## Список литературы

- [1] KEIJZER, M., editor, Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, Seattle, Washington, USA, 2004.
- [2] BANKS, E. R. et al., Parametric regression through genetic programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [3] BAGOT, B., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [4] WILSON, G. C. et al., Search operator bias in linearly structured genetic programming, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [5] JAKOB, W. et al., Towards a generally applicable self-adapting hybridization of evolutionary algorithms, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [6] UYAR, A. S., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [7] WLOCH, K. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [8] LEE, C. et al., Double orthogonal arrays based genetic algorithm for primer design, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [9] WANG, Z. G. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [10] PIASECZNY, W. et al., Chemical genetic programming the effect of evolving amino acids, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [11] HSU, W. H. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [12] BARLOW, G. J. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [13] ZENG, S. et al., KLP not always efficient, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [14] LOBO, F. G., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [15] LOBO, F. G. et al., An architecture for massive parallelization of the compact genetic algorithm, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.

- [16] FERNLUND, H. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [17] BASANTA, D. et al., Investigating the evolvability of biologically inspired CA, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [18] POLADIAN, L. et al., Phylogenetic inference using evolutionary multi-objective optimisation, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [19] GANG, P. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [20] JAMES, D. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [21] KASINADHUNI, M. P. et al., Self-adaptation in genetic algorithms using multiple genomic redundant representations, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [22] THANGAVELAUTHAM, J. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [23] FRANCONE, F. D. et al., Discrimination of unexploded ordnance from clutter using linear genetic programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [24] LI, X. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [25] EARON, E. J. P. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [26] SKOLICKI, Z. et al., Improving evolutionary algorithms with multi-representation island models, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [27] LEE, K.-Y. et al., A-HEP: Adaptive hybrid evolutionary programming for learning bayesian networks, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [28] LEFUEL, R. et al., Parsing probabilistic context free languages with multi-objective genetic algorithms, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [29] ALDAWOODI, N. et al., Developing automated helicopter models using simulated annealing and genetic search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [30] BAGOT, B. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [31] LEFORT, V. et al., The RBF-Gene model, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.

- [32] ROTAR, C., An evolutionary technique for multicriterial optimization based on endocrine paradigm, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [33] STONE, S. et al., Crossover and mutation in genetic algorithms using graph-encoded chromosomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [34] GROSAN, C., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [35] MEYER, B., Convergence control in ACO, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [36] MABU, S. et al., Genetic network programming with reinforcement learning and its performance evaluation, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [37] MONSON, C. K. et al., Improving on the kalman swarm: Extracting its essential characteristics, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [38] CUMMINS, R. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [39] OBEROI, D. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [40] STONE, S. et al., Crossover and mutation in genetic algorithms using graph-encoded chromosomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [41] TCHERNEV, E. B. et al., Control structures in linear and stack-based genetic programming, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [42] AMIN, M. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [43] DONCIEUX, S. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [44] MURATA, T. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [45] KOSTIKAS, K. et al., Genetic programming for guiding branch and bound search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [46] CRAWFORD-MARKS, R. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.

- [47] ROJAS, S. A. et al., A grid-based ant colony system for automatic program synthesis, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [48] LANGDON, W. B. et al., Repeated sequences in linear gp genomes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [49] PUJOL, J. C. F. et al., A highly efficient function optimization with genetic programming, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [50] CERVONE, G. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [51] RODRIGUEZ-VAZQUEZ, K. et al., Function approximation by means of multi-branches genetic programming, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [52] BUEHLER, E. et al., Equilibrium and extinction in a trisexual diploid mating system, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [53] DAS, S. et al., Ant colony algorithms for routing in sensor networks, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [54] SALAZAR, D. et al., Enhancing a multiobjective evolutionary algorithm through flexible evolution, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [55] WOODWARD, J., Simple incremental testing, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [56] KHOSRAVIANI, B. et al., Organization design optimization using genetic programming, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [57] SIMSKE, S. J. et al., Navigation using inverting genetic algorithms: Initial conditions and nodenode transitions, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [58] SETTLES, M. et al., Breeding swarms: A GA/PSO hybrid, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [59] KHALIFA, Y. M. A. et al., Evolutionary music composer, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [60] VANDECASTEELE, F. P. J. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [61] CHIA, H. W.-K. et al., Association-based evolution of comprehensible neural logic networks, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [62] CHEN, S.-H. et al., 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 KEIJZER, M., 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 *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [64] KHALIFA, Y. et al., An autonomous agent-based surveillance system, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [65] ZYKOV, V. et al., Evolving dynamic gaits on a physical robot, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [66] GOMEZ, O. et al., Relationship between genetic algorithms and ant colony optimization, in Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [67] POPOVICI, E. et al., Understanding competitive co-evolutionary dynamics via fitness landscapes, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [68] KAIGE, S. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [69] KAZADI, S. et al., Exhaustive directed search, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [70] ANDO, S. et al., On the sampling property of real-parameter crossover, in *Late Breaking Papers* at the 2004 Genetic and Evolutionary Computation Conference, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [71] ALDWOODI, N. et al., Advanced formula prediction using simulated annealing, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [72] KUMAR, S., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [73] CITI, L. et al., 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 KEIJZER, M., Seattle, Washington, USA, 2004.
- [74] TIMM, R. W. et al., Periodicity emerges from evolved energy-efficient and long-range brachiation, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.
- [75] HOLMES, J. H. et al., Methods for covering missing data in XCS, in *Late Breaking Papers at the 2004 Genetic and Evolutionary Computation Conference*, edited by KEIJZER, M., Seattle, Washington, USA, 2004.