

Список литературы

- [1] Goldberg, D. E. (1985) Optimal initial population size for binary-coded genetic algorithms. TCGA Report No. 85001.
- [2] Goldberg, D. E. and Thomas, A. L. (1986) Genetic algorithms: A bibliography 1962–1968. TCGA Report No. 86001, **NOTE:** A more recent version of this bibliography appears in Goldberg, D. E. (1989). *Genetic Algorithms in Search, Optimization, and Machine Learning*. Addison-Wesley.
- [3] Goldberg, D. E. and Smith, R. E. (1986) AI meets OR: Blind, inferential search with genetic algorithms. TCGA Report No. 86002.
- [4] Goldberg, D. E. (1986) Simple genetic algorithms and the minimal, deceptive problem. TCGA Report No. 86003.
- [5] Goldberg, D. E. (1987) A note on the disruption due to crossover in a binary-coded genetic algorithm. TCGA Report No. 87001.
- [6] Sivapalan, T. and Goldberg, D. E. (1987) The two-armed bandit problem: A bibliography 1952-present. TCGA Report No. 87002.
- [7] Smith, R. E. (1988) An investigation of diploid genetic algorithms for adaptive search of nonstationary functions. TCGA Report No. 88001, (Master's Thesis).
- [8] Goldberg, D. E. (1988) Probability matching, the magnitude of reinforcement, and classifier system bidding. TCGA Report No. 88002.
- [9] Goldberg, D. E. (1988) Zen and the art of genetic algorithms. TCGA Report No. 88003.
- [10] Goldberg, D. E. (1988) Sizing populations for serial and parallel genetic algorithms. TCGA Report No. 88004.
- [11] Goldberg, D. E. and Bridges, C. L. (1988) An analysis of a reordering operator on a GA-hard problem. TCGA Report No. 88005.
- [12] Goldberg, D. E. (1988) Genetic algorithms and Walsh functions: Part I, a gentle introduction. TCGA Report No. 88006.
- [13] Goldberg, D. E. (1989) Genetic algorithms and Walsh functions: Part II, deception and its analysis. TCGA Report No. 89001.
- [14] Deb, K. (1989) Genetic algorithms in multimodal function optimization. TCGA Report No. 89002, (Master's thesis).
- [15] Goldberg, D. E., Korb, B., and Deb, K. (1989) Messy genetic algorithms: Motivation, analysis, and first results. TCGA Report No. 89003.
- [16] Bridges, C. L. and Goldberg, D. E. (1989) A note on the non-uniform Walsh-schema transform. TCGA Report No. 89004.
- [17] Valenzuela-Rendón, M. (1989) Two analysis tools to describe the operation of classifier systems. TCGA Report No. 89005, (Ph.D dissertation).
- [18] Karr, C. L. (1990) Analysis and optimization of an air-injected hydrocyclone. TCGA Report No. 90001, (Ph.D dissertation).
- [19] Smith, R. E. and Goldberg, D. E. (1990) Reinforcement learning with classifier systems: Adaptive default hierarchy formation. TCGA Report No. 90002.
- [20] Goldberg, D. E. (1990) A note on Boltzmann tournament selection for genetic algorithms and population-oriented simulated annealing. TCGA Report No. 90003.
- [21] Goldberg, D. E. and Kerzic, T. (1990) mGA1.0: A common LISP implementation of a messy genetic algorithm. TCGA Report No. 90004, **NOTE:** An updated version of mGA is now available from IlliGAL (Email: library@GAL1.GE.UIUC.EDU Phone: 217/333-2346).

- [22] Goldberg, D. E., Deb, K., and Korb, B. (1990) An investigation of messy genetic algorithms. TCGA Report No. 90005.
- [23] Deb, K. (1990) A note on the string growth in messy genetic algorithms. TCGA Report No. 90006.
- [24] Goldberg, D. E. and Deb, K. (1990) A comparative analysis of selection schemes used in genetic algorithms. TCGA Report No. 90007.
- [25] Goldberg, D. E. and Rudnick, M. (1990) Genetic algorithms and the variance of fitness. TCGA Report No. 90008.
- [26] Smith, R. E. and Goldberg, D. E. (1990) Variable default hierarchy separation in a classifier system. TCGA Report No. 90009.
- [27] Kargupta, H. and Smith, R. E. (1991) System identification with evolving polynomial networks. TCGA Report No. 91001.
- [28] Smith, R. E., Goldberg, D. E., and Earickson, J. (1991) SGA-C v1.1: A C-language implementation of a simple genetic algorithm. TCGA Report No. 91002, (program available on various media by request).
- [29] Smith, R. E. (1991) Default hierarchy formation and memory exploitation in learning classifier systems. TCGA Report No. 91003, University of Alabama, Tuscaloosa, (Ph.D dissertation).
- [30] Deb, K. (1991) Binary and floating-point optimization using messy genetic algorithms. TCGA Report No. 91004, University of Alabama, Tuscaloosa, (Ph.D dissertation).
- [31] Earickson, J., Smith, R. E., and Goldberg, D. E. (1991) SGA-Cube: A simple genetic algorithm for nCUBE 2 hypercube parallel computers. TCGA Report No. 91005, University of Alabama, Tuscaloosa, (program available on various media by request).
- [32] Callahan, K. J. (1991) Strength-to-weight and stiffness-to-weight optimization of laminates using genetic algorithms. TCGA Report No. 91006, University of Alabama, Tuscaloosa, (Master's Thesis).
- [33] King, E. G. (1991) Flow vectoring of supersonic exhaust nozzles using a genetic algorithm to define optimally-shaped contours. TCGA Report No. 91007, University of Alabama, Tuscaloosa, (Master's Thesis).
- [34] Smith, D. J. (1991) Task allocation for efficient parallel processing using a parallel genetic algorithm. TCGA Report No. 91008, University of Alabama, Tuscaloosa, (Master's Thesis).
- [35] Ding, H., El-Keib, A. A., and Smith, R. E. (1992) Optimal clustering of power networks using genetic algorithms. TCGA Report No. 92001, University of Alabama, Tuscaloosa.
- [36] Smith, R. E., Forrest, S., and Perelson, A. S. (1992) Searching for diverse, cooperative populations with genetic algorithms. TCGA Report No. 92002, University of Alabama, Tuscaloosa.
- [37] Smith, R. E. (1993) Adaptively resizing populations: An algorithm and analysis. TCGA Report No. 93001, University of Alabama, Tuscaloosa.
- [38] Dike, B. A. and Smith, R. E. (1993) Application of genetic algorithms to air combat maneuvering. TCGA Report No. 93002, University of Alabama, Tuscaloosa.
- [39] Kloske, D. A. and Smith, R. E. (1994) Bulk cable routing using genetic algorithms. TCGA Report No. 94001, University of Alabama, Tuscaloosa.
- [40] Smith, R. E. and Gray, B. (1994) Co-adaptive genetic algorithms: An example in Othello strategy. TCGA Report No. 94002, University of Alabama, Tuscaloosa.
- [41] Smith, R. E. and Cribbs, H. B. (1994) Is an LCS a type of neural network? TCGA Report No. 94003, University of Alabama, Tuscaloosa.
- [42] Ma, H., El-Keib, A. A., and Smith, R. E. (1994) A genetic algorithm-based approach to economic dispatch of power systems. TCGA Report No. 94004, University of Alabama, Tuscaloosa.