Список литературы

- [Ange] P. Angeline and J. Pollack. "Competitive environments evolve better solutions for complex tasks". pp. 264–270.
- [Axel 84] R. Axelrod. The Evolution of Cooperation. Basic Books, 1984.
- [Axel 87] Axelrod. "The Evolution of Strategies in the Iterated Prisoner's Dilemma". In: L. Davis, Ed., Genetic Algorithms and Simulated Annealing, Morgan Kaufmann, 1987.
- [Clif 95] D. Cliff and G. F. Miller. "Tracking the Red Queen: Measurements of adaptive progress in co-evolutionary sumulations". In: Proceedings of the Third European Conference on Artificial Life, pp. 200–218, Springer-Verlag, 1995.
- [Erik 97] R. Eriksson and B. Olsson. "Cooperative Coevolution in Inventory Control Optimisation". In: G. Smith, N. Steele, and R. Albrecht, Eds., Proceedings of the Third International Conference on Artificial Neural Networks and Genetic Algorithms, Springer, University of East Anglia, Norwich, UK, 1997.
- [Ficia] S. Ficici and J. Pollack. "Effects of Finite Populations on Evolutionary Stable Strategies". pp. 880–887.
- [Ficib] S. Ficici and J. Pollack. "Game—Theoretic Investigation of Selection Methods Used in Evolutionary Algorithms". pp. 880–887.
- [Ficic] S. Ficici and J. Pollack. "A Game-Theoretic Approach to the Simple Coevolutionary Algorithm". pp. 467–476.
- [Fici 01] S. Ficici and J. Pollack. "Pareto Optimality in Coevolutionary Learning". Tech. Rep., Brandeis University, 2001.
- [Fici 98] S. Ficici and J. Pollack. "Challenges in Coevolutionary Learning: Arms-Race Dynamics, Open-Endedness, and Mediocre Stable States". In: A. et al, Ed., Proceedings of the Sixth International Conference on Artificial Life, pp. 238–247, MIT Press, Cambridge, MA, 1998.
- [Foge 01] D. Fogel. Blondie24: Playing at the Edge of Artificial Intelligence. Morgan Kaufmann, 2001.
- [Foge 95a] D. Fogel and G. Fogel. "Evolutionary stable strategies are not always stable under evolutionary dynamics". In: J. R. McDonnel, R. G. Reynolds, and D. Fogel, Eds., Proceedings of the Fourth Annual Conference on Evolutionary Programming, pp. 565–577, MIT Press, Cambridge, MA, 1995.
- [Foge 95b] D. Fogel, G. Fogel, and P. Andrews. "On the instability of evolutionary stable strategies". BioSystems, Vol. 44, pp. 135–152, 1995.
- [Foge 98] G. Fogel, P. Andrews, and D. Fogel. "On the instability of evolutionary stable strategies in small populations". *Ecological Modeling*, Vol. 109, pp. 283–294, 1998.
- [Hill 91] D. Hillis. "Co-Evolving parasites improve simulated Evolution as an optimization procedure". Artificial Life II, SFI Studies in the Sciences of Complexity, Vol. 10, pp. 313– 324, 1991.
- [Husb 91] P. Husbands and F. Mill. "Simulated coevolution as the mechanism for emergent planning and scheduling". In: R. Belew and L. Booker, Eds., *Proceedings of the Fourch International Conference on Genetic Algorithms*, pp. 264–270, Morgan Kaufmann, 1991.
- [Husb 94] P. Husbands. "Distributed coevolutionary genetic algorithms for multi-criteria and multi-constraint optimisation". In: *Evolutionary Computing, AISB Workshop for Selected Papers*, pp. 150–165, Springer–Verlag, 1994.
- [Juil] H. Juillé and J. Pollak. "Co-evolving Interwined Spirals". pp. 461–468.

- [Juil 01] H. Juillé. "Basic Concepts in Coevolution". 2001. Presentation at GECCO-01 Coevolutionary Workshop.
- [Kauf 91] S. Kauffman. "Coevolution to the edge of chaos: coupled fitness landscapes, poised states, and coevolutionary avalanches". In: C. Langton, C. Taylor, J. Farmer, and S. Rasmussen, Eds., Artificial Life II: Studies in the Sciences of Complexity, pp. 325–369, Addison-Wesley, 1991.
- [Lubb 01] A. Lubberts and R. Miikkulainen. "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.
- [Luke 98] S. Luke. "Genetic Programming Produced Competitive Soccer Softbot Teams for RoboCup97". In: J. R. Koza, W. Banzhaf, K. Chellapilla, K. Deb, M. Dorigo, D. B. Fogel, M. H. Garzon, D. E. Goldberg, H. Iba, and R. Riolo, Eds., Genetic Programming 1998: Proceedings of the Third Annual Conference, pp. 214–222, Morgan Kaufmann, University of Wisconsin, Madison, Wisconsin, USA, July 1998.
- [Maye] H. Mayer. "Symbiotic Coevolution of Artificial Neural Networks and Training Data Sets". pp. 511–520.
- [Mori 95] D. E. Moriarty and R. Mikkulainen. "Discovering Complex Othello Strategies through Evolutionary Neural Networks". *Connection Science*, Vol. 7, No. 3, pp. 105–209, 1995.
- [Mori 97] D. Moriarty and R. Miikkulainen. "Forming neural networks through efficient and adaptive coevolution". *Evolutionary Computation*, Vol. 5, No. 4, pp. 373–399, 1997.
- [Pagia] L. Pagie and M. Mitchell. "A comparison of evolutionary and coevolutionary search". pp. 20–25.
- [Pagib] L. Pagie and H. P. "Information integration and red queen dynamics in coevolutionary optimization". pp. 1260–1267.
- [Pagi 97] L. Pagie and P. Hogeweg. "Evolutionary Consequences of coevolving targets". Evolutionary Computation, Vol. 5, No. 4, pp. 401–418, 1997.
- [Pagi 99] L. Pagie. Coevolutionary dynamics: information integration, speciation, and red queen dynamics. PhD thesis, University of New Mexico, Santa Fe, NM, 1999.
- [Pana 02] L. Panait and S. Luke. "A Comparison of Two Competitive Fitness Functions". 2002. Submitted to GECCO 2002.
- [Pare 94] J. Paredis. "Steps towards co-evolutionary classification networks". In: R. A. Brooks and P. Maes, Eds., Artificial Life IV, Proceedings of the fourth International Workshop on the Synthesis and Simulation of Living Systems., pp. 359–365, MIT Press, 1994.
- [Pare 96] J. Paredis. "Coevolutionary Computation". Artificial Life Journal, Vol. 2, No. 3, 1996.
- [Poll 97] J. Pollack, A. Blair, and M. Land. "Coevolution of a Backgammon Player". In: Artificial Life V, MIT Press, 1997.
- [Poll 98] J. Pollack and A. Blair. "Coevolution in the successful learning of backgammon strategy". *Machine Learning*, Vol. 32, No. 3, pp. 225–240, 1998.
- [Potta] M. Potter and K. De Jong. "The Coevolution of Antibodies for Concept Learning". pp. 530–539.
- [Pottb] M. Potter and K. De Jong. "A Cooperative CoEvolutionary Approach to Function Optimization". pp. 249–257.
- [Pottc] M. Potter and K. De Jong. "Evolving Neural Networks with Collaborative Species". pp. 307–317.

- [Pott 00] M. Potter and K. De Jong. "Cooperative Coevolution: An Architecture for Evolving Coadapted Subcomponents". *Evolutionary Computation*, Vol. 8, No. 1, pp. 1–29, 2000.
- [Pott 97] M. Potter. The Design and Analysis of a Computational Model of Cooperative CoEvolution. PhD thesis, George Mason University, Fairfax, Virginia, 1997.
- [Reyn 94] C. Reynolds. "Competition, Coevolution and the Game of Tag". In: R. A. Brooks and P. Maes, Eds., Artificial Life IV, Proceedings of the fourth International Workshop on the Synthesis and Simulation of Living Systems., pp. 59–69, MIT Press, 1994.
- [Rosi] C. Rosin and R. Belew. "Methods for competitive co-evolution: Finding opponents worth beating". pp. 373–380.
- [Rosi 96] C. Rosin and R. Belew. "New methods for competitive coevolution". Evolutionary Computation, Vol. 5, No. 1, pp. 1–29, 1996.
- [Rosi 97a] C. Rosin. Coevolutionary Search Among Adversaries. PhD thesis, University of California, San Diego, 1997.
- [Rosi 97b] C. Rosin and R. Belew. "New Methods for Competitive Coevolution". *Evolutionary Computation*, Vol. 5, No. 1, pp. 1–29, 1997.
- [Schl] D. Schlierkamp-Voosen and H. Mühlenbein. "Strategy Adaptation by Competing Subpopulations". pp. 199–108.
- [Sims 94] K. Sims. "Evolving 3D Morphology and Behavior by Competition". In: R. A. Brooks and P. Maes, Eds., Artificial Life IV, Proceedings of the fourth International Workshop on the Synthesis and Simulation of Living Systems., pp. 28–39, MIT Press, 1994.
- [Sims 99] K. Sims. "Evolving Three-Dimensional Morphology and Behaviour". In: P. Bentley, Ed., Evolutionary Design by Computers, Morgan Kaufmann, 1999.
- [Smit 93] R. Smith and B. Gray. "Co-adaptive genetic algorithms: An example in Othello strategy". Tech. Rep. TCGA 94002, University of Alabama, Department of Engineering Science and Mechanics, 1993.
- [Wats] R. Watson and J. Pollack. "Coevolutionary Dynamics in a Minimal Substrate". pp. 702–709.
- [Wiega] R. P. Wiegand. "Applying Diffusion to a Cooperative Coevolutionary Model". pp. 560–569.
- [Wiegb] R. P. Wiegand, W. Liles, and K. De Jong. "Analyzing Cooperative Coevolution with Evolutionary Game Theory". (To appear).
- [Wiegc] R. P. Wiegand, W. Liles, and K. De Jong. "An Empirical Analysis of Collaboration Methods in Cooperative Coevolutionary Algorithms". pp. 1235–1242.
- [Wieg 01] R. P. Wiegand, W. Liles, and K. De Jong. "Multi-Population Symmetric Game Dynamics". 2001. In preparation.