

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 GUELFY, 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] FRANCONI, F. D., DESCHAIEN, 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.