

## Список литературы

- [1] WHITLEY, D. et al., editors, *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [2] WINEBERG, M. et al., Enhancing the ga's ability to cope with dynamic environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 3–10, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [3] CHIU, P. et al., A genetic segmentation algorithm for image data streams and video, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 666–673, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [4] KIRLEY, M. et al., An empirical investigation of optimisation in dynamic environments using the cellular genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 11–18, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [5] URSEM, R. K., Multinational gas: Multimodal optimization techniques in dynamic environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 19–26, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [6] GOH, G. K.-M. et al., Evolving molecules for drug design using genetic algorithms via molecular trees, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 27–33, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [7] RAY, T. et al., An evolutionary algorithm for constrained optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 771–777, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [8] SOULE, T., Heterogeneity and specialization in evolving teams, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 778–785, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [9] JIN, Y. et al., On evolutionary optimization with approximate fitness functions, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 786–793, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [10] CHAUDHRI, O. A. et al., Characterizing a tunably difficult problem in genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 395–402, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [11] BOT, M. C., Improving induction of linear classification trees with genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 403–410, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [12] KEIJZER, M. et al., Genetic programming within a framework of computer-aided discovery of scientific knowledge, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 543–550, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [13] GILBERT, R. J. et al., Genomic computing: explanatory modelling for functional genomics, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 551–557, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [14] WANG, F.-S., Hybrid differential evolution for dynamic optimization of a fedbatch bioreactor process, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 558–565, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [15] MUNDHE, M. et al., Evolving agent societies that avoid social dilemmas, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 809–816, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [16] ISHIBUCHI, H. et al., Evolution of strategies in spatial ipd games with structure demes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 817–824, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [17] BARONE, L. et al., Adaptive learning for poker, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 566–573, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [18] PUNCH, W. F. et al., Gp+echo+subsumption = improved problem solving, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 411–418, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [19] IBA, H. et al., Controlling effective introns for multi-agent learning by genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 419–426, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [20] De Falco, I. et al., A kolmogorov complexity-based genetic programming tool for string compression, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 427–434, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [21] BUTZ, M. V. et al., Introducing a genetic generalization pressure to the anticipatory classifier system - part 1: Theoretical approach, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 34–41, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [22] BUTZ, M. V. et al., Introducing a genetic generalization pressure to the anticipatory classifier system - part 2: Performance analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 42–49, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [23] BARRY, A., Specifying action persistence within xcs, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 50–57, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [24] KNOWLES, J. et al., Heuristics for evolutionary off-line routing in telecommunications networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 574–581, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [25] KWONG, S. et al., A fault-tolerant multicast routing algorithm in atm networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 582–589, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [26] DOZIER, G., Distributed steady-state neuro-evolutionary path planning in non-stationary environments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 58–65, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [27] CARSE, B. et al., A note on learning and evolution in neural networks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 66–73, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [28] YANG, J.-M. et al., An evolutionary algorithm to training neural networks for a two-spiral problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1025–1032, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [29] POZZI, S. et al., Evaluations of genetic programming and neural networks techniques for nuclear material identification, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 590–596, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [30] VAZQUEZ, M. et al., A comparison of genetic algorithms for the dynamic job shop scheduling problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1011–1018, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [31] OCHOA, G. et al., Optimal mutation rates and selection pressure in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 315–322, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [32] HART, E. et al., Enhancing the performance of a ga through visualisation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 347–354, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [33] MCKAY, R. I. B., Fitness sharing in genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 435–442, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [34] GAN, J. et al., A variable radius niching technique for speciation in genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 96–103, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [35] RIOPKA, T. P. et al., Intelligent recombination using individual learning in a collective learning genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 104–111, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [36] SAWAI, H. et al., A comparative study of gene-duplicated gas based on pfga and ssga, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 74–81, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [37] MARGETTS, S. et al., Phlegmatic mappings for function optimisation with genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 82–89, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [38] SERONT, G. et al., A new ga-local search hybrid for optimization based on multi level single linkage clustering, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 90–95, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [39] BAGLIONI, S. et al., Evolutionary multiperiod asset allocation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 597–604, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [40] BAGNALL, A. J., A multi-adaptive agent model of generator bidding in the uk market in electricity, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 605–612, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [41] MATTHEWS, K. B. et al., Applying genetic algorithms to multi-objective land use planning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 613–620, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [42] SAKUMA, J. et al., Extrapolation-directed crossover for job-shop scheduling problems: Complementary combination with jox, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 973–980, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [43] Van Bael, P. et al., A steady-state evolutionary algorithm for the job shop problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 981–986, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [44] KRASNOGOR, N. et al., A memetic algorithm with self-adaptive local search: Tsp as a case study, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 987–994, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [45] RUDOLPH, G., Takeover times and probabilities of non-generational selection rules, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 903–910, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [46] WAKUNDA, J. et al., A new selection scheme for steady-state evolution strategies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 794–801, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [47] CANTU-PAZ, E., Selection intensity in genetic algorithms with generation gaps, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 911–918, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [48] COSTA, L. A. et al., Structural optimization of laminated plates with genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 621–627, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [49] RASHEED, K. et al., Informed operators: Speeding up genetic-algorithm-based design optimization using reduced models, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 628–635, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [50] MURAKAWA, M. et al., An evolvable laser system for femtosecond pulse generation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 636–642, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [51] ROSS, B. J., The effects of randomly sampled training data on program evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 443–450, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [52] LANGDON, W. B., Quadratic bloat in genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 451–458, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [53] KIRSHENBAUM, E., Genetic programming with statically scoped local variables, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 459–468, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [54] TESTA, L. J. et al., A comparison of operators for solving time dependent traveling salesman problems using gas, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 995–1002, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [55] JUNG, S. et al., The natural crossover for the 2d euclidean tsp, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1003–1010, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [56] BONACHEA, D. et al., An improved adaptive multi-start approach to finding near-optimal solutions to the euclidean tsp, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 143–150, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [57] WATSON, R. A. et al., Recombination without respect: Schema combination and disruption in genetic algorithm crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 112–119, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [58] BHATTACHARYYA, S. et al., Crossover in probability spaces, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 120–127, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [59] BERSINI, H., Chemical crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 825–832, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [60] EIBEN, A. E. et al., Solving csps with using self-adaptive constraint weights: how to prevent eas from cheating, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 128–134, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [61] KATAYAMA, K. et al., Solving large binary quadratic programming problems by effective genetic local search algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 643–650, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [62] LIESE, A. et al., On the development of spectral properties of visual agent receptors through evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 857–864, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [63] HECKENDORN, R. B., Polynomial time summary statistics for two general classes of functions, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 919–926, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [64] FICICI, S. G. et al., Effects of finite populations on evolutionary stable strategies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 927–934, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [65] LOBO, F. G. et al., Time complexity of genetic algorithms on exponentially scaled problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 151–158, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [66] ROBERTS, S. C. et al., Genetic programming for image analysis: Orientation detection, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 651–657, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [67] ROSS, B. J. et al., Edge detection of petrographic images using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 658–665, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [68] KANG, S.-J. et al., A hybrid genetic algorithm for multiway graph partitioning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 159–166, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [69] KIM, Y.-H. et al., A hybrid genetic search for graph partitioning based on lock gain, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 167–174, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [70] SOPER, A. J. et al., A combined evolutionary search and multilevel approach to graph partitioning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 674–681, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [71] ARITA, M. et al., Improving sequence design for dna computing, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 875–882, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [72] HORNG, J.-T. et al., Using genetic algorithms to solve multiple sequence alignments, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 883–890, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [73] SUZUKI, Y. et al., A new molecular computing model, artificial cell systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 833–840, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [74] GUNTHER, W. et al., Improving eas for sequencing problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 175–180, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [75] KNJAZEW, D. et al., Omega - ordering messy ga: Solving permutation problems with the fast messy genetic algorithm and random keys, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 181–188, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [76] MATSUI, S. et al., A new genetic algorithm for minimum span frequency assignment using permutation and clique, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 682–689, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [77] POLI, R., Exact schema theorem and effective fitness for gp with one-point crossover, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 469–476, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [78] KOZA, J. R. et al., Automatic synthesis of electrical circuits containing a free variable using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 477–484, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [79] GREENE, W. A., A non-linear schema theorem for genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 189–194, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [80] CHRISTOU, I. T. et al., Domain knowledge and representation in genetic algorithms for real world scheduling problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 690–696, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [81] KAESCHEL, J. et al., Evolutionary real-world shop floor scheduling using parallelization and parameter coevolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 697–701, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [82] SZMIT, R. et al., Evolution strategies for a parrallel multi-objective genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 227–234, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [83] BODEN, M. et al., Evolving context-free language predictors, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1033–1040, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [84] ISHIBUCHI, H. et al., Linguistic rule extraction by genetics-based machine learning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 195–202, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [85] O'NEILL, M. et al., Grammar based function definition in grammatical evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 485–490, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [86] POLANI, D. et al., Eugenic neuro-evolution for reinforcement learning, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1041–1046, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [87] ONO, I. et al., A genetic algorithm for automatically designing modular reinforcement learning agents, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 203–210, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [88] BENTLEY, P. J., "evolutionary, my dear watson"investigating committee-based evolution of fuzzy rules for the detection of suspicious insurance claims, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 702–709, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [89] TSUTSUI, S., Sampling bias and search space boundary extension in real coded genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 211–218, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [90] TAKAHASHI, O. et al., A real-coded genetic algorithm using distance dependent alternation model for complex function optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 219–226, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [91] OATES, M. J. et al., A tri-phase multimodal evolutionary search performance profile on the 'hierarchical if and only if' problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 339–346, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [92] SHIMOOKA, H. et al., Generating robust control equations with genetic programming for control of a rolling inverted pendulum, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 491–495, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [93] KEANE, M. A. et al., Automatic synthesis of both topology and tuning of a common parameterized controller for two families of plants using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 496–504, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [94] CICIRELLO, V. A. et al., Modeling ga performance for control parameter optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 235–242, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [95] MATHIAS, K. E. et al., Code compaction using genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 710–717, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [96] da Silva, A. R. F., Genetic algorithms for component analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 243–250, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [97] TOMINAGA, D. et al., Efficient numerical optimization algorithm based on genetic algorithm for inverse problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 251–258, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [98] HO, S.-Y. et al., A simple and fast ga-sa hybrid image segmentation algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 718–725, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [99] RAUSS, P. J. et al., Classification of spectral imagery using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 726–733, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [100] TAKEHISA, Y. et al., Adaptive wavelet transform for lossless image compression using genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 259–266, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [101] PELIKAN, M. et al., Hierarchical problem solving by the bayesian optimization algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 267–274, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [102] PELIKAN, M. et al., Bayesian optimization algorithm, population sizing, and time to convergence, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 275–282, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [103] GOTTLIEB, J. et al., The effects of locality on the dynamics of decoder-based evolutionary search, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 283–290, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [104] KURAHASHI, S. et al., A genetic algorithm with tabu search for multimodal and multiobjective function optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 291–298, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [105] CHENG, R. et al., An adaptive hyperplane approach for multiple objective optimization problems with complex constraints, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 299–306, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [106] MURATA, T. et al., Cellular genetic local search for multi-objective optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 307–314, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [107] DRECHSLER, R. et al., Evolutionary synthesis of multiplexor circuits under hardware constraints, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 513–518, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [108] NICHOLSON, A., Evolution and learning for digital circuit design, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 519–524, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [109] HOUNSELL, B. et al., A novel evolvable hardware framework for the evolution of high performance digital circuits, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 525–532, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [110] TANIGAWA, T. et al., A study on efficient generation of decision trees using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1047–1052, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.



- [111] CANTU-PAZ, E. et al., Using evolutionary algorithms to induce oblique decision trees, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1053–1060, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [112] CARVALHO, D. R. et al., A hybrid decision tree/genetic algorithm for coping with the problem of small disjuncts in data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1061–1068, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [113] COLLINS, D. J. et al., The effects of team size on the evolution of distributed micro air vehicles, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 949–956, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [114] URZELAI, J. et al., Evolutionary robotics: Coping with environmental change, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 941–948, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [115] YAMADA, S., Evolutionary design of behaviors for action-based environment modeling by a mobile robot, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 957–964, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [116] VAZQUEZ, M. et al., A hybrid genetic algorithm for the quadratic assignment problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 135–142, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [117] KAZADI, S. et al., Levels of compartmentalization in artificial evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 841–848, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [118] SIMOES, A. et al., Using genetic algorithms with asexual transposition, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 323–330, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [119] MERKLE, D. et al., Ant colony optimization for resource-constrained project scheduling, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 893–900, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [120] MIYASHITA, K., Job-shop scheduling with genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 505–512, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [121] PIPE, A. G. et al., Autonomous acquisition of fuzzy rules for mobile robot control: First results from two evolutionary computation approaches, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 849–856, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [122] SATO, Y., Interactive evolution of adaptive parameter for speaker verification systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 742–749, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [123] HOUSE, J. L. et al., Esp - metaphor for learning: an evolutionary algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 734–741, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [124] PORTMANN, M.-C. et al., Performances’ study on crossover operators keeping good schemata for scheduling problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 331–338, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [125] ROTHLAUF, F. et al., Bad codings and the utility of well-designed genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 355–362, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [126] ISHIBUCHI, H. et al., Multi-objective pattern and feature selection by genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., pages 1069–1076, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [127] BENSON, K. et al., Automatic detection of ships in spaceborne sar imagery, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 767, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [128] BERLANGA, A. et al., Uniform coevolution for solving the density classification problem in cellular automata, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 383, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [129] BAGHADADCHI, J., A classifier based learning model for intelligent agents, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 870, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [130] MANSILLA, E. B. I. et al., MolecS: A multiobjective learning classifier system, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 390, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [131] BRIZUELA, C. A. et al., A selection scheme in genetic algorithms for a complex scheduling problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 1021, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [132] CRAENEN, B. G. W. et al., Combining local search and fitness function adaptation in a ga for solving binary constraint satisfaction problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 381, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [133] CUESTA, P. D. et al., Practical modeling of simple genetic algorithm via deterministic paths by absorbing markov chains, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 371, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [134] DEVOGELAERE, D. et al., Genetic algorithm driven clustering for toxicity prediction, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 759, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [135] EDELSON, W. et al., Feasible encodings for ga solutions of constrained minimal spanning tree problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 754, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [136] FERNANDEZ, F. et al., Experimental study of isolated multipopulation genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 536, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [137] NODA, E. et al., Comparing a genetic algorithm with a rule induction algorithm in the data mining task of dependence modeling, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 1080, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [138] FURUTANI, H., Study of evolution in genetic algorithms by eigen’s theory including crossover operator, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 389, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [139] GRUNDLER, D. et al., Qualitative visual presentation of evolution algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 805, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [140] GEN, M. et al., A genetic algorithm for the mini-max spanning forest problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 387, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [141] HASSE, M. et al., Using phenotypic sharing in a classifier tool, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 392, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [142] HO, S.-Y. et al., An efficient quadratic curve approximation using an intelligent genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 766, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [143] HORNG, J.-T. et al., Materialized view selection in a data warehouse using evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 385, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [144] HSU, W. H. et al., Genetic wrappers for constructive induction in high-performance data mining, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 765, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [145] HSU, W. H. et al., Genetic algorithms for reformulation of large-scaled kdd problems with many irrelevant attributes, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 1081, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [146] HU, Y.-J., Global gene expression analysis with genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 753, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [147] HUANG, C.-F., Independent sampling genetic algorithms and the applications, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 372, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [148] JIN, H.-D. et al., Designing an expanded som for the traveling salesman problem by genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 1079, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [149] KARGUPTA, H., Computation in genetic code-like transformations, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 937, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [150] KEYMEULEN, D. et al., Ehwpack: a parallel software/hardware environment for evolvable hardware, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 538, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [151] KIM, H.-S. et al., Knowledge-based encoding in interactive genetic algorithm for a fashion design aid system, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 757, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [152] KIM, J.-H. et al., Genetic elevator group control, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 762, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [153] KIVIJARVI, J. et al., Efficient clustering with a self-adaptive genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 377, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [154] LEE, C.-Y. et al., Variable length genomes for evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 806, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [155] FABREGA, X. L. I. et al., Evolving agent aggregates using cellular genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 868, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [156] MAEDA, Y. et al., Redundant node pruning and adaptive search method for genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 535, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [157] HUSSAIN, D. et al., Evolutionary techniques applied to hashing: An efficient data retrieval method, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 760, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [158] MEHROTRA, R. et al., Airfoil optimization using genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 764, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [159] MIKI, M. et al., A parallel genetic algorithm with distributed environment scheme, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 376, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [160] AL-KAZEMI, B. et al., Solving problems with overlapping building blocks, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 384, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [161] MOUSTAFA, R. E. et al., A ga-based method for function approximation using adaptive interpolation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 378, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [162] MUNTEANU, C. et al., Symmetrical building blocks and the simple inversion operator, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 365, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [163] NERI, F., Modeling tcp/ip network traffic for intrusion detection by genetic evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 755, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [164] OTTNER, S. C., Optimising television commercial air-time by means of a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 761, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [165] PELIKAN, M. et al., Parameter-less genetic algorithm: A worst-case time and space complexity analysis, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 370, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [166] PEYSAKHOV, M. et al., Genetic algorithms for optimization of lego assemblies, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 968, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [167] POON, J., Initial results with coevolving dominance mapping, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 368, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [168] RYLANDER, B. et al., Ga-hard problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 367, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [169] RYLANDER, B. et al., Quantum genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 373, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [170] BAYDAR, C. M. et al., A genetic programming framework for error recovery in robotic assembly systems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 756, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [171] SAKAMOTO, Y. et al., Evaluation of the effects of noises by experiments using a mobile robot, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 386, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [172] SAMMARTINO, L. et al., Gamut: A system for customer modeling based on evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 758, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [173] SANTANA, R. et al., Probabilistic evolution and the busy beaver problem, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 380, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [174] SATOH, H. et al., The role of mimicry in social evolution, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 871, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [175] SCHUBERT, T. et al., Specialized hardware for implementation of evolutionary algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 369, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [176] SEFFENS, W. et al., Fitness function analysis of biological genetic codes using an evolutionary algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 867, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [177] SHIMODAIRA, H., A diversity control oriented genetic algorithm (dcga): Performance in function optimization, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 366, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [178] PIRES, E. J. S. et al., Trajectory optimization for redundant robots using genetic algorithms, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 967, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [179] SOMEYA, H. et al., Where should children be generated by crossover operator on function optimization?, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 382, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [180] TORRES-JIMENEZ, J. et al., A genetic algorithm for matrix bandwidth reduction, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 388, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.

- [181] TRENAMAN, A., Choosing the right number of trials for a minimal simulation, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 969, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [182] TSAI, H.-K. et al., A genetic algorithm for physical mapping problems, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 375, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [183] VALLEJO, E. E. et al., Evolving insect locomotion using non-uniform cellular automata, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 869, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [184] VASSILEV, V. K. et al., Embedding landscape neutrality to build a bridge from the conventional to a more efficient three-bit multiplier circuit, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 539, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [185] WILSON, E. et al., Genetic algorithm optimization of a filament winding process modeled in witness, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 763, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [186] YANG, L. et al., An adaptive simplex genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 379, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [187] YASUNAGA, M. et al., Kernel optimization in pattern recognition using a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 391, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [188] YOON, H.-S. et al., Synergy of multiple crossover operators in a genetic algorithm, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 374, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.
- [189] YOSHIHARA, I. et al., A fast model-building method for time series using genetic programming, in *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2000)*, edited by WHITLEY, D. et al., page 537, Las Vegas, Nevada, USA, 2000, Morgan Kaufmann.