

## Список литературы

- [1] H. Asoh and H. Mühlenbein, “On the mean convergence time of genetic populations without selection,” GMD, Schloss Birlinghoven, D-53754 Sankt Augustin, Germany, Technical Report 94-02-13, 1994. [Online]. Available: <mailto:muehlen@gmd.de>
- [2] —, “On the mean convergence time of evolutionary algorithms without selection and mutation,” in *Parallel problem solving from nature: PPSN III*, Y. Davidor, H.-P. Schwefel, and R. Männer, Eds. Berlin: Springer-Verlag, 1994, pp. 88–97, gMD Technical Report GMD-AS-TR-94-12. [Online]. Available: [http://borneo.gmd.de/AS/ga/publi/gmd\\_as\\_ga-94\\_12.html](http://borneo.gmd.de/AS/ga/publi/gmd_as_ga-94_12.html)
- [3] K. A. De Jong, “An analysis of the behavior of a class of genetic adaptive systems,” Ph.D. dissertation, University of Michigan, Ann Arbor, 1995, dissertation Abstracts International 36(10), 5140B; UMI 76-9381.
- [4] 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*, J. J. Grefenstette, Ed. Hillsdale, NJ, USA: Lawrence Erlbaum, 1987, pp. 1–8.
- [5] I. Harvey, P. Husbands, and D. Cliff, “Genetic convergence in a species of evolved robot control architectures,” University of Sussex, School of Cognitive and Computing Sciences, Falmer Brighton BN1 9QH, England, UK, Cognitive Science Research Paper 278, January 1993, a poster version of this paper was published as [6]. [Online]. Available: <ftp://ftp.cogs.susx.ac.uk/pub/reports/csrp/csrp278.ps.Z>
- [6] 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*, S. Forrest, Ed. San Mateo, CA, USA: Morgan Kaufmann, 1993, p. 636, poster version of [5].
- [7] 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*, S. Forrest, Ed. San Mateo, CA, USA: Morgan Kaufmann, 1993, pp. 15–22. [Online]. Available: <ftp://ftp.cogs.susx.ac.uk/pub/reports/csrp/csrp278.ps.Z>
- [8] H. Kargupta, “Drift, diffusion and Boltzmann distribution in simple genetic algorithm,” in *Proceedings of the workshop on physics and computation*. Los Alamitos, CA, USA: IEEE Computer Society Press, 1992, pp. 137–145. [Online]. Available: [ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Kargupta/drift\\_diffusion\\_boltzman.ps.Z](ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Kargupta/drift_diffusion_boltzman.ps.Z)
- [9] 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*, 1994, pp. 472–477.
- [10] W. B. Langdon, “Pareto, population partitioning, price and genetic programming,” University College London, Gower Street, London WC1E 6BT, UK, Research Note RN/95/29, April 1995, submitted to AAAI Fall 1995 Genetic Programming Symposium. [Online]. Available: [ftp://cs.ucl.ac.uk/genetic/papers/WBL\\_aaai-pppGP.ps](ftp://cs.ucl.ac.uk/genetic/papers/WBL_aaai-pppGP.ps)
- [11] S.-C. Lin, W. F. Punch, and E. D. Goodman, “Coarse-grain parallel genetic algorithms: Categorization and new approach,” in *Proceedings of the Sixth IEEE Symposium on Parallel and Distributed Processing*, 1994, pp. 28–37. [Online]. Available: <http://isl.cps.msu.edu/GA/papers/GARAGe94-1.ps>
- [12] S. J. Louis and G. J. E. Rawlins, “Syntactic analysis of convergence in genetic algorithms,” in *Foundations of genetic algorithms 2*, L. D. Whitley, Ed. San Mateo, CA: Morgan Kaufmann, 1993, pp. 141–151.
- [13] S. Mahfoud, “Genetic drift in sharing methods,” in *Proceedings of the first IEEE conference on evolutionary computation*, 1994, pp. 67–72. [Online]. Available: <ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Mahfoud/share.ps.Z>

- [14] S. W. Mahfoud, “Niching methods for genetic algorithms,” Ph.D. dissertation, University of Illinois at Urbana-Champaign, Urbana, IL, USA, May 1995, illiGAL Report 95001. [Online]. Available: <ftp://ftp-illigal.ge.uiuc.edu/pub/papers/IlliGALs/95001.ps.Z>
- [15] —, “Population size and genetic drift in fitness sharing,” in *Foundations of genetic algorithms 3*, L. D. Whitley and M. D. Vose, Eds. San Francisco: Morgan Kaufmann, 1995, pp. 185–224. [Online]. Available: <ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Mahfoud/popsiz.ps.Z>
- [16] 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*, F. J. Varela and P. Bourguine, Eds. Cambridge, MA, USA: MIT Press, 1992, pp. 337–345.
- [17] H. Mühlenbein and D. Schlierkamp-Voosen, “The science of breeding and its application to the breeder genetic algorithm (BGA),” *Evolutionary Computation*, vol. 1, no. 4, pp. 335–360, 1993.
- [18] O. Syed, “Applying genetic algorithms to recurrent neural networks for learning network parameters and architecture,” Master’s thesis, Case Western Reserve University, Cleveland, May 1995, see especially Appendix A. [Online]. Available: <http://www.lerc.nasa.gov/people/OmarSyed/homepage/MSThesis/>
- [19] H. Wong, “Performance analysis of genetic algorithm,” Ph.D. dissertation, 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.
- [20] S. Wright, *Evolution and the genetics of populations*. Chicago: University of Chicago Press, 1969, vol. 2, ch. 13 and 14, pp. 345–416.