

Список литературы

- [1] Spector Lee, Goodman Erik D., Wu Annie, et al. , eds. *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (San Francisco, California, USA) Morgan Kaufmann 2001.
- [2] Sehitoglu Onur Tolga, Ucoluk Gokturk. A Building Block Favoring Reordering Method for Gene Positions in Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):571–575 Morgan Kaufmann 2001.
- [3] Miconi Thomas. A Collective Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):876–883 Morgan Kaufmann 2001.
- [4] Pei Huafeng, Goodman Erik. A Comparison of Cohort Genetic Algorithms with Canonical Serial and Island-Model Distributed GA's in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):501–510 Morgan Kaufmann 2001.
- [5] Vazquez Manuel. A Comparison of Genetic Algorithms and Tabu Search Techniques for the Resource-Constrained Project Scheduling Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):1185 Morgan Kaufmann 2001.
- [6] de Oliveira Alexandre Cesar Muniz, Lorena Luiz Antonio Nogueira. A Constructive Genetic Algorithm for the Linear Gate Assignment Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):756 Morgan Kaufmann 2001.
- [7] Aguilar Jose, Leiss Ernst L.. A Data Dependent Loop Scheduler Based on Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):1183 Morgan Kaufmann 2001.
- [8] Shimodaira Hisashi. A Diversity-Control-Oriented Genetic Algorithm (DCGA): Performance Improvement by the Reinitialization of the Population in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):576–583 Morgan Kaufmann 2001.
- [9] Kennedy Paul J., Osborn Thomas R.. A Double-Stranded Encoding Scheme with Inversion Operator for Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):398–407 Morgan Kaufmann 2001.
- [10] Santana Roberto, Ochoa-Rodriguez Alberto, Soto Marta R.. A Factorized Distribution Algorithm for problems with integer representation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):780 Morgan Kaufmann 2001.
- [11] Li Jingpeng, Kwan Raymond S. K.. A Fuzzy Theory Based Evolutionary Approach for Driver Scheduling in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):1152–1158 Morgan Kaufmann 2001.
- [12] Rhyne, II Robert D., Smith, III James F.. A Game Based Approach to Co-evolutionary Optimization in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.) (San Francisco, California, USA):908 Morgan Kaufmann 2001.

- [13] Soper Alan, Walshaw Chris. A Generational Scheme for Partitioning Graphs in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):607–614Morgan Kaufmann 2001.
- [14] Jiang Rui, Szeto K. Y., Luo Yupin, Hu Dongcheng. A Genetic Algorithm Architecture by Coordinating Exploration and Exploitation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):383–390Morgan Kaufmann 2001.
- [15] Determan John C., Foster James A.. A Genetic Algorithm for Expert System Rule Generation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):757Morgan Kaufmann 2001.
- [16] Wakabayashi Shin'ichi, Ohsako Masakazu. A Genetic Algorithm for Generating a Steiner Tree with Wire Sizing and Buffer Insertion in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1431–1438Morgan Kaufmann 2001.
- [17] Hingston Philip. A Genetic Algorithm for Regular Inference in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1299–1306Morgan Kaufmann 2001.
- [18] Pech-Gourg Nicolas, Hao Jin-Kao. A genetic algorithm for the classification of natural corks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1382–1388Morgan Kaufmann 2001.
- [19] Correa Elon Santos, Steiner Maria Teresinha A., Freitas Alex A., Carnieri Celso. A Genetic Algorithm for the P-Median Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1268–1275Morgan Kaufmann 2001.
- [20] Tsai Huai-Kuang, Yang Jinn-Moon, Kao Cheng-Yan. A Genetic Algorithm for Traveling Salesman Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):687–693Morgan Kaufmann 2001.
- [21] Soule Terence, Ball Amy E.. A Genetic Algorithm with Multiple Reading Frames in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):615–622Morgan Kaufmann 2001.
- [22] Barry Alwyn. A Hierarchical XCS for Long Path Environments in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):913–920Morgan Kaufmann 2001.
- [23] Poon Josiah, Prasher Sham. A Hybrid Approach to Support Interactive Data Mining in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):527–534Morgan Kaufmann 2001.
- [24] Potvin Jean-Yves, De Ladurantaye Daniel. A Hybrid Genetic Algorithm for the Generalized Traveling Salesman Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1167–1172Morgan Kaufmann 2001.
- [25] Kim Su-Hyang, Kim Yong-Hyuk, Moon Byung-Ro. A Hybrid Genetic Algorithm for the MAX CUT Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):416–423Morgan Kaufmann 2001.

- [26] Kim Jong-Pil, Moon Byung-Ro. A Hybrid Genetic Search for Multi-way Graph Partitioning Based on Direct Partitioning in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):408–415Morgan Kaufmann 2001.
- [27] Choi Sung-Soon, Moon Byung-Ro. A Hybrid Genetic Search for the Sorting Network Problem with Evolving Parallel Layers in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):258–265Morgan Kaufmann 2001.
- [28] Teich Tobias, Fischer Marco, Vogel Andre, Fischer Jens. A new Ant Colony Algorithm for the Job Shop Scheduling Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):803Morgan Kaufmann 2001.
- [29] Fernandez F., Sanchez J. M., Tomassini M.. A new methodology for the Placement and Routing problem based on PADGP in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):175Morgan Kaufmann 2001.
- [30] Miki Mitsunori, Hiroyasu Tomoyuki, Mizuta Takanori. A New Parallel Distributed Genetic Algorithm Applied to Traveling Salesman Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):772Morgan Kaufmann 2001.
- [31] Toshine Naoyoshi, Iwauchi Nobuyuki, Wakabayashi Shin'ichi, Koide Tetsushi, Nishimura Isao. A Parallel Genetic Algorithm with Adaptive Adjustment of Genetic Parameters in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):679–686Morgan Kaufmann 2001.
- [32] Goldberg David E., Sastry Kumara. A Practical Schema Theorem for Genetic Algorithm Design and Tuning in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):328–335Morgan Kaufmann 2001.
- [33] Montana David J.. A Reconfigurable Optimizing Scheduler in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1159–1166Morgan Kaufmann 2001.
- [34] Jensen Mikkel T.. A Remark on Solving Minimax Problems with Coevolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):769Morgan Kaufmann 2001.
- [35] Koizumi Shinya, Wakabayashi Shin'ichi, Koide Tetsushi, Fujiwara Kazunari, Imura Norimichi. A RISC Processor for High-Speed Execution of Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1338–1345Morgan Kaufmann 2001.
- [36] Espinoza Felipe P., Minsker Barbara S., Goldberg David E.. A Self Adaptive Hybrid Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):759Morgan Kaufmann 2001.
- [37] Abbass Hussein A.. A Single Queen Single Worker Honey-Bees Approach to 3-SAT in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):807–814Morgan Kaufmann 2001.

- [38] Braud Agnes, Vrain Christel. A Study of the Scalability of a Data Mining Genetic Algorithm on a Distributed Database in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):753Morgan Kaufmann 2001.
- [39] Luke Sean, Panait Liviu. A Survey and Comparison of Tree Generation Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):81–88Morgan Kaufmann 2001.
- [40] Poupaert Eric, Deville Yves. Acceptance Driven Local Search and Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1173–1180Morgan Kaufmann 2001.
- [41] Kim Jung-Hwan, Moon Byung-Ro. Adaptive and Dynamic Elevator Group Control with a Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1322–1329Morgan Kaufmann 2001.
- [42] Lee C.-Y., Antonsson E. K.. Adaptive Evolvability via Non-Coding Segment Induced Linkage in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):448–453Morgan Kaufmann 2001.
- [43] Downing Keith L.. Adaptive Genetic Programs via Reinforcement Learning in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):19–26Morgan Kaufmann 2001.
- [44] Keijzer M., Babovic V., Ryan C., O'Neill M., Cattolico M.. Adaptive Logic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):42–49Morgan Kaufmann 2001.
- [45] Elhadeif Mourad, Coley David A.. Adaptive Mutation for Semi-Separable Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):306–312Morgan Kaufmann 2001.
- [46] Gerard Pierre, Sigaud Olivier. Adding a Generalization Mechanism to YACS in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):951–957Morgan Kaufmann 2001.
- [47] Bot Martijn C. J., Urquhart Neil, Chisholm Ken. Agent Motion Planning with GAs Enhanced by Memory Models in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):227–234Morgan Kaufmann 2001.
- [48] Pesic Brankica, Durand Nicolas, Alliot Jean-Marc. Aircraft Ground Traffic Optimisation using a Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1397–1404Morgan Kaufmann 2001.
- [49] Kee Eric, Airey Sarah, Cyre Walling. An Adaptive Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):391–397Morgan Kaufmann 2001.
- [50] Huang Chien-Feng. An Analysis of Mate Selection in Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):766Morgan Kaufmann 2001.

- [51] Guntsch Michael, Middendorf Martin, Schmeck Hartmut. An Ant Colony Optimization Approach to Dynamic TSP in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):860–867Morgan Kaufmann 2001.
- [52] Parpinelli Rafael S., Lopes Heitor S., Freitas Alex A.. An Ant Colony Based System for Data Mining: Applications to Medical Data in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):791–797Morgan Kaufmann 2001.
- [53] Wiegand R. Paul, Liles William C., De Jong Kenneth A.. An Empirical Analysis of Collaboration Methods in Cooperative Coevolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1235–1242Morgan Kaufmann 2001.
- [54] van Hemert J. I., Jansen M. L. M.. An Engineering Approach to Evolutionary Art in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):177Morgan Kaufmann 2001.
- [55] Kim Jungwon, Bentley Peter J.. An Evaluation of Negative Selection in an Artificial Immune System for Network Intrusion Detection in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1330–1337Morgan Kaufmann 2001.
- [56] Congdon Clare Bates. An Exploration in Combatting Premature Convergence in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):755Morgan Kaufmann 2001.
- [57] Carvalho Deborah R., Freitas Alex A.. An immunological algorithm for discovering small-disjunct rules in data mining in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):904Morgan Kaufmann 2001.
- [58] Wu Annie S., Jin Shiyuan, Schiavone Guy, Lin Kuo-Chi. An incremental fitness function for partitioning parallel tasks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):733–740Morgan Kaufmann 2001.
- [59] Barbosa Helio J. C., Barreto Andre M. S.. An interactive genetic algorithm with co-evolution of weights for multiobjective problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):203–210Morgan Kaufmann 2001.
- [60] El-Maleh Aiman H., Sait Sadiq M., Shazli Syed Z.. An Iterative Heuristic for State Justification in Sequential Automatic Test Pattern Generation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1019–1025Morgan Kaufmann 2001.
- [61] Shibata Hajime, Fujii Nobuo. Analog Circuit Synthesis Based on Reuse of Topological Features of Prototype Circuits in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1205–1214Morgan Kaufmann 2001.
- [62] Butz Martin V., Pelikan Martin. Analyzing the Evolutionary Pressures in XCS in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):935–942Morgan Kaufmann 2001.
- [63] Aguilar Jose. Ant Colony Optimization in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):801Morgan Kaufmann 2001.

- [64] Mehrotra Rajiv, Karr Charles L., Zeiler Thomas A.. Application of Genetic Algorithm to Determining Worst-Case Gust Loads and the Dynamic Response of Aircraft Structures in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1451Morgan Kaufmann 2001.
- [65] Teich Tobias, Meier Horst, Schallner Harald. Application Service Providing for Shop Floor Scheduling in Non-Hierarchical Regional Production Networks using Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1455Morgan Kaufmann 2001.
- [66] Doerner Karl F., Hartl Richard F., Reimann Marc. Are COMPETants more competent for problem solving? - the case of a routing and scheduling problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):802Morgan Kaufmann 2001.
- [67] Spector Lee. Autoconstructive Evolution: Push, PushGP, and Pushpop in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):137–146Morgan Kaufmann 2001.
- [68] Streeter Matthew, Becker Lee A.. Automated Discovery of Numerical Approximation Formulae Via Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):147–154Morgan Kaufmann 2001.
- [69] Koza John R., Mydlowec William, Lanza Guido, Yu Jessen, Keane Martin A.. Automatic Synthesis of Both the Topology and Sizing of Metabolic Pathways using Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):57–65Morgan Kaufmann 2001.
- [70] Pelikan Martin, Goldberg David E., Sastry Kumara. Bayesian Optimization Algorithm, Decision Graphs, and Occam’s Razor in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):519–526Morgan Kaufmann 2001.
- [71] Nomura Tatsuya. Behavior Analysis of Real-Valued Evolutionary Algorithms for Independent Loci in an Infinite Population in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):774Morgan Kaufmann 2001.
- [72] Knowles Joshua D., Corne David W.. Benchmark Problem Generators and Results for the Multiobjective Degree-Constrained Minimum Spanning Tree Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):424–431Morgan Kaufmann 2001.
- [73] Hornby Gregory S., Pollack Jordan B.. Body-Brain Co-evolution Using L-systems as a Generative Encoding in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):868–875Morgan Kaufmann 2001.
- [74] Martin Peter. Building a Taxonomy of Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):182Morgan Kaufmann 2001.
- [75] Van Hoyweghen Clarissa, Goldberg David E., Naudts Bart. Building Block Superiority, Multimodality and Synchronization Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):694–701Morgan Kaufmann 2001.

- [76] Menon Anil. Building Blocks: A Combinatorial Road To Greed in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):477–484Morgan Kaufmann 2001.
- [77] Ortmann Matthias, Weber Wolfgang. Calculating Robot Trajectories with parallel Evolutionary Strategies in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1453Morgan Kaufmann 2001.
- [78] Booker Lashon B.. Classifier systems, endogenous fitness, and delayed rewards: A preliminary investigation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):921–926Morgan Kaufmann 2001.
- [79] Watson Richard A., Pollack Jordan B.. Coevolutionary Dynamics in a Minimal Substrate in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):702–709Morgan Kaufmann 2001.
- [80] Burke E. K., Cowling P., Silva J. D. Landa, Petrovic S.. Combining Hybrid Metaheuristics and Populations for the Multiobjective Optimisation of Space Allocation Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1252–1259Morgan Kaufmann 2001.
- [81] Paton Alfonso R.. Computing with Membranes: P Systems with DNA-worms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1016Morgan Kaufmann 2001.
- [82] Korkmaz Emin Erkan, Ucoluk Gokturk. Controlling the Genetic Programming Search in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):180Morgan Kaufmann 2001.
- [83] Arai Sachiyo, Sycara Katia. Credit Assignment Method for Learning Effective Stochastic Policies in Uncertain Domain in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):815–822Morgan Kaufmann 2001.
- [84] Bosman Peter A. N., Thierens Dirk. Crossing the Road to Efficient IDEAS for Permutation Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):219–226Morgan Kaufmann 2001.
- [85] Tomlinson Andy, Bull Larry. CXCS: Improvements and Corporate Generalization in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):966–973Morgan Kaufmann 2001.
- [86] Wright Alden H., Agapie Alexandru. Cyclic and Chaotic Behavior in Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):718–724Morgan Kaufmann 2001.
- [87] Portmann Marie-Claude, Aloulou Mohammed-Ali. Data oriented genetic operators for one-machine scheduling problems' in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1184Morgan Kaufmann 2001.

- [88] Reed Patrick M., Minsker Barbara S., Goldberg David E.. Designing A New Elitist Nondominated Sorted Genetic Algorithm For A Multiobjective Long Term Groundwater Monitoring Application in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1454Morgan Kaufmann 2001.
- [89] Chen Hung-Ming, Ho Shinn-Ying. Designing an Optimal Evolutionary Fuzzy Decision Tree for Data Mining in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):943–950Morgan Kaufmann 2001.
- [90] O'Neill Michael, Brabazon Tony, Ryan Conor, Collins J. J.. Developing a Market Timing System using Grammatical Evolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1375–1381Morgan Kaufmann 2001.
- [91] Mendes Roberto R. F., de B. Voznika Fabricio, Nievola Julio C., Freitas Alex A.. Discovering Fuzzy Classification Rules with Genetic Programming and Co-Evolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):183Morgan Kaufmann 2001.
- [92] Garzon Max H., Oehmen Chris. Distributed Virtual Test Tubes in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):997–1004Morgan Kaufmann 2001.
- [93] Deaton Russell. DNA and Quantum Computers in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):989–996Morgan Kaufmann 2001.
- [94] Sastry Kumara, Goldberg David E., Pelikan Martin. Don't Evaluate, Inherit in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):551–558Morgan Kaufmann 2001.
- [95] Jin Yaochu, Olhofer Markus, Sendhoff Bernhard. Dynamic Weighted Aggregation for Evolutionary Multi-Objective Optimization: Why Does It Work and How? in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1042–1049Morgan Kaufmann 2001.
- [96] van den Bergh F., Engelbrecht A. P.. Effects of Swarm Size on Cooperative Particle Swarm Optimisers in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):892–899Morgan Kaufmann 2001.
- [97] Albert Laura A., Goldberg David E.. Efficient Evaluation Relaxation Under Integrated Fitness Functions in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):751Morgan Kaufmann 2001.
- [98] Branke Jurgen, Schmidt Christian, Schmeck Hartmut. Efficient Fitness Estimation in Noisy Environments in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):243–250Morgan Kaufmann 2001.
- [99] Krasnogor Natalio, Smith Jim. Emergence of Profitable Search Strategies Based on a Simple Inheritance Mechanism in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):432–439Morgan Kaufmann 2001.

- [100] Nawa Norberto Eiji, Shimohara Katsunori, Katai Osamu. Equilibrium Selection in a Sequential Multi-issue Bargaining Model Using Evolutionary Algorithms: A Preliminary Study in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):906Morgan Kaufmann 2001.
- [101] Pelikan Martin, Goldberg David E.. Escaping Hierarchical Traps with Competent Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):511–518Morgan Kaufmann 2001.
- [102] Duan Minglei, Povinelli Richard J.. Estimating Stock Price Predictability Using Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):174Morgan Kaufmann 2001.
- [103] Huber Reinhold. Estimation of Mixture Parameters by a Hybrid GA/EM Method: Application to Radar Remote Sensing Data in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1449Morgan Kaufmann 2001.
- [104] Uchibe Eiji, Yanase Masakazu, Asada Minoru. Evolution for Behavior Selection Accelerated by Activation/Termination Constraints in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1122–1129Morgan Kaufmann 2001.
- [105] Gallagher John C.. Evolution of Dynamical Neural Network Arrays to Correct Arrhythmias in a Simulated Human Heart in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1189–1196Morgan Kaufmann 2001.
- [106] Keller Robert E., Banzhaf Wolfgang. Evolution of Genetic Code on a Hard Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):50–56Morgan Kaufmann 2001.
- [107] Miller Julian. Evolution of Program Size in Cartesian Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):184Morgan Kaufmann 2001.
- [108] Abou-Assaleh Tony, Zhang Jianna, Cercone Nick. Evolution of Recurrent Neural Networks to Control Autonomous Life Agents in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):903Morgan Kaufmann 2001.
- [109] Eriksson Anders, Lindgren Kristian. Evolution of strategies in repeated stochastic games with full information of the payoff matrix in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):853–859Morgan Kaufmann 2001.
- [110] Sbalzarini Ivo F., Muller Sibylle D., Koumoutsakos Petros D., Cottet G.-H.. Evolution Strategies for Computational and Experimental Fluid Dynamic Applications in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1064–1071Morgan Kaufmann 2001.
- [111] Huhse Jutta, Zell Andreas. Evolution Strategy with Neighborhood Attraction - A Robust Evolution Strategy in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1026–1033Morgan Kaufmann 2001.

- [112] Krink Thiemo, Ursem Rasmus K., Filipic Bogdan. Evolutionary Algorithms in Control Optimization: The Greenhouse Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):440–447Morgan Kaufmann 2001.
- [113] Dozier Gerry. Evolutionary Hill-Climbing, Virtual Constraints, and Recurrent Dynamic CSPs in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):758Morgan Kaufmann 2001.
- [114] Keymeulen Didier, Stoica Adrian, Buehler Martin, Zebulum Ricardo, Duong Vu. Evolutionary Mechanisms for Smart On-board Adaptive Sensing applied to the MECA Electrometer in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1197–1204Morgan Kaufmann 2001.
- [115] Pedrycz Witold, Reformat Marek. Evolutionary Optimization of Logic-Oriented Systems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1389–1396Morgan Kaufmann 2001.
- [116] Weinert Klaus, Surmann Tobias, Mehnen Jorn. Evolutionary Surface Reconstruction Using CSG-NURBS-Hybrids in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1456Morgan Kaufmann 2001.
- [117] French R. L. B., Damper R. I.. Evolving a Nervous System of Spiking Neurons for a Behaving Robot in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1099–1106Morgan Kaufmann 2001.
- [118] Soh Leen-Kiat, Tsatsoulis Costas, Jones Mara Elizabeth, Agah Arvin. Evolving Cases for Case-Based Reasoning Multiagent Negotiations in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):909Morgan Kaufmann 2001.
- [119] Dasgupta Dipankar, Gonzalez Fabio A.. Evolving Complex Fuzzy Classifier Rules Using a Linear Tree Genetic Representation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):299–305Morgan Kaufmann 2001.
- [120] Coelho Andre L. V., Weingaertner Daniel, Von Zuben Fernando J.. Evolving Heterogeneous Neural Networks for Classification Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):266–273Morgan Kaufmann 2001.
- [121] Bassett Jeffrey K., Wiegand R. Paul, De Jong Kenneth A.. Evolving Multi-Agent Behaviors Using a Tunable Problem Landscape in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1133Morgan Kaufmann 2001.
- [122] Bruce Joseph, Miikkulainen Risto. Evolving Populations of Expert Neural Networks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):251–257Morgan Kaufmann 2001.
- [123] Frey Clemens, Leugering Gunter. Evolving Strategies for Global Optimization - A Finite State Machine Approach in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):27–33Morgan Kaufmann 2001.

- [124] Fuhner Tim, Jacob Christian. EvolVision - an Evolvica visualization tool in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):176Morgan Kaufmann 2001.
- [125] Poli Riccardo, McPhee Nicholas Freitag. Exact Schema Theory for GP and Variable-length GAs with Homologous Crossover in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):104–111Morgan Kaufmann 2001.
- [126] Tan K. C., Khor E. F., Heng C. M., Lee T. H.. Exploratory Multi-Objective Evolutionary Algorithm: Performance Study and Comparisons in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):647–654Morgan Kaufmann 2001.
- [127] Goldbarg Marco Cesar, Gouvea Elizabeth Ferreira. Extra-Intracellular Transgenetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):762Morgan Kaufmann 2001.
- [128] Topchy Alexander, Punch W. F.. Faster Genetic Programming based on Local Gradient Search of Numeric Leaf Values in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):155–162Morgan Kaufmann 2001.
- [129] Imamura Kosuke, Foster James A.. Fault-Tolerant Computing with N-Version Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):178Morgan Kaufmann 2001.
- [130] Hernandez J. C., Ribagorda A., Isasi P., Sierra J. M.. Finding near optimal parameters for Linear Congruential Pseudorandom Number Generators by means of Evolutionary Computation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1292–1298Morgan Kaufmann 2001.
- [131] Dastani Mehdi, Marchiori Elena, Voorn Robert. Finding Perceived Pattern Structures using Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):3–10Morgan Kaufmann 2001.
- [132] Jensen Mikkel T.. Finding Worst-Case Flexible Schedules using Coevolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1144–1151Morgan Kaufmann 2001.
- [133] Seo Kisung, Goodman Erik D., Rosenberg Ronald C.. First Steps toward Automated Design of Mechatronic Systems Using Bond Graphs and Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):189Morgan Kaufmann 2001.
- [134] Vanyi Robert. Fitness Functions for Generated Binary Images in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):786Morgan Kaufmann 2001.
- [135] Enochs Brandon P., Wainwright Roger L.. Forging Optimal Solutions to the Edge-Coloring Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):313–319Morgan Kaufmann 2001.

- [136] Wilson Stewart W.. Function Approximation with a Classifier System in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):974–981Morgan Kaufmann 2001.
- [137] Soule Terence, Heckendorn Robert B.. Function Sets in Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):190Morgan Kaufmann 2001.
- [138] Handa Hisashi, Horiuchi Tadashi, Katai Osamu, Kaneko Takayuki, Konishi Tadataka, Baba Mitsuru. Fusion of Coevolutionary GA and Machine Learning Techniques Through Effective Schema Extraction in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):764Morgan Kaufmann 2001.
- [139] Aguilar Jose, Cerrada Mariela. Fuzzy Classifier System and Genetic Programming on System Identification Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1245–1251Morgan Kaufmann 2001.
- [140] Sait Sadiq M., Youssef Habib, Khan Junaid A.. Fuzzy Evolutionary Algorithm for VLSI Placement in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1056–1063Morgan Kaufmann 2001.
- [141] Qi Dehu, Sun Ron. GA-Based Multi-Agent Reinforcement Learning for Playing Backgammon in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):777Morgan Kaufmann 2001.
- [142] Pindor Andrzej J.. GA313 Genetic Algorithm for systems with 2D genotype in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):776Morgan Kaufmann 2001.
- [143] van Bragt D. D. B., La Poutre J. A.. Generating Efficient Automata for Negotiations - An Exploration with Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1093Morgan Kaufmann 2001.
- [144] Johnson Elizabeth L.. Genetic Algorithms as Algorithm Adversaries in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1314–1321Morgan Kaufmann 2001.
- [145] Tyni Tapio, Ylinen Jari. Genetic Algorithms in Elevator Car Routing Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1413–1422Morgan Kaufmann 2001.
- [146] Wright J. A., Farmani R.. Genetic Algorithms: A Fitness Formulation for Constrained Minimization in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):725–732Morgan Kaufmann 2001.
- [147] Schloman John, Blackford Ben. Genetic Programming Evolves a Human-Competitive Player for a Complex, On-line, Interactive, Multi-Player Game of Strategy in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):188Morgan Kaufmann 2001.
- [148] Langdon W. B., Buxton B. F.. Genetic Programming for Combining Classifiers in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):66–73Morgan Kaufmann 2001.

- [149] Howard Daniel, Roberts Simon C.. Genetic Programming solution of the convection-diffusion equation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):34–41Morgan Kaufmann 2001.
- [150] Nikolaev Nikolay, Iba Hitoshi. Genetic Programming using Chebishev Polynomials in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):89–96Morgan Kaufmann 2001.
- [151] Mao Jiangming, Hirasawa Kotaro, Hu Jinglu, Murata Junichi. Genetic Symbiosis Algorithm for Multiobjective Optimization Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):771Morgan Kaufmann 2001.
- [152] Jin Hui-Dong, Leung Kwong-Sak, Wong Man-Leung. Genetic-guided Model-based Clustering Analysis in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):770Morgan Kaufmann 2001.
- [153] Vanyi Robert, Kokai Gabriella. Giving Structural Descriptions of Tree-like Objects from Binary Images Using Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):163–172Morgan Kaufmann 2001.
- [154] Hartke Bernd. Global geometry optimization of atomic and molecular clusters by genetic algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1284–1291Morgan Kaufmann 2001.
- [155] O'Neill Michael, Ryan Conor, Nicolau Miguel. Grammar Defined Introns: An Investigation Into Grammars, Introns, and Bias in Grammatical Evolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):97–103Morgan Kaufmann 2001.
- [156] Globus Al, Lawton John, Wipke Todd. Graph Crossover in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):761Morgan Kaufmann 2001.
- [157] Liu Yong. How to Evolve a Cooperative Population by Minimizing Mutual Information in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1095Morgan Kaufmann 2001.
- [158] Butz Martin V., Kovacs Tim, Lanzi Pier Luca, Wilson Stewart W.. How XCS Evolves Accurate Classifiers in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):927–934Morgan Kaufmann 2001.
- [159] Lovbjerg Morten, Rasmussen Thomas Kiel, Krink Thiemo. Hybrid Particle Swarm Optimiser with Breeding and Subpopulations in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):469–476Morgan Kaufmann 2001.
- [160] Matsui Shouichi, Tokoro Ken. Improving the Performance of a Genetic Algorithm for Minimum Span Frequency Assignment Problem with an Adaptive Mutation Rate and a New Initialization Method in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1359–1366Morgan Kaufmann 2001.

- [161] Monsieurs Patrick, Flerackers Eddy. Increasing the diversity of a population in genetic programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):185Morgan Kaufmann 2001.
- [162] Aguirre Hernan E., Tanaka Kiyoshi, Oshita Shinjiro. Increasing the Robustness of Distributed Genetic Algorithms by Parallel Cooperative-Competitive Genetic Operators in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):195–202Morgan Kaufmann 2001.
- [163] Huang Chien-Feng. Independent Sampling Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):367–374Morgan Kaufmann 2001.
- [164] Tiwari Ashutosh, Roy Rajkumar, Jared Graham, Munaux Olivier. Interaction and Multi-objective Optimisation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):671–678Morgan Kaufmann 2001.
- [165] Berlanga A., Isasi P., Segovia J.. Interactive Evolutionary Computation with Small Population to Generate Gestures in Avatars in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):823–828Morgan Kaufmann 2001.
- [166] Divina Federico, Marchiori Elena. Knowledge Based Evolutionary Programming for Inductive Learning in First-Order Logic in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):173Morgan Kaufmann 2001.
- [167] Llorca Xavier, Garrell Josep M.. Knowledge-Independent Data Mining With Fine-Grained Parallel Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):461–468Morgan Kaufmann 2001.
- [168] Bousonville Thomas. Local Search and Evolutionary Computation for Arc Routing in Garbage Collection in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1137–1143Morgan Kaufmann 2001.
- [169] Poland Jan, Zell Andreas. Main Vector Adaptation: A CMA Variant with Linear Time and Space Complexity in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1050–1055Morgan Kaufmann 2001.
- [170] Poli Riccardo, Rowe Jonathan E., McPhee Nicholas Freitag. Markov Chain Models for GP and Variable-length GAs with Homologous Crossover in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):112–119Morgan Kaufmann 2001.
- [171] Belaidouni Meriema, Hao Jin-Kao. MAX-CSP and Fitness Landscapes in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):752Morgan Kaufmann 2001.
- [172] Lanzi Pier Luca. Mining Interesting Knowledge from Data with the XCS Classifier System in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):958–965Morgan Kaufmann 2001.
- [173] Huber Reinhold, Schell Thomas. Mixed Size Tournament Selection in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):767Morgan Kaufmann 2001.

- [174] Kosorukoff Alexander, Mittenthal Jay, Goldberg David. Modeling of Evolution of Signaling Networks in Living Cells by Evolutionary Computation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):905Morgan Kaufmann 2001.
- [175] Sastry Kumara, Goldberg David E.. Modeling Tournament Selection With Replacement Using Apparent Added Noise in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):781Morgan Kaufmann 2001.
- [176] Smith Jim. Modelling Gas with Self Adaptive Mutation Rates in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):599–606Morgan Kaufmann 2001.
- [177] Downing Keith L.. Modular Designer Chemistries for Artificial Life in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):845–852Morgan Kaufmann 2001.
- [178] Naudts Bart, Schoofs Luk, Verschoren Alain. Moments of Schema Fitness Distributions for Multary Alphabets in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):773Morgan Kaufmann 2001.
- [179] Goto Ryuji, Sato Yuji. Motion Analysis of Moving Objects with Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1276–1283Morgan Kaufmann 2001.
- [180] Chen Jian-Hung, Ho Shinn-Ying. Multi-Objective Evolutionary Optimization of Flexible Manufacturing Systems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1260–1267Morgan Kaufmann 2001.
- [181] Farhang-Mehr Ali, Azarm Shapour. Multi-Objective Genetic Algorithms With Concepts from Statistical Thermodynamics in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1075Morgan Kaufmann 2001.
- [182] Thierens Dirk, Bosman Peter A. N.. Multi-Objective Mixture-based Iterated Density Estimation Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):663–670Morgan Kaufmann 2001.
- [183] Lorenc Boris. Multidimensional Scaling Using Evolutionary Computation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1450Morgan Kaufmann 2001.
- [184] Moore Jason H., Hahn Lance W.. Multilocus Pattern Recognition using Cellular Automata and Parallel Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1452Morgan Kaufmann 2001.
- [185] Coello Carlos A., Pulido Gregorio Toscano. Multiobjective Optimization using a Micro-Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):274–282Morgan Kaufmann 2001.
- [186] Vrajitoru Dana. Nested Genetic Algorithms with Problem Division in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):787Morgan Kaufmann 2001.

- [187] Katagiri Hironobu, Hirasawa Kotaro, Hu Jinglu, Murata Junichi. Network Structure Oriented Evolutionary Model – Genetic Network Programming–and Its Comparison with in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):179Morgan Kaufmann 2001.
- [188] Ryan Conor, O'Neill Michael, Azad Atif. No Coercion and No Prohibition - A Position Independent Encoding Scheme for Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):187Morgan Kaufmann 2001.
- [189] Greene William A.. Non-Linear Bit Arrangements in Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):763Morgan Kaufmann 2001.
- [190] Tan K. C., Lee T. H., Khor E. F., Heng C. M., Khoo D.. Nonlinear Constraint Handling Technique via Angular Transformation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):655–662Morgan Kaufmann 2001.
- [191] Heckendorn Robert B.. Of Heisenberg and Epistasis in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):765Morgan Kaufmann 2001.
- [192] Wu Jin, Azarm Shapour. On a New Constraint Handling Technique for Multi-Objective Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):741–748Morgan Kaufmann 2001.
- [193] Simoes Anabela, Costa Ernesto. On Biologically Inspired Genetic Operators: Transformation in the Standard Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):584–591Morgan Kaufmann 2001.
- [194] Jain Brijnesh J., Pohlheim Hartmut, Wegener Joachim. On Termination Criteria of Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):768Morgan Kaufmann 2001.
- [195] Schmitt Florian, Rothlauf Franz. On the Importance of the Second Largest Eigenvalue on the Convergence Rate of Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):559–564Morgan Kaufmann 2001.
- [196] Denzinger Jorg, Kordt Michael. On the influence of learning time on evolutionary online learning of cooperative behavior in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):837–844Morgan Kaufmann 2001.
- [197] Goldberg David E., Sastry Kumara, Latoza Thomas. On The Supply Of Building Blocks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):336–342Morgan Kaufmann 2001.
- [198] Jansen Thomas, Wegener Ingo. On the Utility of Populations in Evolutionary Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1034–1041Morgan Kaufmann 2001.
- [199] Igel Christian, Kreutz Martin. Operator Adaptation in Structure Optimization of Neural Networks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1094Morgan Kaufmann 2001.

- [200] Gargano Michael L., Edelson William. Optimal Sequenced Matroid Bases Solved by GA's with Feasible Search Space Including Applications in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1447Morgan Kaufmann 2001.
- [201] Li Ying, Xin Xuemei, Kikuchi Noboru, Saitou Kazuhiro. Optimal shape and location of piezoelectric materials for topology optimization of flextensional actuators in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1085–1090Morgan Kaufmann 2001.
- [202] Anbarasu L. A., Sundararajan V., Narayanasamy P.. Parallel genetic algorithm for performance-driven sequence alignment in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1015Morgan Kaufmann 2001.
- [203] Noble Jason, Watson Richard A.. Pareto coevolution: Using performance against coevolved opponents in a game as dimensions for Pareto selection in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):493–500Morgan Kaufmann 2001.
- [204] Kwon Yung-Keun, Moon Byung-Ro. Personalized Email Marketing with a Genetic Programming Circuit Model in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1352–1358Morgan Kaufmann 2001.
- [205] Corne David W., Jerram Nick R., Knowles Joshua D., Oates Martin J.. PESA-II: Region-based Selection in Evolutionary Multiobjective Optimization in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):283–290Morgan Kaufmann 2001.
- [206] Belding Theodore C.. Potholes on the Royal Road in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):211–218Morgan Kaufmann 2001.
- [207] Schmiedle Frank, Drechsler Nicole, Grosse Daniel, Drechsler Rolf. Priorities in Multi-Objective Optimization for Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):129–136Morgan Kaufmann 2001.
- [208] Wiles Janet, Schulz Ruth, Hallinan Jennifer, Bolland Scott, Tonkes Bradley. Probing the Persistent Question Marks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):710–717Morgan Kaufmann 2001.
- [209] Sato Yuji. Proposal for a Register Transfer Level Evolution on a Microprocessor Incorporated Flash Memory in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1216Morgan Kaufmann 2001.
- [210] Fujimoto Yoshiji, Shimohara Katsunori. Proposal of Eco-Evolution in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):760Morgan Kaufmann 2001.
- [211] Michaud Steven R., Zydallis Jesse B., Lamont Gary B., Harmer Paul K., Pachter Ruth. Protein Structure Prediction with EA Immunological Computation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1367–1374Morgan Kaufmann 2001.

- [212] Gottlieb Jens, Julstrom Bryant A., Raidl Gunther R., , Rothlauf Franz. Prufer Numbers: A Poor Representation of Spanning Trees for Evolutionary Search in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):343–350Morgan Kaufmann 2001.
- [213] Rylander Bart, Soule Terry, Foster James, Alves-Foss Jim. Quantum Evolutionary Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1005–1011Morgan Kaufmann 2001.
- [214] Jansen Thomas, Wegener Ingo. Real Royal Road Functions - Where Crossover Provably Is Essential in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):375–382Morgan Kaufmann 2001.
- [215] Weinert Klaus, Stautner Marc. Reconstruction of Particle Flow Mechanisms with Symbolic Regression via Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1439–1443Morgan Kaufmann 2001.
- [216] de Jong Edwin D., Watson Richard A., Pollack Jordan B.. Reducing Bloat and Promoting Diversity using Multi-Objective Methods in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):11–18Morgan Kaufmann 2001.
- [217] Branke Jurgen. Reducing the Sampling Variance when Searching for Robust Solutions in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):235–242Morgan Kaufmann 2001.
- [218] Neri Filippo. Relating two cooperative learning strategies to the features of the found concept description in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):986Morgan Kaufmann 2001.
- [219] Gen Mitsuo, Lee ChangYoon. Reliability Optimization Design Using Hybrid NN-GA with Fuzzy Logic Controller in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1448Morgan Kaufmann 2001.
- [220] Bongard Josh C., Pfeifer Rolf. Repeated Structure and Dissociation of Genotypic and Phenotypic Complexity in Artificial Ontogeny in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):829–836Morgan Kaufmann 2001.
- [221] Suzuki Hideaki, Sawai Hidefumi. Schema Evolution Equation Using Quasi-schema Representation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):784Morgan Kaufmann 2001.
- [222] Vitrano James B., Povinelli Richard J.. Selecting Dimensions and Delay Values for a Time-Delay Embedding Using a Genetic Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1423–1430Morgan Kaufmann 2001.
- [223] Hart William E.. Self-Adaptive Evolutionary Pattern Search Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1076Morgan Kaufmann 2001.

- [224] Tsutsui Shigeyoshi, Goldberg David E., Sastry Kumara. Simplex Crossover and Linkage Learning in Real-Coded GAs in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):785Morgan Kaufmann 2001.
- [225] Cantu-Paz Erick. Single vs. Multiple Runs Under Constant Computation Cost in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):754Morgan Kaufmann 2001.
- [226] Kordon Arthur K., Smits Guido F.. Soft Sensor Development Using Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1346–1351Morgan Kaufmann 2001.
- [227] Jimenez J. A., Abderraman J. C., Cuesta P. D., , Winter G.. Solving Elliptical Partial Differential Equations in a NATURAL way in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1307–1313Morgan Kaufmann 2001.
- [228] Horng Jorng-Tzong, Jin Ming-Hui, Kao Cheng-Yan. Solving Fixed Channel Assignment Problems by An Evolutionary Approach in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):351–358Morgan Kaufmann 2001.
- [229] Stephens C. R.. Some Exact Results from a Coarse Grained Formulation of Genetic Dynamics in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):631–638Morgan Kaufmann 2001.
- [230] Patrignani Maurizio. Stability of Arbitrary Genes: a New Approach to Cooperation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):907Morgan Kaufmann 2001.
- [231] Craenen B. G. W., Eiben A. E.. Stepwise Adaption of Weights with Refinement and Decay on Constraint Satisfaction Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):291–298Morgan Kaufmann 2001.
- [232] Fu Chunsheng, Wilson Stewart W., Davis Lawrence. Studies of the XCSI Classifier System on a Data Mining Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):985Morgan Kaufmann 2001.
- [233] Furutani Hiroshi. Study of Crossover in One Max Problem by Linkage Analysis in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):320–327Morgan Kaufmann 2001.
- [234] Roberts Simon C., Howard Daniel, Koza John R.. Subtree encapsulation versus ADFs in GP for parity problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):186Morgan Kaufmann 2001.
- [235] Parthasarathy Prasanna V., Goldberg David E., Burns Scott A.. Tackling Multimodal Problems in Hybrid Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):775Morgan Kaufmann 2001.

- [236] Yeh Chia-Hsuan, Chen Shu-Heng. The Differences between Social and Individual Learning on the Time Series Properties: The Approach Based on Genetic Programming in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):191Morgan Kaufmann 2001.
- [237] Rowe Jonathan E., McPhee Nicholas Freitag. The effects of crossover and mutation operators on variable length linear structures in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):535–542Morgan Kaufmann 2001.
- [238] Ross Brian J.. The Evaluation of a Stochastic Regular Motif Language for Protein Sequences in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):120–128Morgan Kaufmann 2001.
- [239] Parker Gary B.. The Incremental Evolution of Gaits for Hexapod Robots in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1114–1121Morgan Kaufmann 2001.
- [240] Balling Richard, Wilson Scott. The Maximin Fitness Function for Multi-objective Evolutionary Computation: Application to City Planning in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1079–1084Morgan Kaufmann 2001.
- [241] Santana Roberto, Ochoa-Rodriguez Alberto, Soto Marta R.. The Mixture of Trees Factorized Distribution Algorithm in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):543–550Morgan Kaufmann 2001.
- [242] Schumacher C., Vose M. D., Whitley L. D.. The No Free Lunch and Problem Description Length in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):565–570Morgan Kaufmann 2001.
- [243] Roos Robert S.. The Patchy GA and Domination Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):779Morgan Kaufmann 2001.
- [244] Gao Yong, Culberson Joseph. The Phase Transition in NK Landscapes is Easy in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1227–1234Morgan Kaufmann 2001.
- [245] Riopka Terry P., Bock Peter. The Relevance of Genotypic Learning in the CLGA in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):778Morgan Kaufmann 2001.
- [246] Hsu William W., Hsu Ching-Chi. The Spontaneous Evolution Genetic Algorithm for Solving the Traveling Salesman Problem in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):359–366Morgan Kaufmann 2001.
- [247] Murata Tadahiko, Kawakami Shuhei, Nozawa Hiroyuki, Gen Mitsuo, Ishibuchi Hisao. Three-Objective Genetic Algorithms for Designing Compact Fuzzy Rule-Based Systems for Pattern Classification Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):485–492Morgan Kaufmann 2001.

- [248] Someya Hiroshi, Yamamura Masayuki. Toroidal Search Space Conversion for Robust Real-coded Genetic Algorithms in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):782Morgan Kaufmann 2001.
- [249] Ekman Magnus, Magnusson Andreas, Nordin Peter. Two Approaches for High-level Evolvable Hardware using Function Blocks in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1215Morgan Kaufmann 2001.
- [250] Pereira Francisco B., Costa Ernesto. Understanding the Role of Learning in the Evolution of Busy Beavers: a Comparison Between the Baldwin Effect and a Lamarckian Strategy in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):884–891Morgan Kaufmann 2001.
- [251] Rychtyckyj Nestor, Reynolds Robert G.. Using Cultural Algorithms to Improve Knowledge Base Maintainability in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1405–1412Morgan Kaufmann 2001.
- [252] Liu Xiaohui, Swift Stephen, Tucker Allan. Using Evolutionary Algorithms to Tackle Large Scale Grouping Problems in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):454–460Morgan Kaufmann 2001.
- [253] Tamaddoni-Nezhad Alireza, Muggleton Stephen. Using Genetic Algorithms for Learning Clauses in First-Order Logic in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):639–646Morgan Kaufmann 2001.
- [254] Soule Terence. Using Genetic Algorithms to Evolve Cooperative Teams in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):783Morgan Kaufmann 2001.
- [255] Oliveira Gina M. B., de Oliveira Pedro P. B., Omar Nizam. Using Heuristics Related to Cellular Automata Behavior Forecast to Improve Genetic Search for a Grouping Task in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):181Morgan Kaufmann 2001.
- [256] Sinha Abhishek, Goldberg David E.. Verification and Extension of the Theory of Global-Local Hybrids in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):592–598Morgan Kaufmann 2001.
- [257] Srivastava Ravi P., Goldberg David E.. Verification of the Theory of Genetic Algorithm Continuation in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):623–630Morgan Kaufmann 2001.
- [258] Martin Martin C.. Visual Obstacle Avoidance Using Genetic Programming: First Results in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1107–1113Morgan Kaufmann 2001.
- [259] Christensen Steffen, Oppacher Franz. What can we learn from No Free Lunch? A First Attempt to Characterize the Concept of a Searchable Function in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):1219–1226Morgan Kaufmann 2001.

- [260] Luke Sean. When Short Runs Beat Long Runs in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* (Spector Lee, Goodman Erik D., Wu Annie, et al. , eds.)(San Francisco, California, USA):74–80Morgan Kaufmann 2001.