

## Список литературы

- [1] LONES, M. A. et al., The evolutionary computation approach to motif discovery in biological sequences, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 1–11, Washington, D.C., USA, 2005, ACM Press.
- [2] ABBOTT, R., Challenges for biologically-inspired computing, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 12–22, Washington, D.C., USA, 2005, ACM Press.
- [3] YANG, S. et al., Evolutionary algorithms for dynamic optimization problems: Workshop preface, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 23–24, Washington, D.C., USA, 2005, ACM Press.
- [4] YOUNES, A. et al., Generalized benchmark generation for dynamic combinatorial problems, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 25–31, Washington, D.C., USA, 2005, ACM Press.
- [5] RAND, W. et al., Measurements for understanding the behavior of the genetic algorithm in dynamic environments: A case study using the shaky ladder hyperplane-defined functions, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 32–38, Washington, D.C., USA, 2005, ACM Press.
- [6] BOSMAN, P. A. N., Learning, anticipation and time-deception in evolutionary online dynamic optimization, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 39–47, Washington, D.C., USA, 2005, ACM Press.
- [7] BOUMAZA, A., Learning environment dynamics from self-adaptation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 48–54, Washington, D.C., USA, 2005, ACM Press.
- [8] LIM, D. et al., Inverse multi-objective robust evolutionary design optimization in the presence of uncertainty, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 55–62, Washington, D.C., USA, 2005, ACM Press.
- [9] GAO, Y. et al., Learning classifier system ensemble for data mining, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 63–66, Washington, D.C., USA, 2005, ACM Press.
- [10] HOLMES, J. H., Detection of sentinel predictor-class associations with XCS:a sensitivity analysis, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 67–71, Washington, D.C., USA, 2005, ACM Press.
- [11] GU, D. et al., Incremental gradient descent imputation method for missing data in learning classifier systems, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 72–73, Washington, D.C., USA, 2005, ACM Press.
- [12] ORRIOLS, A. et al., The class imbalance problem in learning classifier systems:a preliminary study, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 74–78, Washington, D.C., USA, 2005, ACM Press.
- [13] BARONTI, F. et al., Post-processing clustering to reduce XCS variability, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 79–81, Washington, D.C., USA, 2005, ACM Press.
- [14] MELLOR, D., Policy transfer with a relational learning classifier system, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 82–84, Washington, D.C., USA, 2005, ACM Press.

- [15] DAM, H. H. et al., Be real! XCS with continuous-valued inputs, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 85–87, Washington, D.C., USA, 2005, ACM Press.
- [16] LLORÀ, X. et al., Binary rule encoding schemes: A study using the compact classifier system, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 88–89, Washington, D.C., USA, 2005, ACM Press.
- [17] BOOKER, L. B., Adaptive value function approximations in classifier systems, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 90–91, Washington, D.C., USA, 2005, ACM Press.
- [18] WADA, A. et al., Learning classifier system equivalent with reinforcement learning with function approximation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 92–93, Washington, D.C., USA, 2005, ACM Press.
- [19] WADA, A. et al., Counter example for q-bucket-brigade under prediction problem, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 94–99, Washington, D.C., USA, 2005, ACM Press.
- [20] HAMZEH, A. et al., Intelligent exploration method for XCS, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 100–102, Washington, D.C., USA, 2005, ACM Press.
- [21] MCMAHON, A. et al., An autonomous explore/exploit strategy, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 103–108, Washington, D.C., USA, 2005, ACM Press.
- [22] INOUE, H. et al., Exploring XCS in multiagent environments, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 109–111, Washington, D.C., USA, 2005, ACM Press.
- [23] SOOD, N. P. et al., Evaluating the XCS learning classifier system in competitive simultaneous learning environments, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 112–118, Washington, D.C., USA, 2005, ACM Press.
- [24] SMITH, N. W. et al., RCS: A learning classifier systems for evolutionary robotics, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 119–120, Washington, D.C., USA, 2005, ACM Press.
- [25] ESTERLINE, A. et al., A framework for learning coordinated behavior, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 121–124, Washington, D.C., USA, 2005, ACM Press.
- [26] BOURGEOIS-REPUBLIQUE, C. et al., Using an interactive evolutionary algorithm to help fitting a cochlear implant, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 133–139, Washington, D.C., USA, 2005, ACM Press.
- [27] MAÑANA, G. et al., Distributed genetic algorithm for subtraction radiography, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 140–146, Washington, D.C., USA, 2005, ACM Press.
- [28] PASSARO, A. et al., Exploring relationships between genotype and oral cancer development through XCS, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 147–151, Washington, D.C., USA, 2005, ACM Press.

- [29] PETROVSKI, A. et al., Smart problem solving environment for medical decision support, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 152–158, Washington, D.C., USA, 2005, ACM Press.
- [30] STEPHENS, C. R. et al., Predicting healthcare costs using GAs, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 159–163, Washington, D.C., USA, 2005, ACM Press.
- [31] SICCAMI, I. et al., Genetic programming as a method to develop powerful predictive models for clinical diagnosis, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 164–166, Washington, D.C., USA, 2005, ACM Press.
- [32] DAY, R. O. et al., MOEA design of robust digital symbol sets, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 167–169, Washington, D.C., USA, 2005, ACM Press.
- [33] LAROCHE, P. et al., 802.11 network intrusion detection using genetic programming, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 170–171, Washington, D.C., USA, 2005, ACM Press.
- [34] OH, J. C. et al., Text-independent open-set speaker identification for military missions using genetic rule-based system, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 172–174, Washington, D.C., USA, 2005, ACM Press.
- [35] RIDDER, J. P., Evolutionary computation methods for synchronization of effects based operations, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 175–177, Washington, D.C., USA, 2005, ACM Press.
- [36] SHAPIRO, J. M. et al., An evolutionary algorithm to generate ellipsoid network intrusion detectors, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 178–180, Washington, D.C., USA, 2005, ACM Press.
- [37] THIE, C. J. et al., Using evolutionary algorithms and dynamic programming to solve uncertain multi-criteria optimisation problems with application to lifetime management for military platforms, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 181–183, Washington, D.C., USA, 2005, ACM Press.
- [38] HUSSAIN, T. S. et al., Tactical UGV navigation and logistics planning, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 184–186, Washington, D.C., USA, 2005, ACM Press.
- [39] MCDONNELL, J. et al., Rapid asset allocation for dynamic TACAIR decision support, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 187–189, Washington, D.C., USA, 2005, ACM Press.
- [40] MOORE, F. et al., Evolving next generation signal compression and reconstruction transforms via genetic algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 190–192, Washington, D.C., USA, 2005, ACM Press.
- [41] KLEEMAN, M. P. et al., Solving the aircraft engine maintenance scheduling problem using a multi-objective evolutionary algorithm, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 196–198, Washington, D.C., USA, 2005, ACM Press.

- [42] MÜHLENBEIN, H. et al., Approximate factorizations of distributions and the minimum relative entropy principle, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 199–211, Washington, D.C., USA, 2005, ACM Press.
- [43] SAMPLES, M. E. et al., Parameter sweeps for exploring GP parameters, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 212–219, Washington, D.C., USA, 2005, ACM Press.
- [44] PISZCZ, A. et al., Genetic programming: Parametric analysis of structure altering mutation techniques, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 220–227, Washington, D.C., USA, 2005, ACM Press.
- [45] LOBO, F. G. et al., A review of adaptive population sizing schemes in genetic algorithm, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 228–234, Washington, D.C., USA, 2005, ACM Press.
- [46] CLUNE, J. et al., Investigations in meta-GAs: Panaceas or pipe dreams?, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 235–241, Washington, D.C., USA, 2005, ACM Press.
- [47] BIDLO, M. et al., Providing information from the environment for growing electronic circuits through polymorphic gates, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 242–248, Washington, D.C., USA, 2005, ACM Press.
- [48] GALLINI, A. et al., Bio molecular engine: A bio-inspired environment for models of growing and evolvable computation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 249–256, Washington, D.C., USA, 2005, ACM Press.
- [49] REISINGER, J. et al., Towards an empirical measure of evolvability, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 257–264, Washington, D.C., USA, 2005, ACM Press.
- [50] RIEFFEL, J. et al., Evolutionary fabrication: The emergence of novel assembly methods in artificial ontogenies, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 265–272, Washington, D.C., USA, 2005, ACM Press.
- [51] VISWANATHAN, S. et al., How artificial ontogenies can retard evolution, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 273–280, Washington, D.C., USA, 2005, ACM Press.
- [52] WILES, J. et al., There’s more to a model than code: understanding and formalizing in silico modeling experience, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 281–288, Washington, D.C., USA, 2005, ACM Press.
- [53] BIDLO, M., A benchmark for the sorting network problem, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 289–291, Washington, D.C., USA, 2005, ACM Press.
- [54] GARIBAY, I. et al., On location independent representations and self-organization, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 292–292, Washington, D.C., USA, 2005, ACM Press.
- [55] MIERSWA, I. et al., Method trees: Building blocks for self-organizable representations of value series, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 293–300, Washington, D.C., USA, 2005, ACM Press.

- [56] OTTER, T., Genotype, phenotype and ontogeny, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 301–301, Washington, D.C., USA, 2005, ACM Press.
- [57] LEWIS, J. et al., Behaviorally coupled emergent representation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 302–303, Washington, D.C., USA, 2005, ACM Press.
- [58] KUMAR, S., A developmental genetics-inspired approach to robot control, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 304–309, Washington, D.C., USA, 2005, ACM Press.
- [59] BURJORJEE, K. et al., Theme preservation and the evolution of representation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 310–320, Washington, D.C., USA, 2005, ACM Press.
- [60] de Jong, E. D. et al., A generator for hierarchical problems, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 321–326, Washington, D.C., USA, 2005, ACM Press.
- [61] JANIKOW, C. Z., Adaptable representation in GP, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 327–331, Washington, D.C., USA, 2005, ACM Press.
- [62] MORAGLIO, A. et al., Topological crossover for the permutation representation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 332–338, Washington, D.C., USA, 2005, ACM Press.
- [63] TOUSSAINT, M., Factorial representations to generate arbitrary search distributions, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 339–345, Washington, D.C., USA, 2005, ACM Press.
- [64] BERNTSSON, J., G2DGA: An adaptive framework for internet-based distributed genetic algorithms, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 346–349, Washington, D.C., USA, 2005, ACM Press.
- [65] DEMPSEY, I., Constant generation for the financial domain using grammatical evolution, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 350–353, Washington, D.C., USA, 2005, ACM Press.
- [66] FOONG, W. K. et al., Ant colont optimization for power plant maintenance scheduling optimization, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 354–357, Washington, D.C., USA, 2005, ACM Press.
- [67] HAYES, C. S. M. et al., Hyperbolic fixed points are typical in the space of mixing operators for the infinite population genetic algorithm, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 358–361, Washington, D.C., USA, 2005, ACM Press.
- [68] BECERRA, R. L. et al., Use of domain information to improve the performance of an evolutionary algorithm, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 362–365, Washington, D.C., USA, 2005, ACM Press.
- [69] LAPOINTE, F.-J., Choreogenetics: the generation of choreographic variants through genetic mutations and selection, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 366–369, Washington, D.C., USA, 2005, ACM Press.

- [70] LEHMANN, K. A., Why simulating evolutionary processes is just as interesting as applying them, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 370–373, Washington, D.C., USA, 2005, ACM Press.
- [71] LOIACONO, D. et al., Improving generalization in the XCSF classifier system using linear least-squares, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 374–377, Washington, D.C., USA, 2005, ACM Press.
- [72] MAJEED, H., A new approach to evaluate GP schema in context, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 378–381, Washington, D.C., USA, 2005, ACM Press.
- [73] KHEMKA, N. et al., Making soccer kicks better: A study in particle swarm optimization, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 382–385, Washington, D.C., USA, 2005, ACM Press.
- [74] SKOLICKI, Z., An analysis of island models in evolutionary computation, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 386–389, Washington, D.C., USA, 2005, ACM Press.
- [75] KAHRAMAN, A. et al., Healthy daily meal planner, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 390–393, Washington, D.C., USA, 2005, ACM Press.
- [76] KARPUZCU, U. R., Automatic verilog code generation through grammatical evolution, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 394–397, Washington, D.C., USA, 2005, ACM Press.
- [77] KOWALL, C. A., Braitenberg simulations as vehicles of evolution, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 398–401, Washington, D.C., USA, 2005, ACM Press.
- [78] KRIPLEAN, T. L., Evolving an ecology of two-tiered organizations, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 402–406, Washington, D.C., USA, 2005, ACM Press.
- [79] Suarez Pinzon, D. E. et al., Evolving object oriented agent programs in robocup domain, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 407–410, Washington, D.C., USA, 2005, ACM Press.
- [80] VISHAKH et al., A resource-allocation mechanism for multiagent networks, in *Genetic and Evolutionary Computation Conference (GECCO2005) workshop program*, edited by ROTHLAUF, F. et al., pages 411–414, Washington, D.C., USA, 2005, ACM Press.