Список литературы

[Asoh and Mühlenbein(1994a)] Asoh, H. and Mühlenbein, H. (1994a) 'On the mean convergence time of evolutionary algorithms without selection and mutation'. In Y. Davidor, H.P. Schwefel and R. Männer, (eds.) *Parallel problem solving from nature: PPSN III*. Berlin: Springer–Verlag, pp. 88–97. Available at: http://borneo.gmd.de/AS/ga/publi/gmd_as_ga-94_12.html. GMD Technical Report GMD-AS-TR-94-12.

[Asoh and Mühlenbein(1994b)] Asoh, H. and Mühlenbein, H. (1994b) 'On the mean convergence time of genetic populations without selection'. Technical Report 94–02–13, GMD, Schloss Birlinghoven, D-53754 Sankt Augustin, Germany. Available at: mailto:muehlen@gmd.de.

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

[Goldberg and Segrest(1987)] Goldberg, D.E. and Segrest, P. (1987) 'Finite markov chain analysis of genetic algorithms'. In J.J. Grefenstette, (ed.) *Genetic algorithms and their applications: Proceedings of the second international conference on genetic algorithms*. Hillsdale, NJ, USA: Lawrence Erlbaum, pp. 1–8.

[Harvey(1993)] Harvey, I. (1993) 'The puzzle of the persistent question marks: A case study of genetic drift'. In S. Forrest, (ed.) *Proceedings of the fifth international conference on genetic algorithms*. San Mateo, CA, USA: Morgan Kaufmann, pp. 15–22. Available at: ftp://ftp.cogs.susx.ac.uk/pub/reports/csrp/csrp278.ps.Z.

[Harvey *et al.*(1993a)Harvey, Husbands and Cliff] Harvey, I., Husbands, P. and Cliff, D. (1993a) '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. Available at: ftp://ftp.cogs.susx.ac.uk/pub/reports/csrp/csrp278.ps.Z. A poster version of this paper was published as [Harvey *et al.*(1993b)Harvey, Husbands and Cliff].

[Harvey *et al.*(1993b)Harvey, Husbands and Cliff] Harvey, I., Husbands, P. and Cliff, D.T. (1993b) 'Genetic convergence in a species of evolved robot control architectures'. In S. Forrest, (ed.) *Proceedings of the fifth international conference on genetic algorithms*. San Mateo, CA, USA: Morgan Kaufmann, p. 636. Poster version of [Harvey *et al.*(1993a)Harvey, Husbands and Cliff].

[Kargupta(1992)] Kargupta, H. (1992) '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, pp. 137–145. Available at: ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Kargupta/drift_diffusion_boltzman.ps.Z.

[Kubota *et al.*(1994)Kubota, Fukuda, Arai and Shimojima] Kubota, N., Fukuda, T., Arai, F. and Shimojima, K. (1994) '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.

[Langdon(1995)] Langdon, W.B. (1995) 'Pareto, population partitioning, price and genetic programming'. Research Note RN/95/29, University College London, Gower Street, London WC1E 6BT, UK. Available at: ftp://cs.ucl.ac.uk/genetic/papers/WBL_aaai-pppGP.ps. Submitted to AAAI Fall 1995 Genetic Programming Symposium.

[Lin *et al.*(1994)Lin, Punch and Goodman] Lin, S.C., Punch, W.F. and Goodman, E.D. (1994) 'Coarse-grain parallel genetic algorithms: Categorization and new approach'. In *Proceeedings of the Sixth IEEE Symposium on Parallel and Distributed Processing*. pp. 28–37. Available at: http://isl.cps.msu.edu/GA/papers/GARAGe94-1.ps.

[Louis and Rawlins(1993)] Louis, S.J. and Rawlins, G.J.E. (1993) 'Syntactic analysis of convergence in genetic algorithms'. In L.D. Whitley, (ed.) *Foundations of genetic algorithms 2*. San Mateo, CA: Morgan Kaufmann, pp. 141–151.

[Mahfoud(1994)] Mahfoud, S. (1994) 'Genetic drift in sharing methods'. In *Proceedings of the first IEEE conference on evolutionary computation*. pp. 67–72. Available at: ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Mahfoud/share.ps.Z.

[Mahfoud(1995a)] Mahfoud, S.W. (1995a) *Niching methods for genetic algorithms*. Ph.D. thesis, University of Illinois at Urbana-Champaign, Urbana, IL, USA. Available at: ftp://ftp-illigal.ge.uiuc.edu/pub/papers/IlliGALs/95001.ps.Z. IlliGAL Report 95001.

[Mahfoud(1995b)] Mahfoud, S.W. (1995b) 'Population size and genetic drift in fitness sharing'. In L.D. Whitley and M.D. Vose, (eds.) *Foundations of genetic algorithms 3*. San Francisco: Morgan Kaufmann, pp. 185–224. Available at: ftp://ftp-illigal.ge.uiuc.edu/pub/papers/Publications/Mahfoud/popsize.ps.Z.

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

[Mühlenbein and Schlierkamp-Voosen(1993)] Mühlenbein, H. and Schlierkamp-Voosen, D. (1993) 'The science of breeding and its application to the breeder genetic algorithm (BGA)'. *Evolutionary Computation*, 1(4), pp. 335–360.

[Syed(1995)] Syed, O. (1995) *Applying genetic algorithms to recurrent neural networks for learning network parameters and architecture*. Master's thesis, Case Western Reserve University, Cleveland. Available at: http://www.lerc.nasa.gov/people/OmarSyed/homepage/MSThesis/. See especially Appendix A.

[Wong(1995)] Wong, H. (1995) *Performance Analysis of Genetic Algorithm*. Ph.D. thesis, New Jersey Institute of Technology. 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.

[Wright(1969)] Wright, S. (1969) *Evolution and the genetics of populations*, vol. 2, chap. 13 and 14. Chicago: University of Chicago Press, pp. 345–416.