## Список литературы

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

- [16] H. FERNLUND and A. J. GONZALEZ, Using GP to Model Contextual Human Behavior -Competitive with Human Modeling Performance, in *Late Breaking Papers at the 2004 Genetic* and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [17] D. BASANTA, M. MIODOWNIK, P. BENTLEY, and E. HOLM, Investigating the evolvability of biologically inspired CA, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [18] L. Poladian and L. Jermiin, Phylogenetic inference using evolutionary multi-objective optimisation, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [19] P. Gang, I. Iimura, H. Tsurusawa, and S. Nakayama, A Local Search Algorithm Based on Genetic Recombination for Traveling Salesman Problem, in *Late Breaking Papers at the 2004* Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [20] D. James and P. Tucker, A Comparative Analysis of Simplification and Complexification in the Evolution of Neural Network Topologies, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [21] M. P. KASINADHUNI, M. L. GARGANO, J. DECICCO, and W. EDELSON, SELF-ADAPTATION IN GENETIC ALGORITHMS USING MULTIPLE GENOMIC REDUNDANT REPRESENTATIONS, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [22] J. Thangavelautham and G. M. T. D'Eleuterio, application of a Neuroevolutionary Approach to Emergent Task Decomposition in Collective Robotics, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [23] F. D. Francone, L. M. Deschaine, T. Battenhouse, and J. J. Warren, Discrimination of Unexploded Ordnance from Clutter Using Linear Genetic Programming, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [24] X. LI, C. Zhou, P. C. Nelson, and T. M. Tirpak, Investigation of Constant Creation Techniques in the Context of Gene Expression Programming, in *Late Breaking Papers at the 2004* Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [25] E. J. P. EARON and G. M. T. D'ELEUTERIO, An Agent Too Far: The Genetic Distance Evaluation of a Simulated World, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [26] Z. Skolicki and K. De Jong, Improving Evolutionary Algorithms with Multi-representation Island Models, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [27] K.-Y. LEE, M.-L. WONG, Y. LIANG, K.-S. LEUNG, and K.-H. LEE, A-HEP: Adaptive Hybrid Evolutionary Programming for Learning Bayesian Networks, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [28] R. Lefuel and B. J. Ross, Parsing Probabilistic Context Free Languages with Multi-Objective Genetic Algorithms, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.

- [29] N. Aldawoodi, R. Perez, W. Alvis, and K. Valavanis, Developing Automated Helicopter Models Using Simulated Annealing and Genetic Search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [30] B. BAGOT and H. POHLHEIM, Complementary selection and variation for an efficient multiobjective optimization of complex systems, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [31] V. LEFORT, C. KNIBBE, G. BESLON, and J. FAVREL, The RBF-Gene model, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [32] C. Rotar, An Evolutionary Technique for Multicriterial Optimization Based on Endocrine Paradigm, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [33] S. Stone, B. Pillmore, and W. Cyre, Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [34] C. Grosan, An Evolutionary Approach for Multiobjective Optimization using Adaptive Representation of Solutions, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [35] B. MEYER, Convergence Control in ACO, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [36] S. Mabu, K. Hirasawa, and J. Hu, Genetic Network Programming with Reinforcement Learning and its Performance Evaluation, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [37] C. K. Monson and K. D. Seppi, Improving on the Kalman Swarm: Extracting its Essential Characteristics, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [38] R. Cummins and C. O'Riordan, Using Genetic Programming to Evolve Weighting Schemes for the Vector Space Model of Information Retrieval, in *Late Breaking Papers at the 2004 Genetic* and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [39] D. Oberoi and B. Rylander, Determining the Best Parent Selection Method for a Genetic Algorithm through Varying Problem Sizes and Complexities, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [40] S. Stone, B. Pillmore, and W. Cyre, Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [41] E. B. TCHERNEV and D. S. PHATAK, Control structures in linear and stack-based Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [42] M. Amin and M. Premaratne, Constraint Handling of an Optical Components Selection Problem using a new Genetic Crossover Scheme, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [43] S. DONCIEUX, S. LANDAU, and N. GUELFI, EcoSFERES: A Tool for the Design of Self-Organized Agent-Based Applications, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.

- [44] T. Murata and T. Nakamura, Developing Cooperation of Multiple Agents Using Genetic Network Programming with Automatically Defined Groups, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [45] K. Kostikas and C. Fragakis, Genetic Programming for Guiding Branch and Bound Search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [46] R. Crawford-Marks, L. Spector, and J. Klein, Virtual Witches and Warlocks: A Quidditch Simulator and Quidditch-Playing Teams Coevolved via Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [47] S. A. Rojas and P. J. Bentley, A Grid-based Ant Colony System for Automatic Program Synthesis, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [48] W. B. LANGDON and W. BANZHAF, Repeated Sequences in Linear GP Genomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. KEIJZER, Seattle, Washington, USA, 2004.
- [49] J. C. F. Pujol and R. Poli, A Highly Efficient Function Optimization with Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [50] G. CERVONE, L. PANAIT, R. SINGH, M. KAFATOS, and S. LUKE, An Application of Evolutionary Algorithms to Predict the Extent of SLHF Anomaly Associated with Coastal Earthquake, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [51] K. Rodriguez-Vazquez and C. Oliver-Morales, Function Approximation by means of Multi-Branches Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [52] E. Buehler, S. Das, and J. F. Cully, Equilibrium and Extinction In a Trisexual Diploid Mating System, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [53] S. Das, G. Singh, S. Pujar, and P. Koduru, Ant Colony Algorithms for Routing in Sensor Networks, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [54] D. Salazar, B. Galvan, and G. Winter, Enhancing A Multiobjective Evolutionary Algorithm Through Flexible Evolution, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [55] J. WOODWARD, Simple Incremental Testing, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [56] B. KHOSRAVIANI, R. E. LEVITT, and J. R. KOZA, Organization Design Optimization Using Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [57] S. J. Simske and D. C. Matthews, Navigation Using Inverting Genetic Algorithms: Initial Conditions and Node-Node Transitions, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [58] M. Settles and T. Soule, Breeding Swarms: A GA/PSO Hybrid, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.

- [59] Y. M. A. Khalifa, H. Shi, and G. Abreu, Evolutionary Music Composer, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [60] F. P. J. VANDECASTEELE, T. F. HESS, and R. L. CRAWFORD, A Correlated Fitness Landscape Describes Growth in Experimental Microbial Ecosystems: Initial Results, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [61] H. W.-K. Chia and C.-L. Tan, Association-Based Evolution of Comprehensible Neural Logic Networks, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [62] S.-H. Chen and B.-T. Chie, Functional Modularity in the Test Bed of Economic Theory Using Genetic Programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [63] H. Lipson, How to Draw a Straight Line Using a GP: Benchmarking Evolutionary Design Against 19th Century Kinematic Synthesis, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [64] Y. Khalifa and E. Okoene, An Autonomous Agent-Based Surveillance System, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [65] V. ZYKOV, J. BONGARD, and H. LIPSON, Evolving Dynamic Gaits on a Physical Robot, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [66] O. Gomez and B. Baran, Relationship between Genetic Algorithms and Ant Colony Optimization, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [67] E. POPOVICI and K. DE JONG, Understanding Competitive Co-evolutionary Dynamics via Fitness Landscapes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [68] S. Kaige, K. Narukawa, and H. Ishibuchi, Lamarckian Repair and Darwinian Repair in EMO Algorithms for Multiobjective 0/1 Knapsack Problems, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [69] S. KAZADI, D. JOHNSON, J. MELENDEZ, and B. GOO, Exhaustive Directed Search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [70] S. Ando and S. Kobayashi, On the sampling property of real-parameter crossover, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [71] N. ALDWOODI and R. PEREZ, Advanced Formula Prediction using Simulated Annealing, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [72] S. Kumar, The Evolution of Genetic Regulatory Networks for Single and Multicellular Development, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [73] L. CITI, R. POLI, C. CINEL, and F. SEPULVEDA, Feature Selection and Classification in Brain Computer Interfaces by a Genetic Algorithm, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.

- [74] R. W. TIMM and H. LIPSON, Periodicity Emerges from Evolved Energy-Efficient and Long-Range Brachiation, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.
- [75] J. H. Holmes, J. A. Sager, and W. B. Bilker, Methods for Covering Missing Data in XCS, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by M. Keijzer, Seattle, Washington, USA, 2004.