

Список литературы

- [1] Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)* San Francisco, California, USA (7-11 July, 2001) Morgan Kaufmann.
- [2] Sehitoglu, O. T. and Ucoluk, G. (7-11 July, 2001) A Building Block Favoring Reordering Method for Gene Positions in Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 571–575.
- [3] Miconi, T. (7-11 July, 2001) A Collective Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 876–883.
- [4] Pei, H. and Goodman, E. (7-11 July, 2001) A Comparison of Cohort Genetic Algorithms with Canonical Serial and Island-Model Distributed GA's. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 501–510.
- [5] Vazquez, M. (7-11 July, 2001) A Comparison of Genetic Algorithms and Tabu Search Techniques for the Resource-Constrained Project Scheduling Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1185.
- [6] de Oliveira, A. C. M. and Lorena, L. A. N. (7-11 July, 2001) A Constructive Genetic Algorithm for the Linear Gate Assignment Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 756.
- [7] Aguilar, J. and Leiss, E. L. (7-11 July, 2001) A Data Dependent Loop Scheduler Based on Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1183.
- [8] Shimodaira, H. (7-11 July, 2001) A Diversity-Control-Oriented Genetic Algorithm (DCGA): Performance Improvement by the Reinitialization of the Population. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 576–583.
- [9] Kennedy, P. J. and Osborn, T. R. (7-11 July, 2001) A Double-Stranded Encoding Scheme with Inversion Operator for Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 398–407.
- [10] Santana, R., Ochoa-Rodriguez, A., and Soto, M. R. (7-11 July, 2001) A Factorized Distribution Algorithm for problems with integer representation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 780.

- [11] Li, J. and Kwan, R. S. K. (7-11 July, 2001) A Fuzzy Theory Based Evolutionary Approach for Driver Scheduling. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1152–1158.
- [12] Rhyne, II, R. D. and Smith, III, J. F. (7-11 July, 2001) A Game Based Approach to Co-evolutionary Optimization. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 908.
- [13] Soper, A. and Walshaw, C. (7-11 July, 2001) A Generational Scheme for Partitioning Graphs. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 607–614.
- [14] Jiang, R., Szeto, K. Y., Luo, Y., and Hu, D. (7-11 July, 2001) A Genetic Algorithm Architecture by Coordinating Exploration and Exploitation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 383–390.
- [15] Determan, J. C. and Foster, J. A. (7-11 July, 2001) A Genetic Algorithm for Expert System Rule Generation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 757.
- [16] Wakabayashi, S. and Ohsako, M. (7-11 July, 2001) A Genetic Algorithm for Generating a Steiner Tree with Wire Sizing and Buffer Insertion. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1431–1438.
- [17] Hingston, P. (7-11 July, 2001) A Genetic Algorithm for Regular Inference. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1299–1306.
- [18] Pech-Gourg, N. and Hao, J.-K. (7-11 July, 2001) A genetic algorithm for the classification of natural corks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1382–1388.
- [19] Correa, E. S., Steiner, M. T. A., Freitas, A. A., and Carnieri, C. (7-11 July, 2001) A Genetic Algorithm for the P-Median Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1268–1275.
- [20] Tsai, H.-K., Yang, J.-M., and Kao, C.-Y. (7-11 July, 2001) A Genetic Algorithm for Traveling Salesman Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 687–693.

- [21] Soule, T. and Ball, A. E. (7-11 July, 2001) A Genetic Algorithm with Multiple Reading Frames. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 615–622.
- [22] Barry, A. (7-11 July, 2001) A Hierarchical XCS for Long Path Environments. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 913–920.
- [23] Poon, J. and Prasher, S. (7-11 July, 2001) A Hybrid Approach to Support Interactive Data Mining. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 527–534.
- [24] Potvin, J.-Y. and De Ladurantaye, D. (7-11 July, 2001) A Hybrid Genetic Algorithm for the Generalized Traveling Salesman Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1167–1172.
- [25] Kim, S.-H., Kim, Y.-H., and Moon, B.-R. (7-11 July, 2001) A Hybrid Genetic Algorithm for the MAX CUT Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 416–423.
- [26] Kim, J.-P. and Moon, B.-R. (7-11 July, 2001) A Hybrid Genetic Search for Multi-way Graph Partitioning Based on Direct Partitioning. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 408–415.
- [27] Choi, S.-S. and Moon, B.-R. (7-11 July, 2001) A Hybrid Genetic Search for the Sorting Network Problem with Evolving Parallel Layers. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 258–265.
- [28] Teich, T., Fischer, M., Vogel, A., and Fischer, J. (7-11 July, 2001) A new Ant Colony Algorithm for the Job Shop Scheduling Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 803.
- [29] Fernandez, F., Sanchez, J. M., and Tomassini, M. (7-11 July, 2001) A new methodology for the Placement and Routing problem based on PADGP. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 175.
- [30] Miki, M., Hiroyasu, T., and Mizuta, T. (7-11 July, 2001) A New Parallel Distributed Genetic Algorithm Applied to Traveling Salesman Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 772.

- [31] Toshine, N., Iwachi, N., Wakabayashi, S., Koide, T., and Nishimura, I. (7-11 July, 2001) A Parallel Genetic Algorithm with Adaptive Adjustment of Genetic Parameters. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 679–686.
- [32] Goldberg, D. E. and Sastry, K. (7-11 July, 2001) A Practical Schema Theorem for Genetic Algorithm Design and Tuning. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 328–335.
- [33] Montana, D. J. (7-11 July, 2001) A Reconfigurable Optimizing Scheduler. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1159–1166.
- [34] Jensen, M. T. (7-11 July, 2001) A Remark on Solving Minimax Problems with Coevolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 769.
- [35] Koizumi, S., Wakabayashi, S., Koide, T., Fujiwara, K., and Imura, N. (7-11 July, 2001) A RISC Processor for High-Speed Execution of Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1338–1345.
- [36] Espinoza, F. P., Minsker, B. S., and Goldberg, D. E. (7-11 July, 2001) A Self Adaptive Hybrid Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 759.
- [37] Abbass, H. A. (7-11 July, 2001) A Single Queen Single Worker Honey-Bees Approach to 3-SAT. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 807–814.
- [38] Braud, A. and Vrain, C. (7-11 July, 2001) A Study of the Scalability of a Data Mining Genetic Algorithm on a Distributed Database. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 753.
- [39] Luke, S. and Panait, L. (7-11 July, 2001) A Survey and Comparison of Tree Generation Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 81–88.
- [40] Poupaert, E. and Deville, Y. (7-11 July, 2001) Acceptance Driven Local Search and Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1173–1180.

- [41] Kim, J.-H. and Moon, B.-R. (7-11 July, 2001) Adaptive and Dynamic Elevator Group Control with a Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1322–1329.
- [42] Lee, C.-Y. and Antonsson, E. K. (7-11 July, 2001) Adaptive Evolvability via Non-Coding Segment Induced Linkage. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 448–453.
- [43] Downing, K. L. (7-11 July, 2001) Adaptive Genetic Programs via Reinforcement Learning. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 19–26.
- [44] Keijzer, M., Babovic, V., Ryan, C., O'Neill, M., and Cattolico, M. (7-11 July, 2001) Adaptive Logic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 42–49.
- [45] Elhadeif, M. and Coley, D. A. (7-11 July, 2001) Adaptive Mutation for Semi-Separable Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 306–312.
- [46] Gerard, P. and Sigaud, O. (7-11 July, 2001) Adding a Generalization Mechanism to YACS. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 951–957.
- [47] Bot, M. C. J., Urquhart, N., and Chisholm, K. (7-11 July, 2001) Agent Motion Planning with GAs Enhanced by Memory Models. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 227–234.
- [48] Pesic, B., Durand, N., and Alliot, J.-M. (7-11 July, 2001) Aircraft Ground Traffic Optimisation using a Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1397–1404.
- [49] Kee, E., Airey, S., and Cyre, W. (7-11 July, 2001) An Adaptive Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 391–397.
- [50] Huang, C.-F. (7-11 July, 2001) An Analysis of Mate Selection in Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 766.

- [51] Guntsch, M., Middendorf, M., and Schmeck, H. (7-11 July, 2001) An Ant Colony Optimization Approach to Dynamic TSP. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 860–867.
- [52] Parpinelli, R. S., Lopes, H. S., and Freitas, A. A. (7-11 July, 2001) An Ant Colony Based System for Data Mining: Applications to Medical Data. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 791–797.
- [53] Wiegand, R. P., Liles, W. C., and De Jong, K. A. (7-11 July, 2001) An Empirical Analysis of Collaboration Methods in Cooperative Coevolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1235–1242.
- [54] van Hemert, J. I. and Jansen, M. L. M. (7-11 July, 2001) An Engineering Approach to Evolutionary Art. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 177.
- [55] Kim, J. and Bentley, P. J. (7-11 July, 2001) An Evaluation of Negative Selection in an Artificial Immune System for Network Intrusion Detection. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1330–1337.
- [56] Congdon, C. B. (7-11 July, 2001) An Exploration in Combatting Premature Convergence. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 755.
- [57] Carvalho, D. R. and Freitas, A. A. (7-11 July, 2001) An immunological algorithm for discovering small-disjunct rules in data mining. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 904.
- [58] Wu, A. S., Jin, S., Schiavone, G., and Lin, K.-C. (7-11 July, 2001) An incremental fitness function for partitioning parallel tasks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 733–740.
- [59] Barbosa, H. J. C. and Barreto, A. M. S. (7-11 July, 2001) An interactive genetic algorithm with co-evolution of weights for multiobjective problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 203–210.
- [60] El-Maleh, A. H., Sait, S. M., and Shazli, S. Z. (7-11 July, 2001) An Iterative Heuristic for State Justification in Sequential Automatic Test Pattern Generation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1019–1025.

- [61] Shibata, H. and Fujii, N. (7-11 July, 2001) Analog Circuit Synthesis Based on Reuse of Topological Features of Prototype Circuits. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1205–1214.
- [62] Butz, M. V. and Pelikan, M. (7-11 July, 2001) Analyzing the Evolutionary Pressures in XCS. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 935–942.
- [63] Aguilar, J. (7-11 July, 2001) Ant Colony Optimization. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 801.
- [64] Mehrotra, R., Karr, C. L., and Zeiler, T. A. (7-11 July, 2001) Application of Genetic Algorithm to Determining Worst-Case Gust Loads and the Dynamic Response of Aircraft Structures. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1451.
- [65] Teich, T., Meier, H., and Schallner, H. (7-11 July, 2001) Application Service Providing for Shop Floor Scheduling in Non-Hierarchical Regional Production Networks using Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1455.
- [66] Doerner, K. F., Hartl, R. F., and Reimann, M. (7-11 July, 2001) Are COMPETants more competent for problem solving? - the case of a routing and scheduling problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 802.
- [67] Spector, L. (7-11 July, 2001) Autoconstructive Evolution: Push, PushGP, and Pushpop. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 137–146.
- [68] Streeter, M. and Becker, L. A. (7-11 July, 2001) Automated Discovery of Numerical Approximation Formulae Via Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 147–154.
- [69] Koza, J. R., Mydlowec, W., Lanza, G., Yu, J., and Keane, M. A. (7-11 July, 2001) Automatic Synthesis of Both the Topology and Sizing of Metabolic Pathways using Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 57–65.
- [70] Pelikan, M., Goldberg, D. E., and Sastry, K. (7-11 July, 2001) Bayesian Optimization Algorithm, Decision Graphs, and Occam’s Razor. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 519–526.

- [71] Nomura, T. (7-11 July, 2001) Behavior Analysis of Real-Valued Evolutionary Algorithms for Independent Loci in an Infinite Population. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 774.
- [72] Knowles, J. D. and Corne, D. W. (7-11 July, 2001) Benchmark Problem Generators and Results for the Multiobjective Degree-Constrained Minimum Spanning Tree Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 424–431.
- [73] Hornby, G. S. and Pollack, J. B. (7-11 July, 2001) Body-Brain Co-evolution Using L-systems as a Generative Encoding. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 868–875.
- [74] Martin, P. (7-11 July, 2001) Building a Taxonomy of Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 182.
- [75] Van Hoyweghen, C., Goldberg, D. E., and Naudts, B. (7-11 July, 2001) Building Block Superiority, Multimodality and Synchronization Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 694–701.
- [76] Menon, A. (7-11 July, 2001) Building Blocks: A Combinatorial Road To Greed. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 477–484.
- [77] Ortmann, M. and Weber, W. (7-11 July, 2001) Calculating Robot Trajectories with parallel Evolutionary Strategies. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1453.
- [78] Booker, L. B. (7-11 July, 2001) Classifier systems, endogenous fitness, and delayed rewards: A preliminary investigation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 921–926.
- [79] Watson, R. A. and Pollack, J. B. (7-11 July, 2001) Coevolutionary Dynamics in a Minimal Substrate. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 702–709.
- [80] Burke, E. K., Cowling, P., Silva, J. D. L., and Petrovic, S. (7-11 July, 2001) Combining Hybrid Metaheuristics and Populations for the Multiobjective Optimisation of Space Allocation Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1252–1259.

- [81] Paton, A. R. (7-11 July, 2001) Computing with Membranes: P Systems with DNA-worms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1016.
- [82] Korkmaz, E. E. and Ucoluk, G. (7-11 July, 2001) Controlling the Genetic Programming Search. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 180.
- [83] Arai, S. and Sycara, K. (7-11 July, 2001) Credit Assignment Method for Learning Effective Stochastic Policies in Uncertain Domain. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 815–822.
- [84] Bosman, P. A. N. and Thierens, D. (7-11 July, 2001) Crossing the Road to Efficient IDEAS for Permutation Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 219–226.
- [85] Tomlinson, A. and Bull, L. (7-11 July, 2001) CXCS: Improvements and Corporate Generalization. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 966–973.
- [86] Wright, A. H. and Agapie, A. (7-11 July, 2001) Cyclic and Chaotic Behavior in Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 718–724.
- [87] Portmann, M.-C. and Aloulou, M.-A. (7-11 July, 2001) Data oriented genetic operators for one-machine scheduling problems'. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1184.
- [88] Reed, P. M., Minsker, B. S., and Goldberg, D. E. (7-11 July, 2001) Designing A New Elitist Nondominated Sorted Genetic Algorithm For A Multiobjective Long Term Groundwater Monitoring Application. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1454.
- [89] Chen, H.-M. and Ho, S.-Y. (7-11 July, 2001) Designing an Optimal Evolutionary Fuzzy Decision Tree for Data Mining. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 943–950.
- [90] O'Neill, M., Brabazon, T., Ryan, C., and Collins, J. J. (7-11 July, 2001) Developing a Market Timing System using Grammatical Evolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1375–1381.

- [91] Mendes, R. R. F., de B. Voznika, F., Nievola, J. C., and Freitas, A. A. (7-11 July, 2001) Discovering Fuzzy Classification Rules with Genetic Programming and Co-Evolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 183.
- [92] Garzon, M. H. and Oehmen, C. (7-11 July, 2001) Distributed Virtual Test Tubes. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 997–1004.
- [93] Deaton, R. (7-11 July, 2001) DNA and Quantum Computers. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 989–996.
- [94] Sastry, K., Goldberg, D. E., and Pelikan, M. (7-11 July, 2001) Don't Evaluate, Inherit. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 551–558.
- [95] Jin, Y., Olhofer, M., and Sendhoff, B. (7-11 July, 2001) Dynamic Weighted Aggregation for Evolutionary Multi-Objective Optimization: Why Does It Work and How?. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1042–1049.
- [96] van den Bergh, F. and Engelbrecht, A. P. (7-11 July, 2001) Effects of Swarm Size on Cooperative Particle Swarm Optimisers. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 892–899.
- [97] Albert, L. A. and Goldberg, D. E. (7-11 July, 2001) Efficient Evaluation Relaxation Under Integrated Fitness Functions. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 751.
- [98] Branke, J., Schmidt, C., and Schmeck, H. (7-11 July, 2001) Efficient Fitness Estimation in Noisy Environments. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 243–250.
- [99] Krasnogor, N. and Smith, J. (7-11 July, 2001) Emergence of Profitable Search Strategies Based on a Simple Inheritance Mechanism. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 432–439.
- [100] Nawa, N. E., Shimohara, K., and Katai, O. (7-11 July, 2001) Equilibrium Selection in a Sequential Multi-issue Bargaining Model Using Evolutionary Algorithms: A Preliminary Study. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 906.

- [101] Pelikan, M. and Goldberg, D. E. (7-11 July, 2001) Escaping Hierarchical Traps with Competent Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 511–518.
- [102] Duan, M. and Povinelli, R. J. (7-11 July, 2001) Estimating Stock Price Predictability Using Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 174.
- [103] Huber, R. (7-11 July, 2001) Estimation of Mixture Parameters by a Hybrid GA/EM Method: Application to Radar Remote Sensing Data. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1449.
- [104] Uchibe, E., Yanase, M., and Asada, M. (7-11 July, 2001) Evolution for Behavior Selection Accelerated by Activation/Termination Constraints. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1122–1129.
- [105] Gallagher, J. C. (7-11 July, 2001) Evolution of Dynamical Neural Network Arrays to Correct Arrhythmias in a Simulated Human Heart. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1189–1196.
- [106] Keller, R. E. and Banzhaf, W. (7-11 July, 2001) Evolution of Genetic Code on a Hard Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 50–56.
- [107] Miller, J. (7-11 July, 2001) Evolution of Program Size in Cartesian Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 184.
- [108] Abou-Assaleh, T., Zhang, J., and Cercone, N. (7-11 July, 2001) Evolution of Recurrent Neural Networks to Control Autonomous Life Agents. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 903.
- [109] Eriksson, A. and Lindgren, K. (7-11 July, 2001) Evolution of strategies in repeated stochastic games with full information of the payoff matrix. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 853–859.
- [110] Sbalzarini, I. F., Muller, S. D., Koumoutsakos, P. D., and Cottet, G.-H. (7-11 July, 2001) Evolution Strategies for Computational and Experimental Fluid Dynamic Applications. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1064–1071.

- [111] Huhse, J. and Zell, A. (7-11 July, 2001) Evolution Strategy with Neighborhood Attraction - A Robust Evolution Strategy. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1026–1033.
- [112] Krink, T., Ursem, R. K., and Filipic, B. (7-11 July, 2001) Evolutionary Algorithms in Control Optimization: The Greenhouse Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 440–447.
- [113] Dozier, G. (7-11 July, 2001) Evolutionary Hill-Climbing, Virtual Constraints, and Recurrent Dynamic CSPs. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 758.
- [114] Keymeulen, D., Stoica, A., Buehler, M., Zebulum, R., and Duong, V. (7-11 July, 2001) Evolutionary Mechanisms for Smart On-board Adaptive Sensing applied to the MECA Electrometer. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1197–1204.
- [115] Pedrycz, W. and Reformat, M. (7-11 July, 2001) Evolutionary Optimization of Logic-Oriented Systems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1389–1396.
- [116] Weinert, K., Surmann, T., and Mehnen, J. (7-11 July, 2001) Evolutionary Surface Reconstruction Using CSG-NURBS-Hybrids. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1456.
- [117] French, R. L. B. and Damper, R. I. (7-11 July, 2001) Evolving a Nervous System of Spiking Neurons for a Behaving Robot. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1099–1106.
- [118] Soh, L.-K., Tsatsoulis, C., Jones, M. E., and Agah, A. (7-11 July, 2001) Evolving Cases for Case-Based Reasoning Multiagent Negotiations. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 909.
- [119] Dasgupta, D. and Gonzalez, F. A. (7-11 July, 2001) Evolving Complex Fuzzy Classifier Rules Using a Linear Tree Genetic Representation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 299–305.
- [120] Coelho, A. L. V., Weingaertner, D., and Von Zuben, F. J. (7-11 July, 2001) Evolving Heterogeneous Neural Networks for Classification Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 266–273.

- [121] Bassett, J. K., Wiegand, R. P., and De Jong, K. A. (7-11 July, 2001) Evolving Multi-Agent Behaviors Using a Tunable Problem Landscape. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1133.
- [122] Bruce, J. and Miikkulainen, R. (7-11 July, 2001) Evolving Populations of Expert Neural Networks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 251–257.
- [123] Frey, C. and Leugering, G. (7-11 July, 2001) Evolving Strategies for Global Optimization - A Finite State Machine Approach. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 27–33.
- [124] Fuhner, T. and Jacob, C. (7-11 July, 2001) EvolVision - an Evolvica visualization tool. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 176.
- [125] Poli, R. and McPhee, N. F. (7-11 July, 2001) Exact Schema Theory for GP and Variable-length GAs with Homologous Crossover. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 104–111.
- [126] Tan, K. C., Khor, E. F., Heng, C. M., and Lee, T. H. (7-11 July, 2001) Exploratory Multi-Objective Evolutionary Algorithm: Performance Study and Comparisons. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 647–654.
- [127] Goldberg, M. C. and Gouvea, E. F. (7-11 July, 2001) Extra-Intracellular Transgenetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 762.
- [128] Topchy, A. and Punch, W. F. (7-11 July, 2001) Faster Genetic Programming based on Local Gradient Search of Numeric Leaf Values. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 155–162.
- [129] Imamura, K. and Foster, J. A. (7-11 July, 2001) Fault-Tolerant Computing with N-Version Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 178.
- [130] Hernandez, J. C., Ribagorda, A., Isasi, P., and Sierra, J. M. (7-11 July, 2001) Finding near optimal parameters for Linear Congruential Pseudorandom Number Generators by means of Evolutionary Computation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1292–1298.

- [131] Dastani, M., Marchiori, E., and Voorn, R. (7-11 July, 2001) Finding Perceived Pattern Structures using Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 3–10.
- [132] Jensen, M. T. (7-11 July, 2001) Finding Worst-Case Flexible Schedules using Coevolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1144–1151.
- [133] Seo, K., Goodman, E. D., and Rosenberg, R. C. (7-11 July, 2001) First Steps toward Automated Design of Mechatronic Systems Using Bond Graphs and Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 189.
- [134] Vanyi, R. (7-11 July, 2001) Fitness Functions for Generated Binary Images. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 786.
- [135] Enochs, B. P. and Wainwright, R. L. (7-11 July, 2001) Forging Optimal Solutions to the Edge-Coloring Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 313–319.
- [136] Wilson, S. W. (7-11 July, 2001) Function Approximation with a Classifier System. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 974–981.
- [137] Soule, T. and Heckendorn, R. B. (7-11 July, 2001) Function Sets in Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 190.
- [138] Handa, H., Horiuchi, T., Katai, O., Kaneko, T., Konishi, T., and Baba, M. (7-11 July, 2001) Fusion of Coevolutionary GA and Machine Learning Techniques Through Effective Schema Extraction. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 764.
- [139] Aguilar, J. and Cerrada, M. (7-11 July, 2001) Fuzzy Classifier System and Genetic Programming on System Identification Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1245–1251.
- [140] Sait, S. M., Youssef, H., and Khan, J. A. (7-11 July, 2001) Fuzzy Evolutionary Algorithm for VLSI Placement. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1056–1063.

- [141] Qi, D. and Sun, R. (7-11 July, 2001) GA-Based Multi-Agent Reinforcement Learning for Playing Backgammon. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 777.
- [142] Pindor, A. J. (7-11 July, 2001) GA313 Genetic Algorithm for systems with 2D genotype. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 776.
- [143] van Bragt, D. D. B. and La Poutre, J. A. (7-11 July, 2001) Generating Efficient Automata for Negotiations - An Exploration with Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1093.
- [144] Johnson, E. L. (7-11 July, 2001) Genetic Algorithms as Algorithm Adversaries. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1314–1321.
- [145] Tyni, T. and Ylinen, J. (7-11 July, 2001) Genetic Algorithms in Elevator Car Routing Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1413–1422.
- [146] Wright, J. A. and Farmani, R. (7-11 July, 2001) Genetic Algorithms: A Fitness Formulation for Constrained Minimization. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 725–732.
- [147] Schloman, J. and Blackford, B. (7-11 July, 2001) Genetic Programming Evolves a Human-Competitive Player for a Complex, On-line, Interactive, Multi-Player Game of Strategy. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 188.
- [148] Langdon, W. B. and Buxton, B. F. (7-11 July, 2001) Genetic Programming for Combining Classifiers. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 66–73.
- [149] Howard, D. and Roberts, S. C. (7-11 July, 2001) Genetic Programming solution of the convection-diffusion equation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 34–41.
- [150] Nikolaev, N. and Iba, H. (7-11 July, 2001) Genetic Programming using Chebishev Polynomials. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 89–96.

- [151] Mao, J., Hirasawa, K., Hu, J., and Murata, J. (7-11 July, 2001) Genetic Symbiosis Algorithm for Multiobjective Optimization Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 771.
- [152] Jin, H.-D., Leung, K.-S., and Wong, M.-L. (7-11 July, 2001) Genetic-guided Model-based Clustering Analysis. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 770.
- [153] Vanyi, R. and Kokai, G. (7-11 July, 2001) Giving Structural Descriptions of Tree-like Objects from Binary Images Using Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 163–172.
- [154] Hartke, B. (7-11 July, 2001) Global geometry optimization of atomic and molecular clusters by genetic algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1284–1291.
- [155] O'Neill, M., Ryan, C., and Nicolau, M. (7-11 July, 2001) Grammar Defined Introns: An Investigation Into Grammars, Introns, and Bias in Grammatical Evolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 97–103.
- [156] Globus, A., Lawton, J., and Wipke, T. (7-11 July, 2001) Graph Crossover. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 761.
- [157] Liu, Y. (7-11 July, 2001) How to Evolve a Cooperative Population by Minimizing Mutual Information. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1095.
- [158] Butz, M. V., Kovacs, T., Lanzi, P. L., and Wilson, S. W. (7-11 July, 2001) How XCS Evolves Accurate Classifiers. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 927–934.
- [159] Lovbjerg, M., Rasmussen, T. K., and Krink, T. (7-11 July, 2001) Hybrid Particle Swarm Optimiser with Breeding and Subpopulations. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 469–476.
- [160] Matsui, S. and ichi Tokoro, K. (7-11 July, 2001) Improving the Performance of a Genetic Algorithm for Minimum Span Frequency Assignment Problem with an Adaptive Mutation Rate and a New Initialization Method. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1359–1366.

- [161] Monsieurs, P. and Flerackers, E. (7-11 July, 2001) Increasing the diversity of a population in genetic programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 185.
- [162] Aguirre, H. E., Tanaka, K., and Oshita, S. (7-11 July, 2001) Increasing the Robustness of Distributed Genetic Algorithms by Parallel Cooperative-Competitive Genetic Operators. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 195–202.
- [163] Huang, C.-F. (7-11 July, 2001) Independent Sampling Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 367–374.
- [164] Tiwari, A., Roy, R., Jared, G., and Munaux, O. (7-11 July, 2001) Interaction and Multi-objective Optimisation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 671–678.
- [165] Berlanga, A., Isasi, P., and Segovia, J. (7-11 July, 2001) Interactive Evolutionary Computation with Small Population to Generate Gestures in Avatars. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 823–828.
- [166] Divina, F. and Marchiori, E. (7-11 July, 2001) Knowledge Based Evolutionary Programming for Inductive Learning in First-Order Logic. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 173.
- [167] Llorca, X. and Garrell, J. M. (7-11 July, 2001) Knowledge-Independent Data Mining With Fine-Grained Parallel Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 461–468.
- [168] Bousonville, T. (7-11 July, 2001) Local Search and Evolutionary Computation for Arc Routing in Garbage Collection. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1137–1143.
- [169] Poland, J. and Zell, A. (7-11 July, 2001) Main Vector Adaptation: A CMA Variant with Linear Time and Space Complexity. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1050–1055.
- [170] Poli, R., Rowe, J. E., and McPhee, N. F. (7-11 July, 2001) Markov Chain Models for GP and Variable-length GAs with Homologous Crossover. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 112–119.

- [171] Belaidouni, M. and Hao, J.-K. (7-11 July, 2001) MAX-CSP and Fitness Landscapes. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 752.
- [172] Lanzi, P. L. (7-11 July, 2001) Mining Interesting Knowledge from Data with the XCS Classifier System. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 958–965.
- [173] Huber, R. and Schell, T. (7-11 July, 2001) Mixed Size Tournament Selection. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 767.
- [174] Kosorukoff, A., Mittenthal, J., and Goldberg, D. (7-11 July, 2001) Modeling of Evolution of Signaling Networks in Living Cells by Evolutionary Computation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 905.
- [175] Sastry, K. and Goldberg, D. E. (7-11 July, 2001) Modeling Tournament Selection With Replacement Using Apparent Added Noise. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 781.
- [176] Smith, J. (7-11 July, 2001) Modelling Gas with Self Adaptive Mutation Rates. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 599–606.
- [177] Downing, K. L. (7-11 July, 2001) Modular Designer Chemistries for Artificial Life. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 845–852.
- [178] Naudts, B., Schoofs, L., and Verschoren, A. (7-11 July, 2001) Moments of Schema Fitness Distributions for Multary Alphabets. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 773.
- [179] Goto, R. and Sato, Y. (7-11 July, 2001) Motion Analysis of Moving Objects with Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1276–1283.
- [180] Chen, J.-H. and Ho, S.-Y. (7-11 July, 2001) Multi-Objective Evolutionary Optimization of Flexible Manufacturing Systems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1260–1267.
- [181] Farhang-Mehr, A. and Azarm, S. (7-11 July, 2001) Multi-Objective Genetic Algorithms With Concepts from Statistical Thermodynamics. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E.,

- (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1075.
- [182] Thierens, D. and Bosman, P. A. N. (7-11 July, 2001) Multi-Objective Mixture-based Iterated Density Estimation Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 663–670.
 - [183] Lorenc, B. (7-11 July, 2001) Multidimensional Scaling Using Evolutionary Computation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1450.
 - [184] Moore, J. H. and Hahn, L. W. (7-11 July, 2001) Multilocus Pattern Recognition using Cellular Automata and Parallel Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1452.
 - [185] Coello, C. A. and Pulido, G. T. (7-11 July, 2001) Multiobjective Optimization using a Micro-Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 274–282.
 - [186] Vrajitoru, D. (7-11 July, 2001) Nested Genetic Algorithms with Problem Division. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 787.
 - [187] Katagiri, H., Hirasawa, K., Hu, J., and Murata, J. (7-11 July, 2001) Network Structure Oriented Evolutionary Model – Genetic Network Programming–and Its Comparison with. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 179.
 - [188] Ryan, C., O'Neill, M., and Azad, A. (7-11 July, 2001) No Coercion and No Prohibition - A Position Independent Encoding Scheme for Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 187.
 - [189] Greene, W. A. (7-11 July, 2001) Non-Linear Bit Arrangements in Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 763.
 - [190] Tan, K. C., Lee, T. H., Khor, E. F., Heng, C. M., and Khoo, D. (7-11 July, 2001) Nonlinear Constraint Handling Technique via Angular Transformation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 655–662.
 - [191] Heckendorn, R. B. (7-11 July, 2001) Of Heisenberg and Epistasis. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 765.

- [192] Wu, J. and Azarm, S. (7-11 July, 2001) On a New Constraint Handling Technique for Multi-Objective Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 741–748.
- [193] Simoes, A. and Costa, E. (7-11 July, 2001) On Biologically Inspired Genetic Operators: Transformation in the Standard Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 584–591.
- [194] Jain, B. J., Pohlheim, H., and Wegener, J. (7-11 July, 2001) On Termination Criteria of Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 768.
- [195] Schmitt, F. and Rothlauf, F. (7-11 July, 2001) On the Importance of the Second Largest Eigenvalue on the Convergence Rate of Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 559–564.
- [196] Denzinger, J. and Kordt, M. (7-11 July, 2001) On the influence of learning time on evolutionary online learning of cooperative behavior. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 837–844.
- [197] Goldberg, D. E., Sastry, K., and Latoza, T. (7-11 July, 2001) On The Supply Of Building Blocks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 336–342.
- [198] Jansen, T. and Wegener, I. (7-11 July, 2001) On the Utility of Populations in Evolutionary Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1034–1041.
- [199] Igel, C. and Kreutz, M. (7-11 July, 2001) Operator Adaptation in Structure Optimization of Neural Networks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1094.
- [200] Gargano, M. L. and Edelson, W. (7-11 July, 2001) Optimal Sequenced Matroid Bases Solved by GA's with Feasible Search Space Including Applications. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1447.
- [201] Li, Y., Xin, X., Kikuchi, N., and Saitou, K. (7-11 July, 2001) Optimal shape and location of piezoelectric materials for topology optimization of flextensional actuators. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1085–1090.

- [202] Anbarasu, L. A., Sundararajan, V., and Narayanasamy, P. (7-11 July, 2001) Parallel genetic algorithm for performance-driven sequence alignment. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1015.
- [203] Noble, J. and Watson, R. A. (7-11 July, 2001) Pareto coevolution: Using performance against coevolved opponents in a game as dimensions for Pareto selection. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 493–500.
- [204] Kwon, Y.-K. and Moon, B.-R. (7-11 July, 2001) Personalized Email Marketing with a Genetic Programming Circuit Model. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1352–1358.
- [205] Corne, D. W., Jerram, N. R., Knowles, J. D., and Oates, M. J. (7-11 July, 2001) PESA-II: Region-based Selection in Evolutionary Multiobjective Optimization. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 283–290.
- [206] Belding, T. C. (7-11 July, 2001) Potholes on the Royal Road. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 211–218.
- [207] Schmiedle, F., Drechsler, N., Grosse, D., and Drechsler, R. (7-11 July, 2001) Priorities in Multi-Objective Optimization for Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 129–136.
- [208] Wiles, J., Schulz, R., Hallinan, J., Bolland, S., and Tonkes, B. (7-11 July, 2001) Probing the Persistent Question Marks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 710–717.
- [209] Sato, Y. (7-11 July, 2001) Proposal for a Register Transfer Level Evolution on a Microprocessor Incorporated Flash Memory. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1216.
- [210] Fujimoto, Y. and Shimohara, K. (7-11 July, 2001) Proposal of Eco-Evolution. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 760.
- [211] Michaud, S. R., Zydallis, J. B., Lamont, G. B., Harmer, P. K., and Pachter, R. (7-11 July, 2001) Protein Structure Prediction with EA Immunological Computation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1367–1374.
- [212] Gottlieb, J., Julstrom, B. A., Raidl, G. R., and Rothlauf, F. (7-11 July, 2001) Pruner Numbers: A Poor Representation of Spanning Trees for Evolutionary Search. In Spector, L., Goodman, E. D.,

- Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 343–350.
- [213] Rylander, B., Soule, T., Foster, J., and Alves-Foss, J. (7-11 July, 2001) Quantum Evolutionary Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1005–1011.
- [214] Jansen, T. and Wegener, I. (7-11 July, 2001) Real Royal Road Functions - Where Crossover Provably Is Essential. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 375–382.
- [215] Weinert, K. and Stautner, M. (7-11 July, 2001) Reconstruction of Particle Flow Mechanisms with Symbolic Regression via Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1439–1443.
- [216] de Jong, E. D., Watson, R. A., and Pollack, J. B. (7-11 July, 2001) Reducing Bloat and Promoting Diversity using Multi-Objective Methods. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 11–18.
- [217] Branke, J. (7-11 July, 2001) Reducing the Sampling Variance when Searching for Robust Solutions. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 235–242.
- [218] Neri, F. (7-11 July, 2001) Relating two cooperative learning strategies to the features of the found concept description. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 986.
- [219] Gen, M. and Lee, C. (7-11 July, 2001) Reliability Optimization Design Using Hybrid NN-GA with Fuzzy Logic Controller. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1448.
- [220] Bongard, J. C. and Pfeifer, R. (7-11 July, 2001) Repeated Structure and Dissociation of Genotypic and Phenotypic Complexity in Artificial Ontogeny. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 829–836.
- [221] Suzuki, H. and Sawai, H. (7-11 July, 2001) Schema Evolution Equation Using Quasi-schema Representation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 784.
- [222] Vitrano, J. B. and Povinelli, R. J. (7-11 July, 2001) Selecting Dimensions and Delay Values for a Time-Delay Embedding Using a Genetic Algorithm. In Spector, L., Goodman, E. D., Wu, A.,

- Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1423–1430.
- [223] Hart, W. E. (7-11 July, 2001) Self-Adaptive Evolutionary Pattern Search Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1076.
- [224] Tsutsui, S., Goldberg, D. E., and Sastry, K. (7-11 July, 2001) Simplex Crossover and Linkage Learning in Real-Coded GAs. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 785.
- [225] Cantu-Paz, E. (7-11 July, 2001) Single vs. Multiple Runs Under Constant Computation Cost. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 754.
- [226] Kordon, A. K. and Smits, G. F. (7-11 July, 2001) Soft Sensor Development Using Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1346–1351.
- [227] Jimenez, J. A., Abderraman, J. C., Cuesta, P. D., , and Winter, G. (7-11 July, 2001) Solving Elliptical Partial Differential Equations in a NATURAL way. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1307–1313.
- [228] Horng, J.-T., Jin, M.-H., and Kao, C.-Y. (7-11 July, 2001) Solving Fixed Channel Assignment Problems by An Evolutionary Approach. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 351–358.
- [229] Stephens, C. R. (7-11 July, 2001) Some Exact Results from a Coarse Grained Formulation of Genetic Dynamics. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 631–638.
- [230] Patrignani, M. (7-11 July, 2001) Stability of Arbitrary Genes: a New Approach to Cooperation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 907.
- [231] Craenen, B. G. W. and Eiben, A. E. (7-11 July, 2001) Stepwise Adaption of Weights with Refinement and Decay on Constraint Satisfaction Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 291–298.
- [232] Fu, C., Wilson, S. W., and Davis, L. (7-11 July, 2001) Studies of the XCSI Classifier System on a Data Mining Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen,

- M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 985.
- [233] Furutani, H. (7-11 July, 2001) Study of Crossover in One Max Problem by Linkage Analysis. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 320–327.
 - [234] Roberts, S. C., Howard, D., and Koza, J. R. (7-11 July, 2001) Subtree encapsulation versus ADFs in GP for parity problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 186.
 - [235] Parthasarathy, P. V., Goldberg, D. E., and Burns, S. A. (7-11 July, 2001) Tackling Multimodal Problems in Hybrid Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 775.
 - [236] Yeh, C.-H. and Chen, S.-H. (7-11 July, 2001) The Differences between Social and Individual Learning on the Time Series Properties: The Approach Based on Genetic Programming. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 191.
 - [237] Rowe, J. E. and McPhee, N. F. (7-11 July, 2001) The effects of crossover and mutation operators on variable length linear structures. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 535–542.
 - [238] Ross, B. J. (7-11 July, 2001) The Evaluation of a Stochastic Regular Motif Language for Protein Sequences. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 120–128.
 - [239] Parker, G. B. (7-11 July, 2001) The Incremental Evolution of Gaits for Hexapod Robots. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1114–1121.
 - [240] Balling, R. and Wilson, S. (7-11 July, 2001) The Maximin Fitness Function for Multi-objective Evolutionary Computation: Application to City Planning. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1079–1084.
 - [241] Santana, R., Ochoa-Rodriguez, A., and Soto, M. R. (7-11 July, 2001) The Mixture of Trees Factorized Distribution Algorithm. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 543–550.

- [242] Schumacher, C., Vose, M. D., and Whitley, L. D. (7-11 July, 2001) The No Free Lunch and Problem Description Length. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 565–570.
- [243] Roos, R. S. (7-11 July, 2001) The Patchy GA and Domination Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 779.
- [244] Gao, Y. and Culberson, J. (7-11 July, 2001) The Phase Transition in NK Landscapes is Easy. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1227–1234.
- [245] Riopka, T. P. and Bock, P. (7-11 July, 2001) The Relevance of Genotypic Learning in the CLGA. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 778.
- [246] Hsu, W. W. and Hsu, C.-C. (7-11 July, 2001) The Spontaneous Evolution Genetic Algorithm for Solving the Traveling Salesman Problem. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 359–366.
- [247] Murata, T., Kawakami, S., Nozawa, H., Gen, M., and Ishibuchi, H. (7-11 July, 2001) Three-Objective Genetic Algorithms for Designing Compact Fuzzy Rule-Based Systems for Pattern Classification Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 485–492.
- [248] Someya, H. and Yamamura, M. (7-11 July, 2001) Toroidal Search Space Conversion for Robust Real-coded Genetic Algorithms. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 782.
- [249] Ekman, M., Magnusson, A., and Nordin, P. (7-11 July, 2001) Two Approaches for High-level Evolvable Hardware using Function Blocks. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 1215.
- [250] Pereira, F. B. and Costa, E. (7-11 July, 2001) Understanding the Role of Learning in the Evolution of Busy Beavers: a Comparison Between the Baldwin Effect and a Lamarckian Strategy. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 884–891.
- [251] Rychtyckyj, N. and Reynolds, R. G. (7-11 July, 2001) Using Cultural Algorithms to Improve Knowledge Base Maintainability. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1405–1412.

- [252] Liu, X., Swift, S., and Tucker, A. (7-11 July, 2001) Using Evolutionary Algorithms to Tackle Large Scale Grouping Problems. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 454–460.
- [253] Tamaddoni-Nezhad, A. and Muggleton, S. (7-11 July, 2001) Using Genetic Algorithms for Learning Clauses in First-Order Logic. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 639–646.
- [254] Soule, T. (7-11 July, 2001) Using Genetic Algorithms to Evolve Cooperative Teams. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 783.
- [255] Oliveira, G. M. B., de Oliveira, P. P. B., and Omar, N. (7-11 July, 2001) Using Heuristics Related to Cellular Automata Behavior Forecast to Improve Genetic Search for a Grouping Task. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann p. 181.
- [256] Sinha, A. and Goldberg, D. E. (7-11 July, 2001) Verification and Extension of the Theory of Global-Local Hybrids. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 592–598.
- [257] Srivastava, R. P. and Goldberg, D. E. (7-11 July, 2001) Verification of the Theory of Genetic Algorithm Continuation. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 623–630.
- [258] Martin, M. C. (7-11 July, 2001) Visual Obstacle Avoidance Using Genetic Programming: First Results. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1107–1113.
- [259] Christensen, S. and Oppacher, F. (7-11 July, 2001) What can we learn from No Free Lunch? A First Attempt to Characterize the Concept of a Searchable Function. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 1219–1226.
- [260] Luke, S. (7-11 July, 2001) When Short Runs Beat Long Runs. In Spector, L., Goodman, E. D., Wu, A., Langdon, W., Voigt, H.-M., Gen, M., Sen, S., Dorigo, M., Pezeshk, S., Garzon, M. H., and Burke, E., (eds.), *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2001)*, San Francisco, California, USA: Morgan Kaufmann pp. 74–80.