Список литературы

[1] O. Syed, Applying genetic algorithms to recurrent neural networks for learning network parameters and architecture, Master's thesis, Case Western Reserve University, Cleveland, 1995, See especially Appendix A.

[2] K. A. De Jong, *An analysis of the behavior of a class of genetic adaptive systems*, PhD thesis, University of Michigan, Ann Arbor, 1995, Dissertation Abstracts International 36(10), 5140B; UMI 76-9381.

[3] S. W. Mahfoud, *Niching methods for genetic algorithms*, PhD thesis, University of Illinois at Urbana-Champaign, Urbana, IL, USA, 1995, IlliGAL Report 95001.

[4] H. Wong, *Performance Analysis of Genetic Algorithm*, PhD thesis, New Jersey Institute of Technology, 1995, As of June, 1996 this is not listed in Dissertation Abstracts International. The copy in the NJIT library is non–circulating, and it is not available by ftp.

[5] F. Menczer and D. Parisi, A model for the emergence of sex in evolving networks: adaptive advantage or drift?, in *Toward a practice of autonomous systems: Proceedings of the first european conference on artificial life*, edited by F. J. Varela and P. Bourgine, pp. 337–345, Cambridge, MA, USA, 1992, MIT Press.

[6] H. Asoh and H. Mühlenbein, On the mean convergence time of evolutionary algorithms without selection and mutation, in *Parallel problem solving from nature: PPSN III*, edited by Y. Davidor, H.-P. Schwefel, and R. Männer, pp. 88–97, Berlin, 1994, Springer–Verlag, GMD Technical Report GMD-AS-TR-94-12.

[7] D. E. Goldberg and P. Segrest, Finite Markov chain analysis of genetic algorithms, in *Genetic algorithms and their applications: Proceedings of the second international conference on genetic algorithms*, edited by J. J. Grefenstette, pp. 1–8, Hillsdale, NJ, USA, 1987, Lawrence Erlbaum.

[8] S. J. Louis and G. J. E. Rawlins, Syntactic analysis of convergence in genetic algorithms, in *Foundations of genetic algorithms 2*, edited by L. D. Whitley, pp. 141–151, San Mateo, CA, 1993, Morgan Kaufmann.

[9] S. W. Mahfoud, Population size and genetic drift in fitness sharing, in *Foundations of genetic algorithms 3*, edited by L. D. Whitley and M. D. Vose, pp. 185–224, San Francisco, 1995, Morgan Kaufmann.

[10] S. Wright, *Evolution and the genetics of populations*, volume 2, chapter 13 and 14, pp. 345–416, University of Chicago Press, Chicago, 1969.

[11] H. Mühlenbein and D. Schlierkamp-Voosen, *Evolutionary Computation* **1**, 335 (1993).

[12] N. Kubota, T. Fukuda, F. Arai, and K. Shimojima, Genetic algorithm with age structure and its application to self-organizing manufacturing system, in *Proceedings of the 1994 IEEE Symposium on Emerging Technologies and Factory Automation*, pp. 472–477, 1994.

[13] S.-C. Lin, W. F. Punch, and E. D. Goodman, Coarse-grain parallel genetic algorithms: Categorization and new approach, in *Proceeedings of the Sixth IEEE Symposium on Parallel and Distributed Processing*, pp. 28–37, 1994.

[14] H. Kargupta, Drift, diffusion and Boltzmann distribution in simple genetic algorithm, in *Proceedings of the workshop on physics and computation*, pp. 137–145, Los Alamitos, CA, USA, 1992, IEEE Computer Society Press.

[15] S. Mahfoud, Genetic drift in sharing methods, in *Proceedings of the first IEEE conference on evolutionary computation*, pp. 67–72, 1994.

[16] I. Harvey, The Puzzle of the Persistent Question Marks: A Case Study of Genetic Drift, in *Proceedings of the fifth international conference on genetic algorithms*, edited by S. Forrest, pp. 15–22, San Mateo, CA, USA, 1993, Morgan Kaufmann.

[17] H. Asoh and H. Mühlenbein, On the mean convergence time of genetic populations without selection, Technical Report 94–02–13, GMD, Schloss Birlinghoven, D-53754 Sankt Augustin, Germany, 1994.

[18] I. Harvey, P. Husbands, and D. Cliff, Genetic Convergence in a Species of Evolved Robot Control Architectures, Cognitive Science Research Paper 278, University of Sussex, School of Cognitive and Computing Sciences, Falmer Brighton BN1 9QH, England, UK, 1993, A poster version of this paper was published as [19].

[19] I. Harvey, P. Husbands, and D. T. Cliff, Genetic Convergence in a Species of Evolved Robot Control Architectures, in *Proceedings of the fifth international conference on genetic algorithms*, edited by S. Forrest, p. 636, San Mateo, CA, USA, 1993, Morgan Kaufmann, Poster version of [18].

[20] W. B. Langdon, Pareto, Population Partitioning, Price and Genetic Programming, Research Note RN/95/29, University College London, Gower Street, London WC1E 6BT, UK, 1995, Submitted to AAAI Fall 1995 Genetic Programming Symposium.