## Список литературы

- [1] PANAIT, L. et al., A comparison of two competitive fitness functions, 2002, Submitted to GECCO 2002.
- [2] ANGELINE, P. et al., Competitive environments evolve better solutions for complex tasks, pages 264–270.
- [3] CLIFF, D. et al., Tracking the red queen: Measurements of adaptive progress in co-evolutionary sumulations, in *Proceedings of the Third European Conference on Artificial Life*, pages 200–218, Springer-Verlag, 1995.
- [4] ERIKSSON, R. et al., Cooperative coevolution in inventory control optimisation, in *Proceedings of the Third International Conference on Artificial Neural Networks and Genetic Algorithms*, edited by SMITH, G. et al., University of East Anglia, Norwich, UK, 1997, Springer.
- [5] FICICI, S. et al., A game-theoretic approach to the simple coevolutionary algorithm, pages 467–476.
- [6] FICICI, S. et al., Effects of finite populations on evolutionary stable strategies, pages 880–887.
- [7] FICICI, S. et al., Game-theoretic investigation of selection methods used in evolutionary algorithms, pages 880–887.
- [8] FICICI, S. et al., Challenges in coevolutionary learning: Arms-race dynamics, open-endedness, and mediocre stable states, in *Proceedings of the Sixth International Conference on Artificial Life*, edited by ET AL, A., pages 238–247, Cambridge, MA, 1998, MIT Press.
- [9] FICICI, S. et al., Pareto optimality in coevolutionary learning, Technical report, Brandeis University, 2001.
- [10] HILLIS, D., Artificial Life II, SFI Studies in the Sciences of Complexity 10 (1991) 313.
- [11] HUSBANDS, P. et al., Simulated coevolution as the mechanism for emergent planning and scheduling, in *Proceedings of the Fourch International Conference on Genetic Algorithms*, edited by BELEW, R. et al., pages 264–270, Morgan Kaufmann, 1991.
- [12] HUSBANDS, P., Distributed coevolutionary genetic algorithms for multi-criteria and multi-constraint optimisation, in *Evolutionary Computing*, *AISB Workshop for Selected Papers*, pages 150–165, Springer-Verlag, 1994.
- [13] ROSIN, C. et al., Evolutionary Computation 5 (1996) 1.
- [14] JUILLÉ, H. et al., Co-evolving interwined spirals, pages 461–468.
- [15] LUBBERTS, A. et al., Co-evolving a Go-playing neural network, in Coevolution: Turning Adaptive Algorithms upon Themselves, (Birds-on-a-Feather Workshop, Genetic and Evolutionary Computation Conference), 2001.
- [16] MORIARTY, D. E. et al., Connection Science 7 (1995) 105.
- [17] MORIARTY, D. et al., Evolutionary Computation 5 (1997) 373.
- [18] PAREDIS, J., Steps towards co-evolutionary classification networks, in Artificial Life IV, Proceedings of the fourth International Workshop on the Synthesis and Simulation of Living Systems., edited by BROOKS, R. A. et al., pages 359–365, MIT Press, 1994.
- [19] POTTER, M. et al., Evolutionary Computation 8 (2000) 1.
- [20] POTTER, M. et al., A cooperative coevolutionary approach to function optimization, pages 249–257.
- [21] POTTER, M. et al., Evolving neural networks with collaborative species, pages 307–317.

- [22] POTTER, M., The Design and Analysis of a Computational Model of Cooperative CoEvolution, PhD thesis, George Mason University, Fairfax, Virginia, 1997.
- [23] POTTER, M. et al., The coevolution of antibodies for concept learning, pages 530–539.
- [24] ROSIN, C. et al., Evolutionary Computation 5 (1997) 1.
- [25] ROSIN, C. et al., Methods for competitive co-evolution: Finding opponents worth beating, pages 373–380.
- [26] PAREDIS, J., Artificial Life Journal 2 (1996).
- [27] SCHLIERKAMP-VOOSEN, D. et al., Strategy adaptation by competing subpopulations, pages 199–108.
- [28] POLLACK, J. et al., Machine Learning 32 (1998) 225.
- [29] SIMS, K., Evolving three-dimensional morphology and behaviour, in *Evolutionary Design by Computers*, edited by BENTLEY, P., Morgan Kaufmann, 1999.
- [30] POLLACK, J. et al., Coevolution of a backgammon player, in Artificial Life V, MIT Press, 1997.
- [31] MAYER, H., Symbiotic coevolution of artificial neural networks and training data sets, pages 511–520.
- [32] ROSIN, C., Coevolutionary Search Among Adversaries, PhD thesis, University of California, San Diego, 1997.
- [33] WIEGAND, R. P. et al., Analyzing cooperative coevolution with evolutionary game theory, (To appear).
- [34] WIEGAND, R. P., Applying diffusion to a cooperative coevolutionary model, pages 560–569.
- [35] WIEGAND, R. P. et al., An empirical analysis of collaboration methods in cooperative coevolutionary algorithms, pages 1235–1242.
- [36] FOGEL, G. et al., Ecological Modeling **109** (1998) 283.
- [37] FOGEL, D. et al., BioSystems 44 (1995) 135.
- [38] FOGEL, D. et al., Evolutionary stable strategies are not always stable under evolutionary dynamics, in *Proceedings of the Fourth Annual Conference on Evolutionary Programming*, edited by MCDONNEL, J. R. et al., pages 565–577, Cambridge, MA, 1995, MIT Press.
- [39] KAUFFMAN, S., Coevolution to the edge of chaos: coupled fitness landscapes, poised states, and coevolutionary avalanches, in *Artificial Life II: Studies in the Sciences of Complexity*, edited by LANGTON, C. et al., volume X, pages 325–369, Addison-Wesley, 1991.
- [40] PAGIE, L. et al., Information integration and red queen dynamics in coevolutionary optimization, pages 1260–1267.
- [41] PAGIE, L. et al., A comparison of evolutionary and coevolutionary search, pages 20–25.
- [42] PAGIE, L. et al., Evolutionary Computation 5 (1997) 401.
- [43] PAGIE, L., Coevolutionary dynamics: information integration, speciation, and red queen dynamics, PhD thesis, University of New Mexico, Santa Fe, NM, 1999.
- [44] WATSON, R. et al., Coevolutionary dynamics in a minimal substrate, pages 702–709.
- [45] WIEGAND, R. P. et al., Multi-population symmetric game dynamics, 2001, In preparation.
- [46] JUILLÉ, H., Basic concepts in coevolution, 2001, Presentation at GECCO-01 Coevolutionary Workshop.

- [47] LUKE, S., Genetic programming produced competitive soccer softbot teams for RoboCup97, in Genetic Programming 1998: Proceedings of the Third Annual Conference, edited by KOZA, J. R. et al., pages 214–222, University of Wisconsin, Madison, Wisconsin, USA, 1998, Morgan Kaufmann.
- [48] AXELROD, R., The Evolution of Cooperation, Basic Books, 1984.
- [49] FOGEL, D., Blondie 24: Playing at the Edge of Artificial Intelligence, Morgan Kaufmann, 2001.
- [50] SIMS, K., Evolving 3D morphology and behavior by competition, in *Artificial Life IV, Proceedings* of the fourth International Workshop on the Synthesis and Simulation of Living Systems., edited by BROOKS, R. A. et al., pages 28–39, MIT Press, 1994.
- [51] REYNOLDS, C., Competition, coevolution and the game of tag, in *Artificial Life IV, Proceedings* of the fourth International Workshop on the Synthesis and Simulation of Living Systems., edited by BROOKS, R. A. et al., pages 59–69, MIT Press, 1994.
- [52] SMITH, R. et al., Co-adaptive genetic algorithms: An example in othello strategy, Technical Report TCGA 94002, University of Alabama, Department of Engineering Science and Mechanics, 1993.
- [53] AXELROD, The evolution of strategies in the iterated prisoner's dilemma, in *Genetic Algorithms* and Simulated Annealing, edited by DAVIS, L., Morgan Kaufmann, 1987.