

Список литературы

- [1] Keijzer, M., ed.: *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [2] Banks, E. R., Hayes, J., and Nunez, E.: Parametric Regression Through Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [3] Bagot, B.: The Harmonic Decision Matrix: a group of operators for the fuzzy-logic, multi-objective decisions and optimizations. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [4] Wilson, G. C. and Heywood, M. I.: Search Operator Bias in Linearly Structured Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [5] Jakob, W., Blume, C., and Bretthauer, G.: Towards a Generally Applicable Self-adapting Hybridization of Evolutionary Algorithms. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [6] Uyar, A. S.: An Adaptive Diploid Evolutionary Algorithm for Floating-Point Representations in Dynamic Environments. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [7] Wloch, K. and Bentley, P. J.: Optimising the Performance of a Formula One Car using a Genetic Algorithm. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [8] Lee, C., Li, Y.-T., Wu, J.-S., and Chou, T.-Y.: Double Orthogonal Arrays Based Genetic Algorithm for Primer Design. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [9] Wang, Z. G., Wong, Y. S., and Rahman, M.: Development of the parallel optimization method based on genetic simulated annealing. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [10] Piaseczny, W., Suzuki, H., and Sawai, H.: Chemical Genetic Programming - The Effect of Evolving Amino Acids. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [11] Hsu, W. H., Harmon, S. J., Rodriguez, E., and Zhong, C.: Empirical Comparison of Incremental Reuse Strategies in Genetic Programming for Keep-Away Soccer. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [12] Barlow, G. J., Oh, C. K., and Grant, E.: Incremental Evolution of Autonomous Controllers for Unmanned Aerial Vehicles using Multi-objective Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [13] Zeng, S., Ding, L., Yao, S., and Kang, L.: KLP Not Always Efficient. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [14] Lobo, F. G.: A philosophical essay on life and its connections with genetic algorithms. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [15] Lobo, F. G., Lima, C., and Martires, H.: An architecture for massive parallelization of the compact genetic algorithm. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)

- [16] Fernlund, H. and Gonzalez, A. J.: Using GP to Model Contextual Human Behavior - Competitive with Human Modeling Performance. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [17] Basanta, D., Miodownik, M., Bentley, P., and Holm, E.: Investigating the evolvability of biologically inspired CA. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [18] Poladian, L. and Jermin, L.: Phylogenetic inference using evolutionary multi-objective optimisation. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [19] Gang, P., Iimura, I., Tsurusawa, H., and Nakayama, S.: A Local Search Algorithm Based on Genetic Recombination for Traveling Salesman Problem. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [20] James, D. and Tucker, P.: A Comparative Analysis of Simplification and Complexification in the Evolution of Neural Network Topologies. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [21] Kasinadhuni, M. P., Gargano, M. L., DeCicco, J., and Edelson, W.: SELF-ADAPTATION IN GENETIC ALGORITHMS USING MULTIPLE GENOMIC REDUNDANT REPRESENTATIONS. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [22] Thangavelautham, J. and D'Eleuterio, G. M. T.: application of a Neuroevolutionary Approach to Emergent Task Decomposition in Collective Robotics. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [23] Francone, F. D., Deschaine, L. M., Battenhouse, T., and Warren, J. J.: Discrimination of Unexploded Ordnance from Clutter Using Linear Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [24] Li, X., Zhou, C., Nelson, P. C., and Tirpak, T. M.: Investigation of Constant Creation Techniques in the Context of Gene Expression Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [25] Earon, E. J. P. and D'Eleuterio, G. M. T.: An Agent Too Far: The Genetic Distance Evaluation of a Simulated World. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [26] Skolicki, Z. and De Jong, K.: Improving Evolutionary Algorithms with Multi-representation Island Models. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [27] Lee, K.-Y., Wong, M.-L., Liang, Y., Leung, K.-S., and Lee, K.-H.: A-HEP: Adaptive Hybrid Evolutionary Programming for Learning Bayesian Networks. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [28] Lefuel, R. and Ross, B. J.: Parsing Probabilistic Context Free Languages with Multi-Objective Genetic Algorithms. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [29] Aldawoodi, N., Perez, R., Alvis, W., and Valavanis, K.: Developing Automated Helicopter Models Using Simulated Annealing and Genetic Search. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [30] BAGOT, B. and POHLHEIM, H.: Complementary selection and variation for an efficient multiobjective optimization of complex systems. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)

- [31] LEFORT, V., KNIBBE, C., BESLON, G., and FAVREL, J.: The RBF-Gene model. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [32] Rotar, C.: An Evolutionary Technique for Multicriterial Optimization Based on Endocrine Paradigm. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [33] Stone, S., Pillmore, B., and Cyre, W.: Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [34] Grosan, C.: An Evolutionary Approach for Multiobjective Optimization using Adaptive Representation of Solutions. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [35] Meyer, B.: Convergence Control in ACO. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [36] Mabu, S., Hirasawa, K., and Hu, J.: Genetic Network Programming with Reinforcement Learning and its Performance Evaluation. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [37] Monson, C. K. and Seppi, K. D.: Improving on the Kalman Swarm: Extracting its Essential Characteristics. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [38] Cummins, R. and O’Riordan, C.: Using Genetic Programming to Evolve Weighting Schemes for the Vector Space Model of Information Retrieval. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [39] Oberoi, D. and Rylander, B.: Determining the Best Parent Selection Method for a Genetic Algorithm through Varying Problem Sizes and Complexities. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [40] Stone, S., Pillmore, B., and Cyre, W.: Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [41] Tchernev, E. B. and Phatak, D. S.: Control structures in linear and stack-based Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [42] Amin, M. and Premaratne, M.: Constraint Handling of an Optical Components Selection Problem using a new Genetic Crossover Scheme. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [43] DONCIEUX, S., LANDAU, S., and GUELFY, N.: EcoSFERES: A Tool for the Design of Self-Organized Agent-Based Applications. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [44] Murata, T. and Nakamura, T.: Developing Cooperation of Multiple Agents Using Genetic Network Programming with Automatically Defined Groups. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [45] Kostikas, K. and Fragakis, C.: Genetic Programming for Guiding Branch and Bound Search. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)

- [46] Crawford-Marks, R., Spector, L., and Klein, J.: Virtual Witches and Warlocks: A Quidditch Simulator and Quidditch-Playing Teams Coevolved via Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [47] Rojas, S. A. and Bentley, P. J.: A Grid-based Ant Colony System for Automatic Program Synthesis. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [48] Langdon, W. B. and Banzhaf, W.: Repeated Sequences in Linear GP Genomes. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [49] Pujol, J. C. F. and Poli, R.: A Highly Efficient Function Optimization with Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [50] Cervone, G., Panait, L., Singh, R., Kafatos, M., and Luke, S.: An Application of Evolutionary Algorithms to Predict the Extent of SLHF Anomaly Associated with Coastal Earthquake. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [51] Rodriguez-Vazquez, K. and Oliver-Morales, C.: Function Approximation by means of Multi-Branches Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [52] Buehler, E., Das, S., and Cully, J. F.: Equilibrium and Extinction In a Trisexual Diploid Mating System. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [53] Das, S., Singh, G., Pujar, S., and Koduru, P.: Ant Colony Algorithms for Routing in Sensor Networks. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [54] Salazar, D., Galvan, B., and Winter, G.: Enhancing A Multiobjective Evolutionary Algorithm Through Flexible Evolution. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [55] Woodward, J.: Simple Incremental Testing. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [56] KHosraviani, B., Levitt, R. E., and Koza, J. R.: Organization Design Optimization Using Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [57] Simske, S. J. and Matthews, D. C.: Navigation Using Inverting Genetic Algorithms: Initial Conditions and Node-Node Transitions. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [58] Settles, M. and Soule, T.: Breeding Swarms: A GA/PSO Hybrid. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [59] Khalifa, Y. M. A., Shi, H., and Abreu, G.: Evolutionary Music Composer. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [60] Vandecasteele, F. P. J., Hess, T. F., and Crawford, R. L.: A Correlated Fitness Landscape Describes Growth in Experimental Microbial Ecosystems: Initial Results. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)

- [61] Chia, H. W.-K. and Tan, C.-L.: Association-Based Evolution of Comprehensible Neural Logic Networks. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [62] Chen, S.-H. and Chie, B.-T.: Functional Modularity in the Test Bed of Economic Theory – Using Genetic Programming. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [63] Lipson, H.: How to Draw a Straight Line Using a GP: Benchmarking Evolutionary Design Against 19th Century Kinematic Synthesis. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [64] Khalifa, Y. and Okoene, E.: An Autonomous Agent-Based Surveillance System. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [65] Zykov, V., Bongard, J., and Lipson, H.: Evolving Dynamic Gaits on a Physical Robot. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [66] Gomez, O. and Baran, B.: Relationship between Genetic Algorithms and Ant Colony Optimization. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [67] Popovici, E. and De Jong, K.: Understanding Competitive Co-evolutionary Dynamics via Fitness Landscapes. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [68] Kaige, S., Narukawa, K., and Ishibuchi, H.: Lamarckian Repair and Darwinian Repair in EMO Algorithms for Multiobjective 0/1 Knapsack Problems. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [69] Kazadi, S., Johnson, D., Melendez, J., and Goo, B.: Exhaustive Directed Search. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [70] Ando, S. and Kobayashi, S.: On the sampling property of real-parameter crossover. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [71] Aldwoodi, N. and Perez, R.: Advanced Formula Prediction using Simulated Annealing. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [72] Kumar, S.: The Evolution of Genetic Regulatory Networks for Single and Multicellular Development. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [73] Citi, L., Poli, R., Cinel, C., and Sepulveda, F.: Feature Selection and Classification in Brain Computer Interfaces by a Genetic Algorithm. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [74] Timm, R. W. and Lipson, H.: Periodicity Emerges from Evolved Energy-Efficient and Long-Range Brachiation. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)
- [75] Holmes, J. H., Sager, J. A., and Bilker, W. B.: Methods for Covering Missing Data in XCS. In Keijzer, M., ed., *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*. Seattle, Washington, USA (2004)