

Список литературы

- [1] Barry, A. M. (ed.) (2002) *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, AAAI.
- [2] Jin, Y., Louis, S. J., and Rasheed, K. M. (2002) Approximation and learning in evolutionary computation: Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 2, AAAI.
- [3] Jin, Y. (2002) Fitness approximation in evolutionary computation - A survey. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 3–4, AAAI.
- [4] Castellano, G., Fanelli, A., Gentile, E., and Roselli, T. (2002) A GA-based approach to optimization of fuzzy models learned from data. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 5–8, AAAI.
- [5] Hassan, K. and Conner, M. (2002) Predicting feedback polynomial of LFSR using genetic algorithms. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 9–12, AAAI.
- [6] Hüsken, Y. J. M. and Sendhoff, B. (2002) Structure optimization of neural networks for evolutionary design optimization. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 13–16, AAAI.
- [7] Rasheed, K., Ni, X., and Vattam, S. (2002) Comparison of methods for using reduced models to speed up design optimization. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 17–20, AAAI.
- [8] Louis, S. J. (2002) Genetic learning for combinational logic design. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 21–26, AAAI.
- [9] Pérez, E. I., Coello, C. A. C., and Aguirre, A. H. (2002) Extracting and re-using design patterns from genetic algorithms using case-based reasoning. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 27–30, AAAI.
- [10] Congdon, C. B. (2002) An evolutionary algorithms approach to phylogenetics. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 32–34, AAAI.
- [11] Dinse, H. R., Hüsken, M., Igel, C., Klaes, C., Nunkesser, M., Schneider, S., and Wiemer, J. (2002) Derandomized evolution strategies in computational neuroscience. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 35–37, AAAI.
- [12] Hoffmann, J. P., Ellingwood, C. D., Bonsu, O. M., and Bentil, D. E. (2002) Turning genes off and on: Using genetic algorithms with complexity-based fitness for model selection in ecology. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 38–40, AAAI.
- [13] Judd, J. S. (2002) Recombination with meta-knowledge. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 41, AAAI.
- [14] Krasnogor, N. and Smith, J. E. (2002) Multimeme algorithms for the structure prediction and structure comparison of proteins. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 42–44, AAAI.

- [15] Shyu, C. and Foster, J. (2002) Evolutionary approach for inferring phylogenetic trees. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 45–47, AAAI.
- [16] Granda, W. A. V., Perrizo, W., and Deckard, E. L. (2002) Biological systems, boolean networks, association rule mining and the peano count trees (P-trees) for phylogenomic expression profiling. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 48, AAAI.
- [17] Yoshida, T., Hiroyasu, T., Miki, M., Ogura, M., and Okamoto, Y. (2002) Energy minimization of protein tertiary structure by parallel simulated annealing using genetic crossover. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 49–51, AAAI.
- [18] Smith, R., Bonacina, C., Hoile, C., and Marrow, P. (2002) Evolutionary computation and multi-agent systems (ECOMAS 2002): Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 54–56, AAAI.
- [19] Ghenniwa, H. and Areibi, S. (2002) Agent orientation for evolutionary computation. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 57–64, AAAI.
- [20] Phelps, S., Parsons, S., McBurney, P., and Sklar, E. (2002) Co-evolution of auction mechanisms and trading strategies: Towards a novel approach to microeconomic design. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 65–72, AAAI.
- [21] Spector, L. and Robinson, A. (2002) Multi-type, self-adaptive genetic programming as an agent creation tool. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 73–80, AAAI.
- [22] Wyatt, D. and Bull, L. (2002) An investigation into island model rule migration for a number of mobile autonomous learning classifier system agents. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 81–86, AAAI.
- [23] Roy, R. and Ashutosh, T. (2002) Evolutionary computing for optimization in industry: Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 88, AAAI.
- [24] Williams, W. (2002) Metaheuristic algorithm design for product development. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 89–94, AAAI.
- [25] Baydar, C. (2002) A hybrid parallel simulated annealing algorithm to optimize store performance. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 95–100, AAAI.
- [26] Panyaworayan, W. and Wuetschner, G. (2002) Time series prediction using a recursive algorithm of a combination of genetic programming and constant optimization. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 101–107, AAAI.
- [27] Tiwari, A. and Roy, R. (2002) Application of generalised regression GA for designing a turbine blade cooling system. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 108–113, AAAI.
- [28] Ryan, C. and O’Neill, M. (2002) How to do anything with grammars. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 116–119, AAAI.

- [29] Hemberg, M. and O'Reilly, U.-M. (2002) GENR8 - using grammatical evolution in A surface design tool. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 120–123, AAAI.
- [30] Nicolau, M. and Ryan, C. (2002) On the use of gene dependency to avoid deceptive traps. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 124–127, AAAI.
- [31] Keijzer, M. and Cattolico, M. (2002) An example of the use of context-sensitive constraints in the ALP system. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 128–132, AAAI.
- [32] Brabazon, T. and O'Neill, M. (2002) Trading foreign exchange markets using evolutionary automatic programming. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 133–136, AAAI.
- [33] O'Driscoll, M., McKenna, S., and Collins, J. J. (2002) Synthesising edge detectors with grammatical evolution. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 137–140, AAAI.
- [34] O'Neill, M. and Ryan, C. (2002) Investigations into memory in grammatical evolution. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 141–144, AAAI.
- [35] Abboud, K., Marthiot, X., and Schoenauer, M. (2002) Deterministic function learning within evolutionary algorithms. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 148–151, AAAI.
- [36] Büche, D., Milano, M., and Koumoutsakos, P. (2002) Self-organizing maps for multi-objective optimization. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 152–155, AAAI.
- [37] Herdy, M. (2002) Self-adaptive population size and stepsize in combinatorial optimization problems: Solving magic squares as an example. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 156–160, AAAI.
- [38] Müller, S. D., Schraudolph, N. N., Koumoutsakos, P., and Hansen, N. (2002) Step size adaptation in evolution strategies - two approaches. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 161–164, AAAI.
- [39] Ratle, A. and Sebag, M. (2002) Stochastic grammatical programming to avoid the bloat. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 165–169, AAAI.
- [40] Wang, J. and Terpenney, J. P. (2002) Investigating baldwin effect in design synthesis of dynamic systems. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 170–173, AAAI.
- [41] Rothlauf, F. (2002) Representations for genetic and evolutionary algorithms (ReGEA 2002): Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 176–177, AAAI.
- [42] Gargano, M. L., He, Y., and Edelson, W. (2002) Evolving optimal reliability networks subject to budget constraints using genetic algorithms II. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 178–179, AAAI.

- [43] Julstrom, B. A. (2002) Codings and search space size in genetic algorithms for the leaf-constrained minimum spanning tree problem. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 180–186, AAAI.
- [44] Tanev, I. T., Uozumi, T., and Morotome, Y. (2002) Priority dispatching rules-based genetic representation for hybrid evolutionary algorithm for flexible job shop scheduling problem. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 187–192, AAAI.
- [45] Thierens, D. (2002) Some issues in predictive measures for representation and genetic operator design. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 193–199, AAAI.
- [46] Wu, A. S. and Garibay, I. (2002) The proportional genetic algorithm. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 200–205, AAAI.
- [47] Cowling, P. and Kendall, G. (2002) Scheduling - bringing together theory and practice: Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 208, AAAI.
- [48] Pinedo, M. (2002) Heuristics for planning and scheduling in practice. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 209–210, AAAI.
- [49] Duncan, H., Leconte, G., and Utiger, P. (2002) Using genetic algorithms in industry - art or science? Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 211–214, AAAI.
- [50] Kirchmier, B. (2002) The international production planning and scheduling association (IPPSA). Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 215–219, AAAI.
- [51] Montant, D. (2002) How to make scheduling research relevant. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 220–223, AAAI.
- [52] Weigand, R. P. and De Jong, K. A. (2002) Understanding coevolution - theory and analysis of coevolutionary algorithms: Preface. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, p. 228, AAAI.
- [53] Bucci, A. and Pollack, J. B. (2002) Order-theoretic analysis of coevolution problems: Coevolutionary statics. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 229–235, AAAI.
- [54] Luke, S. and Wiegand, R. P. (2002) When coevolutionary algorithms exhibit evolutionary dynamics. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 236–241, AAAI.
- [55] Stanley, K. O. and Miikkulainen, R. (2002) The dominance tournament method of monitoring progress in coevolution. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 242–248, AAAI.
- [56] Bhanu, B. and Krawiec, K. (2002) Coevolutionary construction of features for transformation of representation in machine learning. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 249–254, AAAI.

- [57] Aguirre, H. and Tanaka, K. (2002) Modeling efficient parallel varying mutation genetic algorithms. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 256–259, AAAI.
- [58] Azad, R. M. A. (2002) A position independent evolutionary automatic programming algorithm - the Chorus system. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 260–263, AAAI.
- [59] Carvalho, D. R. and Freitas, A. A. (2002) A genetic algorithm with sequential niching for discovering small-disjunct rules. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 264–267, AAAI.
- [60] ping Chen, Y. (2002) Using start expression genes for building-block separation in the linkage learning genetic algorithm. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 268–271, AAAI.
- [61] Dias, A., Machado, P., and Cardoso, A. (2002) Improving genome compiler’s performance. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 272–275, AAAI.
- [62] Giacobini, M. and Tomassini, M. (2002) Limiting the number of fitness cases using statistics. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 276–279, AAAI.
- [63] Hamza, K., Mahmoud, H., and Saitou, K. (2002) Design optimization of N-Shaped roof trusses. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 280–283, AAAI.
- [64] Imamura, K. (2002) Abstention reduces errors - decision abstaining N-version genetic programming. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 284–287, AAAI.
- [65] Li, Y. and Kang, L.-S. (2002) A new evolutionary algorithm for solving nonlinear programming problems. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 288–291, AAAI.
- [66] Nicolau, M. (2002) GAUGE and LINKGAUGE: Developing genetic algorithms using grammatical evolution. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 292–295, AAAI.
- [67] Qin, P., Shen, Y., and Zhu, J. (2002) Improved genetic programming with genetic and probabilistic populations. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 296–299, AAAI.
- [68] Shyu, C. and Foster, J. A. (2002) Evolutionary approach for inferring phylogenetic trees. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 300–303, AAAI.
- [69] Tsishkou, D. V. (2002) Face detection, tracking and recognition in video using genetic algorithms. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 304–306, AAAI.
- [70] Vanneschi, L. and Tomassini, M. (2002) A study on fitness distance correlation and problem difficulty for genetic programming. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 307–310, AAAI.

- [71] Westerberg, C. H. (2002) Elite crossover in genetic planning. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 311–314, AAAI.
- [72] Wu, Z. and Kang, L. (2002) A global-local mixed evolutionary algorithm for multimodal function optimization. Barry, A. M. (ed.), *GECCO 2002: Proceedings of the Bird of a Feather Workshops, Genetic and Evolutionary Computation Conference*, New York, 8 July, pp. 315–318, AAAI.