- [162] C. Key, "Non-reciprocal Altruism and the Evolution of Paternal Care," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1313–1320. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-051.ps.
- [163] B. Klyce, "In real or artificial life, Is Evolutionary Progress in a Closed System Possible?" in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1444. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-021.pdf.
- [164] J. Knowles, D. Corne, and M. Oates, "A New Evolutionary Approach to the Degree Constrained Minimum Spanning Tree Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 794. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/KnowlesCorneGECC099.ps.
- [165] G. J. Koehler, "Computing Simple GA Expected Waiting Times," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 795. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cba.ufl.edu/dis/papers/9706100.ps.
- [166] G. Kokai, Z. Toth, and R. Vanyi, "Generic Evolution Algorithms Programming Library," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1867. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/MP-601b.pdf.
- [167] G. Kokai, R. Vanyi, and Z. Toth, "Parametric L-System Description of the Retina with Combined Evolutionary Operators," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1588-1595. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-769.pdf.
- [168] S. Kopp, H. S. Mortveit, and C. M. Reidys, "Sequential Dynamical Systems and Simulation," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1445. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-009.pdf.
- [169] T. Kovacs, "Deletion Schemes for Classifier Systems," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 329-336. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-856.pdf.
- [170] J. R. Koza, M. A. Keane, F. H. B. III, J. Yu, W. Mydlowec, and O. Stiffelman, "Searching for the Impossible using Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar,

- M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1083-1091. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-457.pdf.
- [171] N. Krasnogor, W. E. Hart, J. Smith, and D. A. Pelta, "Protein Structure Prediction With Evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1596-1601. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-733.pdf.
- [172] T. Krink, B. H. Mayoh, and Z. Michalewicz, "A PATCHWORK Model for Evolutionary Algorithms with Structured and Variable Size Populations," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1321–1328. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-031.pdf.
- [173] S. Kundu, "Complexity Engineering, Evolution and Optimality of Structures," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 796. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/ga-869.pdf.
- [174] W. B. Langdon, "Size Fair and Homologous Tree Genetic Programming Crossovers," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1092-1097. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-405.pdf.
- [175] A. E. Langham and P. W. Grant, "A Multilevel k-way Partitioning Algorithm for Finite Element Meshes using Competing Ant Colonies," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1602–1608. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-715.pdf.
- [176] P. L. Lanzi and M. Colombetti, "An Extension to the XCS Classifier System for Stochastic Environments," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 353-360. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-894.pdf.
- [177] P. L. Lanzi, "Extending the Representation of Classifier Conditions Part I: From Binary to Messy Coding," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 337-344. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-893.pdf.
- [178] P. L. Lanzi and A. Perrucci, "Extending the Representation of Classifier Conditions Part II: From Messy Coding to S-Expressions," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 345–352. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [179] C.-Y. Lee and Y. Song, "Evolutionary Programming using the Levy Probability Distribution," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 886–893. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/ES-203.ps.

- [180] J.-Y. Lee and S.-B. Cho, "Incorporating Human Preference into Content-based Image Retrieval Using Interactive Genetic Algorithm," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1788. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-749.pdf.
- [181] P. Lerena and M. Courant, "Complexity in Mate Choice," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1446. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-034.pdf.
- [182] J. R. Levenick, "Swappers: Introns promote flexibility, diversity and invention," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 361–368. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/swappers.ps.
- [183] Y. Li, K. F. Man, and K. S. Tang, "Multiobjective Genetic Algorithm for Rolling-Horizon Production Planning," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1789. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-708.pdf.
- [184] I. S. Lim and D. Thalmann, "How Not to Be a Black-Box: Evolution and Genetic-Engineering of High-Level Behaviours," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1329–1335. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-001.ps.
- [185] W.-Y. Lin, "Improving Parallel Ordering of Sparse Matrices using Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1790. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-776.pdf.
- [186] D. H. Loughlin and S. R. Ranjithan, "Chance-Constrained Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 369-376. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-381.ps.
- [187] S. J. Louis and Y. Zhang, "A Sequential Similarity Metric for Case Injected Genetic Algorithms applied to TSPs," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 377–384. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-379.ps.
- [188] S. J. Louis and R. Tang, "Interactive Genetic Algorithms for the Traveling Salesman Problem," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 385–392. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-385.ps.
- [189] S. Luke, S. Hamahashi, and H. Kitano, ""Genetic" Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1098-1105. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-437.ps.

- [190] C. C. Maley, "Four Steps Toward Open-Ended Evolution," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1336-1343. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-049.pdf.
- [191] E. Marchiori and C. Rossi, "A Flipping Genetic Algorithm for Hard 3-SAT Problems," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 393-400. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/ga-858.ps.gz.
- [192] C. E. Mariano and E. M. M., "MOAQ an Ant-Q Algorithm for Multiple Objective Optimization Problems," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 894–901. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Mariano_gecco99.ps.gz.
- [193] J. Marin and R. V. Sole, "Evolutionary Optimization Through Extinction Dynamics," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1344-1349. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-036.pdf.
- [194] R. E. Marks, D. F. Midgley, L. G. Cooper, and G. M. Shiraz, "Coevolution with the Genetic Algorithm: Repeated Differentiated Oligopolies," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1609–1615. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-766.pdf.
- [195] L. Martin, F. Moal, and C. Vrain, "Declarative expression of biases in Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 401–408. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [196] D. C. Mattfeld, "Scalable Search Spaces for Scheduling Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1616–1621. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-760.pdf.
- [197] C. Mautner and R. K. Belew, "Coupling Morphology and Control in a Simulated Robot," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1350–1357. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-027.pdf.
- [198] B. Maxwell and S. Anderson, "Training Hidden Markov Models using Population-Based Learning," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 944. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Maxwell-Anderson-GECCO-1999.ps.gz.
- [199] B. McKay, M. Willis, D. Searson, and G. Montague, "Non-Linear Continuum Regression Using Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1106–1111. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-443.pdf.

- [200] N. F. McPhee and N. J. Hopper, "Analysis of genetic diversity through population history," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1112–1120. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-421.pdf.
- [201] O. J. Mengshoel and D. E. Goldberg, "Probabilistic Crowding: Deterministic Crowding with Probabilistic Replacement," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 409–416. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [202] P. Merz and B. Freisleben, "Genetic Algorithms for Binary Quadratic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 417-424. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/merz_gecco99.ps.gz.
- [203] M. M. Meysenburg and J. A. Foster, "Randomness and GA Performance, Revisited," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 425-432. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/prng-icga99.pdf.
- [204] M. M. Meysenburg and J. A. Foster, "Random Generator Quality and GP Performance," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1121-1126. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-416.pdf.
- [205] V. V. Miagkikh and W. F. P. III, "An Approach to Solving Combinatorial Optimization Problems Using a Population of Reinforcement Learning Agents," in *Proceedings of the Genetic* and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1358-1365. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-032.pdf.
- [206] J. F. Miller, "An empirical study of the efficiency of learning boolean functions using a Cartesian Genetic Programming approach," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1135-1142. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-411.ps.
- [207] J. F. Miller, "Digital Filter Design at Gate-level using Evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1127-1134. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-406.ps.
- [208] C. Mota, H. Ferreira, and A. Rosa, "Independent and Simultaneous Evolution of Fuzzy Sleep Classifiers by Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1622–1629. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-784.pdf.
- [209] R. E. Moustafa, K. A. D. Jong, and E. J. Wegman, "Using Genetic Algorithms For Adaptive Function Approximation and Mesh Generation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 798. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-895.pdf.

- [210] M. Munetomo and D. E. Goldberg, "Identifying Linkage Groups by Nonlinearity/Non-monotonicity Detection," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 433–440. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [211] T. Murata, H. Ishibuchi, and M. Gen, "Specification of Local Search Directions in Genetic Local Search Algorithms for Multi-Objective Optimization Problems," in *Proceedings of the* Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 441–448. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [212] J. Muruzabal, "Mining the Space of Generality with Uncertainty-Concerned Cooperative Classifiers," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 449-457. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-300.ps.
- [213] J. W. Myers, K. B. Laskey, and K. A. DeJong, "Learning Bayesian Networks from Incomplete Data using Evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 458-465. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/myers_gecco99.pdf.
- [214] M. Naoki and K. Hajime, "The Entropy Evaluation Method for the Thermodynamical Selection Rule," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 799. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-844.pdf.
- [215] B. Naudts and A. Schippers, "A Motivated Definition of Exploitation and Exploration," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 800. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/xxBA.ps.
- [216] G. Nault, V. Rialle, and J.-G. Meunier, "PROGEN: a Genetic-Based Semi-automatic Hypertext Construction Tool-first steps and experiment," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1630–1635. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-729a.ps.
- [217] P. L. K. G. Navarro, P. P. B. de Oliveira, F. M. Ramos, and H. F. Campos-Velho, "Magnetotelluric Inversion Using Problem-Specific Genetic Operators," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1580–1587. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-772a.ps.
- [218] J. Neves, M. Rocha, H. Rodrigues, M. Biscaia, and J. Alves, "Adaptive Strategies and the Design of Evolutionary Applications," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 473–479. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [219] A. Neves, A. Silva, and E. Costa, "Evolutionary Path Planning for Nonholonomic Robots," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 466–472. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [220] F. Niao, G. Hernandez, and D. Dasgupta, "On Evolution of stochastic dynamical neural networks," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 801. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-387.pdf.
- [221] A. Nishikawa, M. Hagiya, and M. Yamamura, "Virtual DNA Simulator and Protocol Design by GA," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1810–1816. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/DN100.ps.gz.
- [222] M. O'Neill and C. Ryan, "Under the Hood of Grammatical Evolution," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1143–1148. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-434.pdf.
- [223] M. Oates, D. Corne, and R. Loader, "Variation in EA Performance Characteristics on the Adaptive Distributed Database Management Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 480–487. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [224] S. Obayashi, D. Sasaki, and Y. Takeguchi, "Evolutionary Computation of Supersonic Wing Shape Optimization," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1791. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-710.pdf.
- [225] G. Ochoa, I. Harvey, and H. Buxton, "On Recombination and Optimal Mutation Rates," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 488-495. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ochoa_GECCO1999.ps.gz.
- [226] M. Ogihara, "Relating the Minimum Model for DNA Computation and Boolean Circuits," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1817–1821. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/relating.pdf.
- [227] J. C. Oh, "Effects of "Physical Body" on Biased Opponent Selection in the Iterated Prisoner's Dilemma Game," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1447. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-022.pdf.
- [228] G. Olague, "Analysis of Genetic Algorithms Convergence Applied to Mensuration Problems in Computer Vision," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1792. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-742.pdf.
- [229] B. Olsson, "Using Evolutionary Algorithms in the Design of Protein Fingerprints," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1636-1642. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-753.pdf.

- [230] I. Ono, H. Kita, and S. Kobayashi, "A Robust Real-Coded Genetic Algorithm using Unimodal Normal Distribution Crossover Augmented by Uniform Crossover: Effects of Self-Adaptation of Crossover Probabilities," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 496–503. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/0no_gecco99.pdf.
- [231] D. W. Opitz, "An Evolutionary Approach to Feature Set Selection," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 803. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-886.pdf.
- [232] D. W. Opitz, S. C. Basak, and B. D. Gute, "Hazard Assessment Modeling: An Evolutionary Ensemble Approach," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1643–1650. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-739.pdf.
- [233] F. Oppacher and M. Wineberg, "The Shifting Balance Genetic Algorithm: Improving the GA in a Dynamic Environment," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 504–510. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-365.ps.
- [234] M. Oprea and S. Forrest, "How the immune system generates diversity: Pathogen space coverage with random and evolved antibody libraries," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1651–1656. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-771b.pdf.
- [235] A. Ostermeier and N. Hansen, "An Evolution Strategy with Coordinate System Invariant Adaptation of Arbitrary Normal Mutation Distributions Within the Concept of Mutative Strategy Parameter Control," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 902–909. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ostermeier_GECC099.pdf.
- [236] P. Palazzari and M. Coli, "Evolving Probabilistic Chromosomes in Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 511–518. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [237] G. B. Parker and J. W. Mills, "Adaptive Hexapod Gait Control Using Anytime Learning with Fitness Biasing," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 519–524. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-866.pdf.
- [238] I. C. Parmee and A. H. Watson, "Preliminary Airframe Design Using Co-Evolutionary Multiobjective Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary* Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1657–1665. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-763.PS.
- [239] A. Pazos, A. S. del Riego, J. Dorado, and J. J. R. Cardalda, "Adaptive Aspects of Rhythmic Composition: Genetic Music," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1794. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-752.pdf.

- [240] A. Pazos, J. Pazos, and A. R. Paton, "DNA Assembly and Recombination for Hamiltonian Paths and Binary Words," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1822–1824. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [241] A. Pazos, J. Dorado, A. Santos, and J. R. Rabunal, "Optimization of GA Parameters to Train Recurrent ANN through Weight Adjustment and Selection of Activation Functions," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1793. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-751A.pdf.
- [242] M. Pelikan, D. E. Goldberg, and E. Cantu-Paz, "BOA: The Bayesian Optimization Algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 525-532. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/boa.ps.gz.
- [243] F. B. Pereira, P. Machado, E. Costa, and A. Cardoso, "Graph Based Crossover-A Case Study with the Busy Beaver Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1149–1155. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-429.pdf.
- [244] A. G. Pereira, "Road Design by Evolutionary Modelling of Routes," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1778. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/rw-782.ps.
- [245] S. Perkins, "Evolving Effective Visual Tracking through Shaping," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1156-1161. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-458c.pdf.
- [246] M. Perrenoud, M. Tomassini, M. Sipper, and M. Zolla, "Evolving High-Quality Random Number Generators," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 804. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [247] A. Petrowski and S. B. Hamida, "A Logarithmic Mutation Operator to Solve Constrained Optimization Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 805. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-889.pdf.
- [248] A. J. Pindor, "Using Genetic Algorithm to manipulate polynomial expressions," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1666–1671. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-719.pdf.
- [249] V. P. Plagianakos and M. N. Vrahatis, "Training Neural Networks with 3-bit Integer Weights," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 910–915. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [250] H. Pohlheim and A. Heissner, "Optimal Control of Greenhouse Climate using Real-World Weather Data and Evolutionary Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1672–1677. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-756.pdf.
- [251] H. Pohlheim and J. Wegener, "Testing the Temporal Behavior of Real-Time Software Modules using Extended Evolutionary Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1795. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-770.pdf.
- [252] H. Pohlheim, "Visualization of Evolutionary Algorithms Set of Standard Techniques and Multidimensional Visualization," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 533-540. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-820.pdf.
- [253] R. Poli, "Schema Theorems without Expectations," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 806. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Poli-GECC01999-Poster.pdf.
- [254] R. Poli, J. Page, and W. B. Langdon, "Smooth Uniform Crossover, Sub-Machine Code GP and Demes: A Recipe For Solving High-Order Boolean Parity Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1162–1169. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-466.pdf.
- [255] J. Poon, "Problem Solving: Search, Exploration and Co-evolution," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 541–548. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-878.pdf.
- [256] M. A. Porter, M. J. Willis, and G. A. Montague, "Modelling Antibiotic Production using Standard and Sequential Hybridised Symbolic Annealing," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1796. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-745.pdf.
- [257] D. K. Pratihar, K. Deb, and A. Ghosh, "Design of a Genetic-Fuzzy System for Planning Optimal Path and Gait Simultaneously of a Six-legged Robot," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1678–1684. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-748.pdf.
- [258] J. C. F. Pujol and R. Poli, "Evolution of Neural Networks Using Weight Mapping," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1170–1177. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-430.pdf.
- [259] S. Punya and B. Deo, "Prediction of Silicon Content of Hot Metal Using Fuzzy-GA Regression," in *Proceedings of the Genetic and Evolutionary Computation Conference*,
 W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith,

- eds., vol. 2, pp. 1685-1690. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-785.pdf.
- [260] A. Radi and R. Poli, "Evolutionary Discovery of Learning Rules for Feedforward Neural Networks with Step Activation Function," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1178-1183. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-428.attempt2.pdf.
- [261] A. M. Raich and J. Ghaboussi, "Frame Design Synthesis Using Implicit Redundant Genetic Algorithm," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1691–1698. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-732.pdf.
- [262] G. R. Raidl, "An Evolutionary Approach to Point-Feature Label Placement," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 807. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/raidl-99b.ps.
- [263] S. Rana, "The Distributional Biases of Crossover Operators," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 549-556. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Rana_gecco99.pdf.
- [264] A. Rechsteiner and M. A. Bedau, "A Generic Neutral Model for Measuring Excess Evolutionary Activity of Genotypes," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1366–1373. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-016.pdf.
- [265] F. Ren, H. Tanaka, T. Okayama, and T. Gojobori, "Reconstructing Molecular Phylogenetic Tree with Multifurcation by Using Minimum Complexity Principle," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1825–1828. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [266] A. O. Rodriguez, "Finding Wavelet Packet Bases with an Estimation Distribution Algorithm," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 802. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-363.pdf.
- [267] J. A. Rose, R. J. Deaton, D. R. Franceschetti, M. Garzon, and S. E. S. Jr., "A Statistical Mechanical Treatment of Error in the Annealing Biostep of DNA Computation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1829–1834. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Rose_newgecco.pdf.
- [268] A. Rosete-Suarez, A. Ochoa-Rodriguez, and M. Sebag, "Automatic Graph Drawing and Stochastic Hill Climbing," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1699–1706. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-726f.pdf.

- [269] B. J. Ross, "Logic-based Genetic Programming with Definite Clause Translation Grammars," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1236. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-408.pdf.
- [270] J. E. Rowe, "Finding attractors for periodic fitness functions," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 557–563. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [271] M. Ryan, J. Debuse, G. Smith, and I. Whittley, "A Hybrid Genetic Algorithm for the Fixed Channel Assignment Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1707–1714. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-714.pdf.
- [272] V. Salim, "Genetic Algorithms in Road Investment Planning with Computational Comparisons to Simulated Annealing and Heuristics," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 808. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [273] A. A. Salman, K. Mehrotra, and C. K. Mohan, "Linkage Crossover For Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 564-571. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-823.pdf.
- [274] R. P. Salustowicz and J. Schmidhuber, "Sequence Learning Through PIPE and Automatic Task Decomposition," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1184–1191. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-442.pdf.
- [275] J. Sarma and K. D. Jong, "The Behavior of Spatially Distributed Evolutionary Algorithms in Non-Stationary Environments," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 572-578. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/sarma_icga99.ps.gz.
- [276] H. Sawai and S. Adachi, "Parallel Distributed Processing of a Parameter-free Hierarchical Migration Methods," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 579–586. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-852.ps.
- [277] S. Saxon and A. Barry, "XCS and the Monk's Problems," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 809. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Saxon1999a.pdf.
- [278] R. Schleiffer and H.-J. Sebastian, "A Fuzzy Neighborhood Based GA in Fuzzy Engineering Design," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1797. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-701.pdf.

- [279] N. Senin, D. R. Wallace, and N. Borland, "Object-based Design Modeling and Optimization with Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1715–1722. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-779.ps.
- [280] F. Seredynski and C. Z. Janikow, "Designing Cellular Automata-based Scheduling Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 587-594. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-849.pdf.
- [281] J. G. Shanahan, J. F. Baldwin, and T. P. Martin, "Constructive Induction of Fuzzy Cartesian Granule Feature Models using Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1237. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-431.pdf.
- [282] O. Sharpe, "Continuing Beyond NFL: Dissecting real world problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 595–602. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-356.ps.
- [283] O. Sharpe, "Persistence, Search and Autopoiesis," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1374-1381. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-046.pdf.
- [284] S. Shimada and Y. Anzai, "Fast and Robust Convergence of Chained Classifiers by Generating Operons through Niche Formation," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 810. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-393.pdf.
- [285] H. Shimodaira, "A Diversity Control Oriented Genetic Algorithm (DCGA): Development and Experimental Results," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 603–611. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [286] A. Silva, A. Neves, and E. Costa, "Genetically Programming Networks to Evolve Memory Mechanisms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1448. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-040.pdf.
- [287] A. B. Simoes and E. Costa, "Transposition versus Crossover: An Empirical Study," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 612-619. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Borges-Simoes_gecco99_2.pdf.
- [288] M. C. Sinclair, "Optical Mesh Network Topology Design using Node-Pair Encoding Genetic Programming," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1192-1197. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-426.pdf.

- [289] C. E. Smith, "An Application of Genetic Programming To Investment System Optimization," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1798. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-750.ps.
- [290] H. Someya and M. Yamamura, "A Genetic Algorithm without Parameters Tuning and its Application on the Floorplan Design Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 620-627. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-837.pdf.
- [291] G.-B. Song and S.-B. Cho, "Adaptive Behavior of Incrementally Evolved Neural Networks based on Cellular Automata," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1449. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-014.pdf.
- [292] T. Soule, "Voting Teams: A cooperative approach to non-typical problems using genetic programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 916-922. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/vote2.ps.
- [293] A. Spalanzani, S. A. Selouani, and H. Kabre, "Evolutionary Algorithms for Optimizing Speech Data Projection," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1799. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Rw-778.pdf.
- [294] L. Steinberg and K. Rasheed, "Optimization by Searching a Tree of Populations," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1723-1730. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-777.pdf.
- [295] C. R. Stephens, "Effect of Mutation and Recombination on the Genotype-Phenotype Map," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1382–1389. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-028.ps.
- [296] R. Stewart and P. L. Rosin, "Neural network construction using Voronoi dissections," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 811. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-801.pdf.
- [297] A. Stoica, C.-S. Lazaro, D. Keymeulen, and K. Hayworth, "Evolution of CMOS Circuits in Simulations and Directly in Hardware on a Programmable Chip," in *Proceedings of the Genetic* and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1198-1203. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-440.pdf.
- [298] D. Sturgill and G. Pant, "Evaluation Criteria for Genetically-Tuned Problem-Solving Experts," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1390–1397. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-018.pdf.

- [299] K. Sugai, "Stochastic Evolution on the Hierarchical Population," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 628–634. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [300] Y. Suzuki and H. Tanaka, "Practical and Theoretical Investigation of a Collective work," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1450. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-047.pdf.
- [301] S. Swift and X. Liu, "Modelling and Forecasting of Glaucomatous Visual Fields Using Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1731–1737. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-731.pdf.
- [302] K. Takadama, T. Terano, and K. Shimohara, "How to Design Good Learning Agents in Organization," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1398-1405. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-045.pdf.
- [303] E. Takahashi, M. Murakawa, K. Toda, and T. Higuchi, "An Evolvable-hardware-based Clock Timing Architecture towards GigaHz Digital Systems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1204–1210. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-450.pdf.
- [304] H. Terashima-Marin, P. Ross, and M. Valenzuela-Rendon, "Evolution of Constraint Satisfaction Strategies in Examination Timetabling," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 635-642. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-825.pdf.
- [305] D. Thierens, "Estimating the Significant Non-Linearities in the Genome Problem-Coding," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 643-648. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-810.ps.
- [306] Y. Tian, N. Sannomiya, and T. Yokokura, "A Simulation Study on Adaptive Behavior of Fish Schools under Environmental Variation," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1451. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-007.pdf.
- [307] D. S. Todd and P. Sen, "Directed Multiple Objective Search of Design Spaces Using Genetic Algorithms and Neural Networks," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1738-1743. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-718.ps.
- [308] A. Tomlinson and L. Bull, "On Corporate Classifier Systems: Increasing the Benefits of Rule Linkage," in *Proceedings of the Genetic and Evolutionary Computation Conference*,
 W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 649–656. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.

- [309] A. Trenaman, "Further Investigations into the Evolution of Agents with Concurrent Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1452. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-044.pdf.
- [310] S. Tsutsui, M. Yamamura, and T. Higuchi, "Multi-parent Recombination with Simplex Crossover in Real Coded Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 657–664. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Tsutsui_icga99.pdf.
- [311] A. Tucker and X. Liu, "Extending Evolutionary Programming Methods to the Learning of Dynamic Bayesian Networks," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 923–929. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Tucker_GECC099.pdf.
- [312] E. Uchibe, M. Nakamura, and M. Asada, "Cooperative and Competitive Behavior Acquisition for Mobile Robots through Co-evolution," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1406-1413. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-033.pdf.
- [313] K. Uno and A. Namatame, "Evolutionary Behaviors Emerged through Strategic Interactions in the Large," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1414-1421. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-050.pdf.
- [314] C. L. Valenzuela, "Evolutionary Divide and Conquer (II) for the TSP," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1744–1749. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-716.pdf.
- [315] E. E. Vallejo and F. Ramos, "Result-Sharing: A Framework for Cooperation in Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1238. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-435.pdf.
- [316] K. Vekaria and C. Clack, "Biases Introduced by Adaptive Recombination Operators," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 670-677. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Vekaria_gecco99.ps.
- [317] M. S. Voss and C. M. Foley, "Evolutionary Algorithm For Structural Optimization," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 678-685. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Voss_genetic.pdf.
- [318] D. Vrajitoru, "Genetic Programming Operators Applied to Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 686-693. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-312.ps.gz.

- [319] N. J. Vriend, "The Difference between Individual and Population Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 812. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [320] K. Wagner, "Habitat, Communication and Cooperative Strategies," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 694–701. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-842.pdf.
- [321] R. L. Walker, "Assessment of the Web using Genetic Programming," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1750–1755. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-727.pdf.
- [322] R. Walker and O. Miglino, "Simulating exploratory behavior in evolving Neural Networks," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1422–1428. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-026.ps.
- [323] P. Walsh, "A Functional Style and Fitness Evaluation Scheme for Inducting High Level Programs," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1211-1216. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-455.pdf.
- [324] H. Watabe and T. Kawaoka, "Solving Combinatorial Optimization Problems with Multi-Step Genetic Algorithms," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 813. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [325] J.-P. Watson, "A Performance Assessment of Modern Niching Methods for Parameter Optimization Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 702–709. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [326] R. A. Watson and J. B. Pollack, "Incremental Commitment in Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 710-717. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-887.pdf.
- [327] G. M. Weiss, "Timeweaver: a Genetic Algorithm for Identifying Predictive Patterns in Sequences of Events," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 718-725. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Weiss_gecco99.pdf.
- [328] T. White and B. Pagurek, "Application Oriented Routing with Biologically-inspired Agents," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1453. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [329] D. Whitley, "A Free Lunch Proof for Gray versus Binary Encodings," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 726–733. Morgan

- Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Whitley_gecco99a.pdf.
- [330] K. P. Williams and S. A. Williams, "Two Evolutionary Representations for Automatic Parallelization," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1429-1436. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/AA-010.pdf.
- [331] K. P. Wong, J. Yuryevich, and A. Li, "Evolutionary Programming Based Method for Evaluation of Power Flow," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1756–1761. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-773.pdf.
- [332] D. Wood, J. Chen, E. A. B. Lemieux, and W. Cedeno, "A DNA Implementation of the Max 1s Problem," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1835–1842. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Wood_gecco-99.pdf.
- [333] A. H. Wright and Y. Zhao, "Markov Chain Models of Genetic Algorithms," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 734-741. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/ssq.ps.gz.
- [334] J.-M. Yang and C.-Y. Kao, "An Evolutionary Algorithm for Continuous Global optimization," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf,
 J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 930–938. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [335] C. Yang, D. Dasgupta, and Y. Cao, "A Group Encoding Technique for Set Partitioning Problems," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 742–749. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-814.pdf.
- [336] J. Yang, A. Tiyyagura, F. Chen, and V. Honavar, "Feature Subset Selection for Rule Induction Using RIPPER," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, p. 1800. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-738.pdf.
- [337] J. Yen, L. Yang, B. Lee, and J. C. Liao, "A Supervisory Simplex-GA Approach for Metabolic Model Optimization," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 750–757. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999.
- [338] T. Yoshimi and T. Taura, "A Computational Model of a Viewpoint-Forming Process in a Hierarchical Classifier System," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, pp. 758–766. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GA-871.pdf.
- [339] M. M. Zahran, A. H. A. Wahab, and S. I. Shaheen, "Adaptive Genetic Algorithm for Multiprocessor Scheduling," in *Proceedings of the Genetic and Evolutionary Computation* Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 1, p. 814. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/Ga-835.pdf.

- [340] B.-T. Zhang and J.-G. Joung, "Genetic Programming with Incremental Data Inheritance," in Proceedings of the Genetic and Evolutionary Computation Conference, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1217–1224. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/GP-460.pdf.
- [341] E. Zitzler, J. Teich, and S. S. Bhattacharyya, "Evolutionary Algorithm Based Exploration of Software Schedules for Digital Signal Processors," in *Proceedings of the Genetic and Evolutionary Computation Conference*, W. Banzhaf, J. Daida, A. E. Eiben, M. H. Garzon, V. Honavar, M. Jakiela, and R. E. Smith, eds., vol. 2, pp. 1762–1770. Morgan Kaufmann, Orlando, Florida, USA, 13-17 july, 1999. http://www.cs.bham.ac.uk/~wbl/biblio/gecco1999/RW-724.pdf.