Список литературы

[1] D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[2] M. Wineberg and F. Oppacher, Enhancing the GA's Ability to Cope with Dynamic Environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 3–10, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[3] P. Chiu, A. Girgensohn, W. Polak, E. Rieffel, L. Wilcox, and F. H. Bennett III, A Genetic Segmentation Algorithm for Image Data Streams and Video, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 666–673, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[4] M. Kirley and D. G. Green, An Empirical Investigation of Optimisation in Dynamic Environments Using the Cellular Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 11–18, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[5] R. K. Ursem, Multinational GAs: Multimodal Optimization Techniques in Dynamic Environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 19–26, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[6] G. K.-M. Goh and J. A. Foster, Evolving Molecules for Drug Design Using Genetic Algorithms via Molecular Trees, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 27–33, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[7] T. Ray, T. Kang, and S. K. Chye, An Evolutionary Algorithm for Constrained Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 771–777, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[8] T. Soule, Heterogeneity and Specialization in Evolving Teams, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 778–785, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[9] Y. Jin, M. Olhofer, and B. Sendhoff, On Evolutionary Optimization with Approximate Fitness Functions, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 786–793, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[10] O. A. Chaudhri, J. M. Daida, J. C. Khoo, W. S. Richardson, R. B. Harrison, and W. J. Sloat, Characterizing a Tunably Difficult Problem in Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 395–402, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[11] M. C. Bot, Improving Induction of Linear Classification Trees with Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 403–410, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[12] M. Keijzer and V. Babovic, Genetic Programming within a Framework of Computer-Aided Discovery of Scientific Knowledge, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 543–550, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[13] R. J. Gilbert, J. J. Rowland, and D. B. Kell, Genomic computing: explanatory modelling for functional genomics, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 551–557, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[14] F.-S. Wang, Hybrid Differential Evolution for Dynamic Optimization of A Fedbatch Bioreactor Process, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 558–565, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[15] M. Mundhe and S. Sen, Evolving agent societies that avoid social dilemmas, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 809–816, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[16] H. Ishibuchi, T. Nakari, and T. Nakashima, Evolution of Strategies in Spatial IPD Games with Structure Demes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 817–824, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[17] L. Barone and L. While, Adaptive Learning for Poker, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 566–573, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[18] W. F. Punch and W. M. Rand, GP+Echo+Subsumption = Improved Problem Solving, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 411–418, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[19] H. Iba and M. Terao, Controlling Effective Introns for Multi-Agent Learning by Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 419–426, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[20] I. De Falco, A. Iazzetta, E. Tarantino, A. D. Cioppa, and G. Trautteur, A Kolmogorov Complexity-based Genetic Programming tool for string compression, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 427–434, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[21] M. V. Butz, D. E. Goldberg, and W. Stolzmann, Introducing a genetic generalization pressure to the Anticipatory Classifier System - Part 1: Theoretical approach, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 34–41, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[22] M. V. Butz, D. E. Goldberg, and W. Stolzmann, Introducing a genetic generalization pressure to the Anticipatory Classifier System - Part 2: Performance Analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 42–49, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[23] A. Barry, Specifying Action Persistence within XCS, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 50–57, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[24] J. Knowles and D. Corne, Heuristics for evolutionary off-line routing in telecommunications networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 574–581, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[25] S. Kwong and S. S. Chan, A Fault-tolerant Multicast Routing Algorithm in ATM Networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 582–589, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[26] G. Dozier, Distributed Steady-State Neuro-Evolutionary Path Planning in Non-Stationary Environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 58–65, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[27] B. Carse and J. Oreland, A Note on Learning and Evolution in Neural Networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 66–73, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[28] J.-M. Yang and C.-Y. Kao, An Evolutionary Algorithm to Training Neural Networks for a Two-Spiral Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1025–1032, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[29] S. Pozzi and J. Segovia, Evaluations of Genetic Programming and Neural Networks Techniques for Nuclear Material Identification, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 590–596, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[30] M. Vazquez and L. D. Whitley, A Comparison of Genetic Algorithms for the Dymanic Job Shop Scheduling Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1011–1018, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[31] G. Ochoa, I. Harey, and H. Buxton, Optimal Mutation Rates and Selection Pressure in Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 315–322, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[32] E. Hart and P. Ross, Enhancing the Performance of a GA through Visualisation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 347–354, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[33] R. I. B. McKay, Fitness Sharing in Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 435–442, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[34] J. Gan and K. Warwick, A Variable Radius Niching Technique for Speciation in Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 96–103, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[35] T. P. Riopka and P. Bock, Intelligent Recombination Using Individual Learning in a Collective Learning Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 104–111, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[36] H. Sawai and S. Adachi, A Comparative Study of Gene-Duplicated GAs Based on PfGA and SSGA, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 74–81, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[37] S. Margetts and A. J. Jones, Phlegmatic Mappings for Function Optimisation with Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 82–89, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[38] G. Seront and H. Bersini, A New GA-Local Search Hybrid for Optimization Based on Multi Level Single Linkage Clustering, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 90–95, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[39] S. Baglioni, D. Sorbello, C. da Costa Pereira, and A. G. B. Tettamanzi, Evolutionary Multiperiod Asset Allocation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 597–604, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[40] A. J. Bagnall, A Multi-Adaptive Agent Model of Generator Bidding in the UK Market in Electricity, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 605–612, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[41] K. B. Matthews, S. Craw, S. Elder, A. R. Sibbald, and I. MacKenzie, Applying Genetic Algorithms to Multi-Objective Land Use Planning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 613–620, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[42] J. Sakuma and S. Kobayashi, Extrapolation-Directed Crossover for Job-shop Scheduling Problems: Complementary Combination with JOX, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 973–980, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[43] P. Van Bael, D. Devogelaere, and M. Rijckaert, A steady-state evolutionary algorithm for the job shop problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 981–986, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[44] N. Krasnogor and J. Smith, A Memetic Algorithm With Self-Adaptive Local Search: TSP as a case study, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 987–994, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[45] G. Rudolph, Takeover Times and Probabilities of Non-Generational Selection Rules, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 903–910, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[46] J. Wakunda and A. Zell, A new Selection Scheme for Steady-State Evolution Strategies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 794–801, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[47] E. Cantu-Paz, Selection Intensity in Genetic Algorithms with Generation Gaps, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 911–918, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[48] L. A. Costa, P. Oliveira, I. N. Figueiredo, L. F. Roseiro, and R. P. Leal, Structural Optimization of Laminated Plates with Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 621–627, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[49] K. Rasheed and H. Hirsh, Informed operators: Speeding up genetic-algorithm-based design optimization using reduced models, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 628–635, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[50] M. Murakawa, T. Itatani, Y. Kasai, H. Kikkawa, and T. Higuchi, An Evolvable Laser System for Femtosecond Pulse Generation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 636–642, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[51] B. J. Ross, The Effects of Randomly Sampled Training Data on Program Evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 443–450, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[52] W. B. Langdon, Quadratic Bloat in Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 451–458, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[53] E. Kirshenbaum, Genetic Programming with Statically Scoped Local Variables, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 459–468, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[54] L. J. Testa, A. C. Esterline, G. V. Dozier, and A. Homaifar, A Comparison of Operators for Solving Time Dependent Traveling Salesman Problems Using GAs, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 995–1002, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[55] S. Jung and B.-R. Moon, The Natural Crossover for the 2D Euclidean TSP, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1003–1010, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[56] D. Bonachea, E. Ingerman, J. Levy, and S. McPeak, An Improved Adaptive Multi-Start Approach to Finding Near-Optimal Solutions to the Euclidean TSP, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 143–150, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[57] R. A. Watson and J. B. Pollack, Recombination Without Respect: Schema Combination and Disruption in Genetic Algorithm Crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 112–119, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[58] S. Bhattacharyya and M. D. Troutt, Crossover in Probability Spaces, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 120–127, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[59] H. Bersini, Chemical Crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 825–832, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[60] A. E. Eiben, B. Jansen, Z. Michalewicz, and B. Paechter, Solving CSPs with using self-adaptive constraint weights: how to prevent EAs from cheating, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 128–134, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[61] K. Katayama, M. Tani, and H. Narihisa, Solving Large Binary Quadratic Programming Problems by Effective Genetic Local Search Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 643–650, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[62] A. Liese, D. Polani, and T. Uthmann, On the development of spectral properties of visual agent receptors through evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 857–864, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[63] R. B. Heckendorn, Polynomial Time Summary Statistics for Two General Classes of Functions, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 919–926, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[64] S. G. Ficici and J. B. Pollack, Effects of Finite Populations on Evolutionary Stable Strategies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 927–934, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[65] F. G. Lobo, D. E. Goldberg, and M. Pelikan, Time complexity of genetic algorithms on exponentially scaled problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 151–158, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[66] S. C. Roberts and D. Howard, Genetic Programming for Image Analysis: Orientation Detection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 651–657, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[67] B. J. Ross, F. Fueten, and D. Y. Yashkir, Edge Detection of Petrographic Images Using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 658–665, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[68] S.-J. Kang and B.-R. Moon, A Hybrid Genetic Algorithm for Multiway Graph Partitioning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 159–166, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[69] Y.-H. Kim and B.-R. Moon, A Hybrid Genetic Search for Graph Partitioning Based on Lock Gain, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 167–174, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[70] A. J. Soper, C. Walshaw, and M. Cross, A Combined Evolutionary Search and Multilevel Approach to Graph Partitioning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 674–681, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[71] M. Arita, A. N. andMasami Hagiya, K. Komiya, H. Gouzu, and K. Sakamoto, Improving Sequence Design for DNA Computing, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 875–882, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[72] J.-T. Horng, C.-M. Lin, B.-J. Liu, and C.-Y. Kao, Using Genetic Algorithms to Solve Multiple Sequence Alignments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 883–890, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[73] Y. Suzuki and H. Tanaka, A New Molecular Computing Model, Artificial Cell Systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 833–840, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[74] W. Gunther and R. Drechsler, Improving EAs for Sequencing Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 175–180, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[75] D. Knjazew and D. E. Golberg, OMEGA - Ordering Messy GA: Solving Permutation Problems with the Fast Messy Genetic Algorithm and Random Keys, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 181–188, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[76] S. Matsui and K. ichi Tokoro, A New Genetic Algorithm for Minimum Span Frequency Assignment using Permutation and Clique, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 682–689, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[77] R. Poli, Exact Schema Theorem and Effective Fitness for GP with One-Point Crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 469–476, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[78] J. R. Koza, M. A. Keane, J. Yu, and W. Mydlowec, Automatic Synthesis of Electrical Circuits Containing a Free Variable using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 477–484, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[79] W. A. Greene, A Non-Linear Schema Theorem for Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 189–194, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[80] I. T. Christou and A. Zakarian, Domain Knowledge and Representation in Genetic Algorithms for Real World Scheduling Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 690–696, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[81] J. Kaeschel, B. Meier, M. Fischer, and T. Teich, Evolutionary Real-World Shop Floor Scheduling using Parallelization and Parameter Coevolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 697–701, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[82] R. Szmit and A. Barak, Evolution Strategies for a Parrallel Multi-Objective Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 227–234, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[83] M. Boden, H. Jacobsson, and T. Ziemke, Evolving context-free language predictors, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1033–1040, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[84] H. Ishibuchi and T. Nakashima, Linguistic Rule Extraction by Genetics-Based Machine Learning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 195–202, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[85] M. O'Neill and C. Ryan, Grammar based function definition in Grammatical Evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 485–490, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[86] D. Polani and R. Miikkulainen, Eugenic Neuro-Evolution for Reinforcement Learning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1041–1046, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[87] I. Ono, T. Nijo, and N. Ono, A Genetic Algorithm for Automatically Designing Modular Reinforcement Learning Agents, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 203–210, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[88] P. J. Bentley, "Evolutionary, my dear Watson"Investigating Committee-based Evolution of Fuzzy Rules for the Detection of Suspicious Insurance Claims, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 702–709, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[89] S. Tsutsui, Sampling Bias and Search Space Boundary Extension in Real Coded Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 211–218, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[90] O. Takahashi, H. Kita, and S. Kobayashi, A Real-Coded Genetic Algorithm using Distance Dependent Alternation Model for Complex Function Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 219–226, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[91] M. J. Oates, D. Corne, and R. Loader, A Tri-Phase Multimodal Evolutionary Search Performance Profile on the 'Hierarchical If and Only If' Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 339–346, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[92] H. Shimooka and Y. Fujimoto, Generating Robust Control Equations with Genetic Programming for Control of a Rolling Inverted Pendulum, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 491–495, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[93] M. A. Keane, J. Yu, and J. R. Koza, Automatic Synthesis of Both Topology and Tuning of a Common Parameterized Controller for Two Families of Plants using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 496–504, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[94] V. A. Cicirello and S. F. Smith, Modeling GA Performance for Control Parameter Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 235–242, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[95] K. E. Mathias, L. J. Eshelman, J. D. Schaffer, L. Augusteijn, P. Hoogendijk, and R. van de Wiel, Code Compaction Using Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 710–717, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[96] A. R. F. da Silva, Genetic Algorithms for Component Analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 243–250, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[97] D. Tominaga, N. Koga, and M. Okamoto, Efficient Numerical Optimization Algorithm Based on Genetic Algorithm for Inverse Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 251–258, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[98] S.-Y. Ho and K.-Z. Lee, A Simple and Fast GA-SA Hybrid Image Segmentation Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 718–725, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[99] P. J. Rauss, J. M. Daida, and S. Chaudhary, Classification of Spectral Imagery Using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 726–733, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[100] Y. Takehisa, H. Sakanashi, and T. Higuchi, Adaptive Wavelet Transform for Lossless Image Compression using Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 259–266, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[101] M. Pelikan and D. E. Goldberg, Hierarchical Problem Solving by the Bayesian Optimization Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 267–274, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[102] M. Pelikan, D. E. Goldberg, and E. Cantu-Paz, Bayesian Optimization Algorithm, Population Sizing, and Time to Convergence, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 275–282, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[103] J. Gottlieb and G. R. Raidl, The Effects of Locality on the Dynamics of Decoder-Based Evolutionary Search, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 283–290, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[104] S. Kurahashi and T. Terano, A Genetic Algorithm with Tabu Search for Multimodal and Multiobjective Function Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 291–298, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[105] R. Cheng, M. Gen, and S. S. Oren, An Adaptive Hyperplane Approach for Multiple Objective Optimization Problems with Complex Constraints, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 299–306, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[106] T. Murata, H. Ishibuchi, and M. Gen, Cellular Genetic Local Search for Multi-Objective Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 307–314, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[107] R. Drechsler and W. Gunther, Evolutionary Synthesis of Multiplexor Circuits under Hardware Constraints, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 513–518, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[108] A. Nicholson, Evolution and Learning for Digital Circuit Design, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 519–524, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[109] B. Hounsell and T. Arslan, A Novel Evolvable Hardware Framework for the Evolution of High Performance Digital Circuits, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 525–532, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[110] T. Tanigawa and Q. Zhao, A Study on Efficient Generation of Decision Trees Using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1047–1052, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[111] E. Cantu-Paz and C. Kamath, Using Evolutionary Algorithms to Induce Oblique Decision Trees, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1053–1060, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[112] D. R. Carvalho and A. A. Freitas, A hybrid decision tree/genetic algorithm for coping with the problem of small disjuncts in data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1061–1068, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[113] D. J. Collins, A. Agah, A. S. Wu, and A. C. Schultz, The Effects of Team Size on the Evolution of Distributed Micro Air Vehicles, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 949–956, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[114] J. Urzelai and D. Floreano, Evolutionary Robotics: Coping with Environmental Change, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 941–948, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[115] S. Yamada, Evolutionary Design of Behaviors for Action-Based Environment Modeling by a Mobile Robot, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 957–964, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[116] M. Vazquez and D. Whitley, A Hybrid Genetic Algorithm for the Quadratic Assignment Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 135–142, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[117] S. Kazadi, D. Lee, R. Modi, J. Sy, and W. Lue, Levels of Compartmentalization in Artificial Evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 841–848, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[118] A. Simoes and E. Costa, Using Genetic Algorithms with Asexual Transposition, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 323–330, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[119] D. Merkle, M. Middendorf, and H. Schmeck, Ant Colony Optimization for Resource-Constrained Project Scheduling, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 893–900, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[120] K. Miyashita, Job-Shop Scheduling with Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 505–512, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[121] A. G. Pipe and B. Carse, Autonomous Acquisition of Fuzzy Rules for mobile Robot Control: First Results from two Evolutionary Computation Approaches, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 849–856, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[122] Y. Sato, Interactive Evolution of Adaptive Parameter for Speaker Verification Systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 742–749, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[123] J. L. House, A. Kain, and J. Hines, ESP - Metaphor for learning: an evolutionary algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 734–741, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[124] M.-C. Portmann and A. Vignier, Performances' study on crossover operators keeping good schemata for scheduling problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 331–338, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[125] F. Rothlauf, D. Goldberg, and A. Heinzl, Bad Codings and the Utility of Well-Designed Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 355–362, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[126] H. Ishibuchi and T. Nakashima, Multi-objective pattern and feature selection by genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, pages 1069–1076, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[127] K. Benson, D. Booth, J. Cubillo, and C. Reeves, Automatic Detection of Ships in Spaceborne SAR Imagery, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 767, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[128] A. Berlanga, P. Isasi, A. Sanchis, and J. M. Molina, Uniform Coevolution for Solving the density classification problem in Cellular Automata, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 383, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[129] J. Baghadadchi, A Classifier Based Learning Model for Intelligent Agents, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 870, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[130] E. B. i. Mansilla and J. M. G. i. Guiu, MOLeCS: A MultiObjective Learning Classifier System, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 390, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[131] C. A. Brizuela and N. Sannomiya, A Selection Scheme in Genetic Algorithms for a Complex Scheduling Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 1021, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[132] B. G. W. Craenen, A. E. Eiben, E. Marchiori, and A. G. Steenbeek, Combining Local Search and Fitness Function Adaptation in a GA for Solving Binary Constraint Satisfaction Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 381, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[133] P. D. Cuesta, J. C. Abderraman, J. A. Jimenez, and G. Winter, Practical Modeling of Simple Genetic Algorithm via deterministic paths by Absorbing Markov Chains, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 371, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[134] D. Devogelaere, P. Van Bael, and M. Rijckaert, Genetic Algorithm driven Clustering for Toxicity prediction, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 759, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[135] W. Edelson and M. L. Gargano, Feasible Encodings For GA Solutions of Constrained Minimal Spanning Tree Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 754, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[136] F. Fernandez, M. Tomassini, W. Punch, and J. M. Sanchez, Experimental Study of Isolated Multipopulation Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 536, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[137] E. Noda, A. A. Freitas, and H. S. Lopes, Comparing a Genetic Algorithm with a Rule Induction Algorithm in the Data Mining Task of Dependence Modeling, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 1080, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[138] H. Furutani, Study of Evolution in Genetic Algorithms by Eigen's Theory Including Crossover Operator, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 389, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[139] D. Grundler and T. Rolich, Qualitative visual presentation of evolution algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 805, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[140] M. Gen and G. Zhou, A Genetic Algorithm for the Mini-Max Spanning Forest Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 387, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[141] M. Hasse and A. R. Pozo, Using phenotypic sharing in a Classifier Tool, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 392, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[142] S.-Y. Ho and M.-H. Huang, An Efficient Quadratic Curve Approximation Using an Intelligent Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 766, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[143] J.-T. Horng, Y.-J. Chang, B.-J. Liu, and C.-Y. Kao, Materialized View Selection in a Data Warehouse Using Evolutionary Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 385, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[144] W. H. Hsu, M. Welge, T. Redman, and D. Clutter, Genetic Wrappers for Constructive Induction in High-Performance Data Mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 765, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[145] W. H. Hsu, Y. Cheng, H. Guo, and S. M. Gustafson, Genetic Algorithms for Reformulation of Large-Scaled KDD Problems with Many Irrelevant Attributes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 1081, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[146] Y.-J. Hu, Global Gene Expression Analysis with Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 753, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[147] C.-F. Huang, Independent Sampling Genetic Algorithms and the Applications, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 372, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[148] H.-D. Jin, K.-S. Leung, and M.-L. Wong, Designing an Expanded SOM for the Traveling Salesman Problem by Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 1079, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[149] H. Kargupta, Computation in Genetic Code-Like Transformations, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 937, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[150] D. Keymeulen, G. Klimeck, R. Zebulum, A. Stoica, and C. Salazar-Lazaro, EHWPack: a Parallel Software/Hardware Environment for Evolvable Hardware, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 538, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[151] H.-S. Kim and S.-B. Cho, Knowledge-based Encoding in Interactive Genetic Algorithm for a Fashion Design Aid System, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 757, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[152] J.-H. Kim and B.-R. Moon, Genetic Elevator Group Control, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 762, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[153] J. Kivijarvi, P. Franti, and O. Nevalainen, Efficient Clustering with a Self-Adaptive Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 377, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[154] C.-Y. Lee and E. K. Antonsson, Variable Length Genomes for Evolutionary Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 806, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[155] X. L. i. Fabrega and J. M. G. i. Guiu, Evolving Agent Aggregates using Cellular Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 868, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[156] Y. Maeda and S. Kawaguchi, Redundant Node Pruning and Adaptive Search Method for Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 535, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[157] D. Hussain and S. Malliaris, Evolutionary Techniques Applied to Hashing: An efficient data retrieval method, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 760, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[158] R. Mehrotra, C. L. Karr, and R. Bowersox, Airfoil Optimization Using Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 764, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[159] M. Miki, T. Hiroyasu, and M. Kaneko, A Parallel Genetic Algorithm with Distributed Environment Scheme, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 376, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[160] B. Al-Kazemi and C. K. Mohan, Solving Problems with Overlapping Building Blocks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 384, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[161] R. E. Moustafa, K. A. De Jong, and E. J. Wegman, A GA-Based Method For Function Approximation Using Adaptive Interpolation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 378, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[162] C. Munteanu and A. Rosa, Symmetrical Building Blocks and the Simple Inversion Operator, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 365, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[163] F. Neri, Modeling TCP/IP network traffic for intrusion detection by genetic evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 755, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[164] S. C. Ottner, Optimising Television Commercial Air-time by means of a Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 761, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[165] M. Pelikan and F. G. Lobo, Parameter-less Genetic Algorithm: A Worst-case Time and Space Complexity Analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 370, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[166] M. Peysakhov, V. Galinskaya, and W. C. Regli, Genetic Algorithms for Optimization of Lego Assemblies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 968, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[167] J. Poon, Initial Results with Coevolving Dominance Mapping, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 368, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[168] B. Rylander and J. Foster, GA-Hard Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 367, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[169] B. Rylander, T. Soule, J. Foster, and J. Alves-Foss, Quantum Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 373, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[170] C. M. Baydar and K. Saitou, A Genetic Programming Framework for Error Recovery in Robotic Assembly Systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 756, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[171] Y. Sakamoto and M. Kobayashi, Evaluation of the effects of noises by experiments using a mobile robot, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 386, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[172] L. Sammartino, M. Simonov, M. Soroldoni, and A. G. B. Tettamanzi, GAMUT: A system for customer modeling based on evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 758, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[173] R. Santana, A. Ochoa-Rodriguez, M. Soto, F. B. Pereira, P. Machado, E. Costa, and A. Cardoso, Probabilistic Evolution and the Busy Beaver Problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 380, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[174] H. Satoh, K. Uno, M. Kubo, and A. Namatame, The Role of Mimicry in Social Evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 871, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[175] T. Schubert, E. Mackensen, N. Drechsler, R. Drechsler, and B. Becker, Specialized Hardware for Implementation of Evolutionary Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 369, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[176] W. Seffens and D. Digby, Fitness Function Analysis of Biological Genetic Codes using an Evolutionary Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 867, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[177] H. Shimodaira, A Diversity Control Oriented Genetic Algorithm (DCGA): Performance in Function Optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 366, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[178] E. J. S. Pires and J. A. T. Machado, Trajectory Optimization for Redundant Robots Using Genetic Algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 967, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[179] H. Someya and M. Yamamura, Where should Children be Generated by Crossover Operator on Function Optimization?, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 382, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[180] J. Torres-Jimenez, E. Rodriguez-Tello, and J. C. Ruiz-Suarez, A Genetic Algorithm for Matrix Bandwith Reduction, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 388, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[181] A. Trenaman, Choosing the Right Number of Trials for a Minimal Simulation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 969, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[182] H.-K. Tsai, C.-Y. Kao, and J.-M. Yang, A Genetic Algorithm for Physical Mapping Problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 375, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[183] E. E. Vallejo and F. Ramos, Evolving Insect Locomotion using Non-uniform Cellular Automata, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 869, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[184] V. K. Vassilev and J. F. Miller, Embedding Landscape Neutrality to Build a Bridge from the Conventional to a More Efficient Three-bit Multiplier Circuit, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 539, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[185] E. Wilson, C. Karr, and S. Messimer, Genetic Algorithm Optimization of a Filament Winding Process Modeled in WITNESS, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 763, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[186] L. Yang and J. Yen, An Adaptive Simplex Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 379, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[187] M. Yasunaga, T. Nakamura, I. Yoshihara, and J. H. Kim, Kernel Optimization in Pattern Recognition Using a Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 391, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[188] H.-S. Yoon and B.-R. Moon, Synergy of Multiple Crossover Operators in a Genetic Algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 374, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.

[189] I. Yoshihara, T. Aoyama, and M. Yasunaga, A Fast Model-Building Method for Time Series Using Genetic Programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by D. Whitley, D. Goldberg, E. Cantu-Paz, L. Spector, I. Parmee, and H.-G. Beyer, page 537, Las Vegas, Nevada, USA, 10-12 July 2000, Morgan Kaufmann.