

## Список литературы

- [Aldawoodi et al., 2004] Aldawoodi, N.; Perez, R.; Alvis, W.; and Valavanis, K. (2004). "Developing Automated Helicopter Models Using Simulated Annealing and Genetic Search". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Aldwoodi and Perez, 2004] Aldwoodi, N. and Perez, R. (2004). "Advanced Formula Prediction using Simulated Annealing". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Amin and Premaratne, 2004] Amin, M. and Premaratne, M. (2004). "Constraint Handling of an Optical Components Selection Problem using a new Genetic Crossover Scheme". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Ando and Kobayashi, 2004] Ando, S. and Kobayashi, S. (2004). "On the sampling property of real-parameter crossover". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Bagot, 2004] Bagot, B. (2004). "The Harmonic Decision Matrix: a group of operators for the fuzzy-logic, multi-objective decisions and optimizations". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [BAGOT and POHLHEIM, 2004] BAGOT, B. and POHLHEIM, H. (2004). "Complementary selection and variation for an efficient multiobjective optimization of complex systems". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Banks et al., 2004] Banks, E. R.; Hayes, J.; and Nunez, E. (2004). "Parametric Regression Through Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Barlow et al., 2004] Barlow, G. J.; Oh, C. K.; and Grant, E. (2004). "Incremental Evolution of Autonomous Controllers for Unmanned Aerial Vehicles using Multi-objective Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Basanta et al., 2004] Basanta, D.; Miodownik, M.; Bentley, P.; and Holm, E. (2004). "Investigating the evolvability of biologically inspired CA". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Buehler et al., 2004] Buehler, E.; Das, S.; and Cully, J. F. (2004). "Equilibrium and Extinction In a Trisexual Diploid Mating System". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Cervone et al., 2004] Cervone, G.; Panait, L.; Singh, R.; Kafatos, M.; and Luke, S. (2004). "An Application of Evolutionary Algorithms to Predict the Extent of SLHF Anomaly Associated with Coastal Earthquake". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Chen and Chie, 2004] Chen, S.-H. and Chie, B.-T. (2004). "Functional Modularity in the Test Bed of Economic Theory – Using Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Chia and Tan, 2004] Chia, H. W.-K. and Tan, C.-L. (2004). "Association-Based Evolution of Comprehensible Neural Logic Networks". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Citi et al., 2004] Citi, L.; Poli, R.; Cinel, C.; and Sepulveda, F. (2004). "Feature Selection and Classification in Brain Computer Interfaces by a Genetic Algorithm". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.

- [Crawford-Marks et al., 2004] Crawford-Marks, R.; Spector, L.; and Klein, J. (2004). "Virtual Witches and Warlocks: A Quidditch Simulator and Quidditch-Playing Teams Coevolved via Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Cummins and O’Riordan, 2004] Cummins, R. and O’Riordan, C. (2004). "Using Genetic Programming to Evolve Weighting Schemes for the Vector Space Model of Information Retrieval". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Das et al., 2004] Das, S.; Singh, G.; Pujar, S.; and Koduru, P. (2004). "Ant Colony Algorithms for Routing in Sensor Networks". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [DONCIEUX et al., 2004] DONCIEUX, S.; LANDAU, S.; and GUELF, N. (2004). "EcoSFERES: A Tool for the Design of Self-Organized Agent-Based Applications". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Earon and D’Eleuterio, 2004] Earon, E. J. P. and D’Eleuterio, G. M. T. (2004). "An Agent Too Far: The Genetic Distance Evaluation of a Simulated World". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Fernlund and Gonzalez, 2004] Fernlund, H. and Gonzalez, A. J. (2004). "Using GP to Model Contextual Human Behavior - Competitive with Human Modeling Performance". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Francone et al., 2004] Francone, F. D.; Deschaine, L. M.; Battenhouse, T.; and Warren, J. J. (2004). "Discrimination of Unexploded Ordnance from Clutter Using Linear Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Gang et al., 2004] Gang, P.; Iimura, I.; Tsurusawa, H.; and Nakayama, S. (2004). "A Local Search Algorithm Based on Genetic Recombination for Traveling Salesman Problem". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Gomez and Baran, 2004] Gomez, O. and Baran, B. (2004). "Relationship between Genetic Algorithms and Ant Colony Optimization". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Grosan, 2004] Grosan, C. (2004). "An Evolutionary Approach for Multiobjective Optimization using Adaptive Representation of Solutions". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Holmes et al., 2004] Holmes, J. H.; Sager, J. A.; and Bilker, W. B. (2004). "Methods for Covering Missing Data in XCS". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Hsu et al., 2004] Hsu, W. H.; Harmon, S. J.; Rodriguez, E.; and Zhong, C. (2004). "Empirical Comparison of Incremental Reuse Strategies in Genetic Programming for Keep-Away Soccer". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Jakob et al., 2004] Jakob, W.; Blume, C.; and Bretthauer, G. (2004). "Towards a Generally Applicable Self-adapting Hybridization of Evolutionary Algorithms". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.

- [James and Tucker, 2004] James, D. and Tucker, P. (2004). "A Comparative Analysis of Simplification and Complexification in the Evolution of Neural Network Topologies". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Kaige et al., 2004] Kaige, S.; Narukawa, K.; and Ishibuchi, H. (2004). "Lamarckian Repair and Darwinian Repair in EMO Algorithms for Multiobjective 0/1 Knapsack Problems". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Kasinadhuni et al., 2004] Kasinadhuni, M. P.; Gargano, M. L.; DeCicco, J.; and Edelson, W. (2004). "SELF-ADAPTATION IN GENETIC ALGORITHMS USING MULTIPLE GENOMIC REDUNDANT REPRESENTATIONS". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Kazadi et al., 2004] Kazadi, S.; Johnson, D.; Melendez, J.; and Goo, B. (2004). "Exhaustive Directed Search". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Keijzer, 2004] Keijzer, M., editor (2004). *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Khalifa and Okoene, 2004] Khalifa, Y. and Okoene, E. (2004). "An Autonomous Agent-Based Surveillance System". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Khalifa et al., 2004] Khalifa, Y. M. A.; Shi, H.; and Abreu, G. (2004). "Evolutionary Music Composer". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [KHosraviani et al., 2004] KHosraviani, B.; Levitt, R. E.; and Koza, J. R. (2004). "Organization Design Optimization Using Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Kostikas and Fragakis, 2004] Kostikas, K. and Fragakis, C. (2004). "Genetic Programming for Guiding Branch and Bound Search". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Kumar, 2004] Kumar, S. (2004). "The Evolution of Genetic Regulatory Networks for Single and Multicellular Development". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Langdon and Banzhaf, 2004] Langdon, W. B. and Banzhaf, W. (2004). "Repeated Sequences in Linear GP Genomes". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lee et al., 2004a] Lee, C.; Li, Y.-T.; Wu, J.-S.; and Chou, T.-Y. (2004a). "Double Orthogonal Arrays Based Genetic Algorithm for Primer Design". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lee et al., 2004b] Lee, K.-Y.; Wong, M.-L.; Liang, Y.; Leung, K.-S.; and Lee, K.-H. (2004b). "A-HEP: Adaptive Hybrid Evolutionary Programming for Learning Bayesian Networks". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [LEFORT et al., 2004] LEFORT, V.; KNIBBE, C.; BESLON, G.; and FAVREL, J. (2004). "The RBF-Gene model". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lefuel and Ross, 2004] Lefuel, R. and Ross, B. J. (2004). "Parsing Probabilistic Context Free Languages with Multi-Objective Genetic Algorithms". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.

- [Li et al., 2004] Li, X.; Zhou, C.; Nelson, P. C.; and Tirpak, T. M. (2004). "Investigation of Constant Creation Techniques in the Context of Gene Expression Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lipson, 2004] Lipson, H. (2004). "How to Draw a Straight Line Using a GP: Benchmarking Evolutionary Design Against 19th Century Kinematic Synthesis". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lobo, 2004] Lobo, F. G. (2004). "A philosophical essay on life and its connections with genetic algorithms". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Lobo et al., 2004] Lobo, F. G.; Lima, C.; and Martires, H. (2004). "An architecture for massive parallelization of the compact genetic algorithm". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Mabu et al., 2004] Mabu, S.; Hirasawa, K.; and Hu, J. (2004). "Genetic Network Programming with Reinforcement Learning and its Performance Evaluation". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Meyer, 2004] Meyer, B. (2004). "Convergence Control in ACO". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Monson and Seppi, 2004] Monson, C. K. and Seppi, K. D. (2004). "Improving on the Kalman Swarm: Extracting its Essential Characteristics". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Murata and Nakamura, 2004] Murata, T. and Nakamura, T. (2004). "Developing Cooperation of Multiple Agents Using Genetic Network Programming with Automatically Defined Groups". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Oberoi and Rylander, 2004] Oberoi, D. and Rylander, B. (2004). "Determining the Best Parent Selection Method for a Genetic Algorithm through Varying Problem Sizes and Complexities". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Piaseczny et al., 2004] Piaseczny, W.; Suzuki, H.; and Sawai, H. (2004). "Chemical Genetic Programming - The Effect of Evolving Amino Acids". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Poladian and Jermiin, 2004] Poladian, L. and Jermiin, L. (2004). "Phylogenetic inference using evolutionary multi-objective optimisation". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Popovici and De Jong, 2004] Popovici, E. and De Jong, K. (2004). "Understanding Competitive Co-evolutionary Dynamics via Fitness Landscapes". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Pujol and Poli, 2004] Pujol, J. C. F. and Poli, R. (2004). "A Highly Efficient Function Optimization with Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Rodriguez-Vazquez and Oliver-Morales, 2004] Rodriguez-Vazquez, K. and Oliver-Morales, C. (2004). "Function Approximation by means of Multi-Branched Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.

- [Rojas and Bentley, 2004] Rojas, S. A. and Bentley, P. J. (2004). "A Grid-based Ant Colony System for Automatic Program Synthesis". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Rotar, 2004] Rotar, C. (2004). "An Evolutionary Technique for Multicriterial Optimization Based on Endocrine Paradigm". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Salazar et al., 2004] Salazar, D.; Galvan, B.; and Winter, G. (2004). "Enhancing A Multiobjective Evolutionary Algorithm Through Flexible Evolution". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Settles and Soule, 2004] Settles, M. and Soule, T. (2004). "Breeding Swarms: A GA/PSO Hybrid". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Simske and Matthews, 2004] Simske, S. J. and Matthews, D. C. (2004). "Navigation Using Inverting Genetic Algorithms: Initial Conditions and Node-Node Transitions". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Skolicki and De Jong, 2004] Skolicki, Z. and De Jong, K. (2004). "Improving Evolutionary Algorithms with Multi-representation Island Models". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Stone et al., 2004a] Stone, S.; Pillmore, B.; and Cyre, W. (2004a). "Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Stone et al., 2004b] Stone, S.; Pillmore, B.; and Cyre, W. (2004b). "Crossover and Mutation in Genetic Algorithms Using Graph-Encoded Chromosomes". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Tchernev and Phatak, 2004] Tchernev, E. B. and Phatak, D. S. (2004). "Control structures in linear and stack-based Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Thangavelautham and D'Eleuterio, 2004] Thangavelautham, J. and D'Eleuterio, G. M. T. (2004). "application of a Neuroevolutionary Approach to Emergent Task Decomposition in Collective Robotics". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Timm and Lipson, 2004] Timm, R. W. and Lipson, H. (2004). "Periodicity Emerges from Evolved Energy-Efficient and Long-Range Brachiation". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Uyar, 2004] Uyar, A. S. (2004). "An Adaptive Diploid Evolutionary Algorithm for Floating-Point Representations in Dynamic Environments". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Vandecasteele et al., 2004] Vandecasteele, F. P. J.; Hess, T. F.; and Crawford, R. L. (2004). "A Correlated Fitness Landscape Describes Growth in Experimental Microbial Ecosystems: Initial Results". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Wang et al., 2004] Wang, Z. G.; Wong, Y. S.; and Rahman, M. (2004). "Development of the parallel optimization method based on genetic simulated annealing". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Wilson and Heywood, 2004] Wilson, G. C. and Heywood, M. I. (2004). "Search Operator Bias in Linearly Structured Genetic Programming". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.

- [Wloch and Bentley, 2004] Wloch, K. and Bentley, P. J. (2004). "Optimising the Performance of a Formula One Car using a Genetic Algorithm". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Woodward, 2004] Woodward, J. (2004). "Simple Incremental Testing". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Zeng et al., 2004] Zeng, S.; Ding, L.; Yao, S.; and Kang, L. (2004). "KLP Not Always Efficient". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.
- [Zykov et al., 2004] Zykov, V.; Bongard, J.; and Lipson, H. (2004). "Evolving Dynamic Gaits on a Physical Robot". In Keijzer, M., editor, *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, Seattle, Washington, USA.