

Список литературы

- [Alba and Troya(2000)] Alba, E. and Troya, J.M. (2000) ‘Cellular evolutionary algorithms: Evaluating the influence of ratio’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 29–38.
- [Albrecht *et al.*(2000)Albrecht, Der, Steinhöfel and Wong] Albrecht, A.A., Der, U., Steinhöfel, K. and Wong, C.K. (2000) ‘Distributed simulated annealing for job shop scheduling’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 243–252.
- [Arnold and Beyer(2000)] Arnold, D.V. and Beyer, H.G. (2000) ‘Efficiency and mutation strength adaptation of the (μ, μ_1, λ) -ES in a noisy environment’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 39–48.
- [Bäck *et al.*(2000)Bäck, Eiben and van der Vaart] Bäck, T., Eiben, A.E. and van der Vaart, N.A.L. (2000) ‘An empirical study on GAs “without parameters”’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 315–324.
- [Belaidouni and Hao(2000)] Belaidouni, M. and Hao, J.K. (2000) ‘An analysis of the configuration space of the maximal constraint satisfaction problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 49–58.
- [Berny(2000)] Berny, A. (2000) ‘Selection and reinforcement learning for combinatorial optimization’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 601–610.
- [Bessaou *et al.*(2000)Bessaou, Pétrowski and Siarry] Bessaou, M., Pétrowski, A. and Siarry, P. (2000) ‘Island model cooperating with speciation for multimodal optimization’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 437–446.
- [den Besten *et al.*(2000)den Besten, Stützle and Dorigo] den Besten, M., Stützle, T. and Dorigo, M. (2000) ‘Ant colony optimization for the total weighted tardiness problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 611–620.
- [Beyer and Deb(2000)] Beyer, H.G. and Deb, K. (2000) ‘On the desired behaviors of self-adaptive evolutionary algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 59–68.
- [Boettcher *et al.*(2000)Boettcher, Percus and Grigni] Boettcher, S., Percus, A.G. and Grigni, M. (2000) ‘Optimizing through co-evolutionary avalanches’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 447–456.

- [Bosman and Thierens(2000)] Bosman, P.A.N. and Thierens, D. (2000) ‘Expanding from discrete to continuous estimation of distribution algorithms: The IDEA’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 767–776.
- [Branke and Mattfeld(2000)] Branke, J. and Mattfeld, D.C. (2000) ‘Anticipation in dynamic optimization: The scheduling case’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 253–262.
- [Bright and Turton(2000)] Bright, M. and Turton, B. (2000) ‘An efficient random number generation architecture for hardware parallel genetic algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 583–588.
- [Butz *et al.*(2000)Butz, Goldberg and Stolzmann] Butz, M., Goldberg, D.E. and Stolzmann, W. (2000) ‘Investigating generalization in the anticipatory classifier system’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 735–744.
- [Collet *et al.*(2000)Collet, Lutton, Schoenauer and Louchet] Collet, P., Lutton, E., Schoenauer, M. and Louchet, J. (2000) ‘Take it EASEA’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 891–901.
- [Corne *et al.*(2000)Corne, Knowles and Oates] Corne, D., Knowles, J.D. and Oates, M.J. (2000) ‘The pareto envelope-based selection algorithm for multi-objective optimisation’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 839–848.
- [Cotta and Troya(2000)] Cotta, C. and Troya, J.M. (2000) ‘Using dynastic exploring recombination to promote diversity in genetic search’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 325–334.
- [Deb *et al.*(2000a)Deb, Agrawal, Pratap and Meyarivan] Deb, K., Agrawal, S., Pratap, A. and Meyarivan, T. (2000a) ‘A fast elitist non-dominated sorting genetic algorithm for multi-objective optimisation: NSGA-II’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 849–858.
- [Deb *et al.*(2000b)Deb, Pratap and Moitra] Deb, K., Pratap, A. and Moitra, S. (2000b) ‘Mechanical component design for multiple objectives using elitist non-dominated sorting GA’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 859–868.
- [Delahaye and Puechmorel(2000)] Delahaye, D. and Puechmorel, S. (2000) ‘A new genetic algorithms working on state domain order statistics’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 777–786.

- [van Dijk *et al.*(2000)van Dijk, Thierens and de Berg] van Dijk, S., Thierens, D. and de Berg, M. (2000) ‘Scalability and efficiency of genetic algorithms for geometrical applications’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 683–692.
- [Dozier(2000)] Dozier, G.V. (2000) ‘Steady-state evolutionary path planning, adaptive replacement, and hyper-diversity’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 561–570.
- [Droste *et al.*(2000)Droste, Heutelbeck and Wegener] Droste, S., Heutelbeck, D. and Wegener, I. (2000) ‘Distributed hybrid genetic programming for learning boolean functions’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 181–190.
- [den Dulk and Brinkers(2000)] den Dulk, P. and Brinkers, M. (2000) ‘Evolution of altruism in viscous populations: Effects of altruism on the evolution of migrating behavior’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 457–466.
- [English(2000)] English, T.M. (2000) ‘Practical implications of new results in conservation of optimizer performance’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 69–78.
- [Esquivel *et al.*(2000)Esquivel, Zuppa and Gallard] Esquivel, S.C., Zuppa, F. and Gallard, R.H. (2000) ‘Multirecombined evolutionary algorithms for the flow shop scheduling problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 263–272.
- [Ficici and Pollack(2000)] Ficici, S.G. and Pollack, J.B. (2000) ‘A game-theoretic approach to the simple coevolutionary algorithm’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 467–476.
- [Filipic and Strancar(2000)] Filipic, B. and Strancar, J. (2000) ‘Genetic optimization of the EPR spectral parameters: Algorithm implementation and preliminary results’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 693–701.
- [Fonlupt and Robilliard(2000)] Fonlupt, C. and Robilliard, D. (2000) ‘Genetic programming with dynamic fitness for a remote sensing application’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 191–200.
- [François(2000)] François, O. (2000) ‘Large derivations, evolutionary computation and comparisons of algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 79–88.
- [Gottlieb and Eckert(2000)] Gottlieb, J. and Eckert, C. (2000) ‘A comparison of two representations for the fixed charge transportation problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference*

- on *Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 345–354.
- [Gottlieb and Voss(2000)] Gottlieb, J. and Voss, N. (2000) ‘Adaptive fitness functions for the satisfiability problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 621–630.
- [Hageman *et al.*(2000)] Hageman, Wehrens, de Gelder, Meerts and Buydens] Hageman, J.A., Wehrens, R., de Gelder, R., Meerts, W.L. and Buydens, L.M.C. (2000) ‘Fitting fluorescence spectra with genetic algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 702–711.
- [Hamida and Schoenauer(2000)] Hamida, S.B. and Schoenauer, M. (2000) ‘An adaptive algorithm for constrained optimization problems’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 529–538.
- [Hansen(2000)] Hansen, N. (2000) ‘Invariance, self-adaptation and correlated mutations and evolution strategies’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 355–364.
- [Herrera and Lozano(2000)] Herrera, F. and Lozano, M. (2000) ‘Adaptive control of the mutation probability by fuzzy logic controllers’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 335–344.
- [Higuchi *et al.*(2000)] Higuchi, Tsutsui and Yamamura] Higuchi, T., Tsutsui, S. and Yamamura, M. (2000) ‘Theoretical analysis of simplex crossover for real-coded genetic algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 365–374.
- [Holmes *et al.*(2000)] Holmes, Durbin and Winston] Holmes, J.H., Durbin, D.R. and Winston, F.K. (2000) ‘A new bootstrapping method to improve classification performance in learning classifier systems’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 745–754.
- [Ikeda and Kobayashi(2000)] Ikeda, K. and Kobayashi, S. (2000) ‘GA based on the UV-structure hypothesis and its application to JSP’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 273–282.
- [Jansen and Wegener(2000)] Jansen, T. and Wegener, I. (2000) ‘On the choice of the mutation probability for the (1+1) EA’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 89–98.
- [Jelasity(2000)] Jelasity, M. (2000) ‘Towards automatic domain knowledge extraction for evolutionary heuristics’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 755–764.

- [Jensen(2000)] Jensen, M.T. (2000) ‘Neighbourhood based robustness applied to tardiness and total flowtime job shops’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 283–292.
- [Kargupta(2000)] Kargupta, H. (2000) ‘The genetic code-like transformations and their effect on learning functions’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 99–108.
- [Knjazew and Goldberg(2000)] Knjazew, D. and Goldberg, D.E. (2000) ‘Large-scale permutation optimization with the ordering messy genetic algorithm’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 631–640.
- [Knowles *et al.*(2000)] Knowles, J.D., Corne, D. and Oates, M.J. (2000) ‘On the assessment of multiobjective approaches to the adaptive distributed database management problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 869–878.
- [Kreutz *et al.*(2000)] Kreutz, M., Hanke, D. and Gehlen, S. (2000) ‘Solving extended hybrid-flow-shop problems using active schedule generation and genetic algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 293–302.
- [Krink *et al.*(2000)] Krink, T., Rickers, P. and Thomsen, R. (2000) ‘Applying self-organised criticality to evolutionary algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 375–384.
- [Kubo *et al.*(2000)] Kubo, M., Satoh, H., Inoue, Y., Uno, K. and Namatame, A. (2000) ‘The number of people with whom a man interacts’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 477–486.
- [Landrin-Schweitzer and Lutton(2000)] Landrin-Schweitzer, Y. and Lutton, E. (2000) ‘Perturbation theory for evolutionary algorithms: Towards an estimation of convergence speed’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 109–118.
- [Langdon and Banzhaf(2000)] Langdon, W.B. and Banzhaf, W. (2000) ‘Genetic programming bloat without semantics’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 201–210.
- [Liu *et al.*(2000)] Liu, Y., Iwata, M., Higuchi, T. and Keymeulen, D. (2000) ‘An integrated on-line learning system for evolving programmable logic array controllers’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 589–598.
- [Ljubic *et al.*(2000)] Ljubic, I., Raidl, G.R. and Kratica, J. (2000) ‘A hybrid GA for the edge-biconnectivity augmentation problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International*

Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS, vol. 1917. Paris, France: Springer-Verlag, pp. 641–650.

- [Matsumura *et al.*(2000)Matsumura, Ohkura and Ueda] Matsumura, Y., Ohkura, K. and Ueda, K. (2000) ‘Statistical characteristics of evolution strategies’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 119–128.
- [Mitchell and Pocknell(2000)] Mitchell, I. and Pocknell, P. (2000) ‘A temporal representation for GA and TSP’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 651–660.
- [Ochoa *et al.*(2000)Ochoa, Mühlenbein and Soto] Ochoa, A., Mühlenbein, H. and Soto, M. (2000) ‘A factorized distribution algorithm using single connected bayesian networks’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 787–796.
- [Ochoa(2000)] Ochoa, G. (2000) ‘Consensus sequence plots and error thresholds: Tools for visualising the structure of fitness landscapes’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 129–138.
- [Olsson(2000)] Olsson, B. (2000) ‘NK-landscapes as test functions for evaluation of host-parasite algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 487–496.
- [Oyama *et al.*(2000)Oyama, Obayashi and Nakamura] Oyama, A., Obayashi, S. and Nakamura, T. (2000) ‘Real-coded adaptive range genetic algorithm applied to transonic wing optimization’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 712–721.
- [Pagie and Hogeweg(2000)] Pagie, L. and Hogeweg, P. (2000) ‘Optimization as side-effect of evolving allelopathic diversity’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 797–806.
- [Paredis(2000)] Paredis, J. (2000) ‘Towards balanced coevolution’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 497–506.
- [Pelikan and Goldberg(2000)] Pelikan, M. and Goldberg, D.E. (2000) ‘Genetic algorithms, clustering, and the breaking of symmetry’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 385–394.
- [Ratle and Sebag(2000)] Ratle, A. and Sebag, M. (2000) ‘Genetic programming and domain knowledge: Beyond the limitations of grammar-guided machine discovery’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 211–220.

- [Reeves(2000)] Reeves, C.R. (2000) ‘Experiments with tuneable fitness landscapes’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 139–148.
- [Romero *et al.*(2000)] Romero, Arenas, Castellano, Valdivieso, Carpio, Guervós, Prieto and Santos] Romero, G., Arenas, M.G., Castellano, J.G., Valdivieso, P.A.C., Carpio, J., Guervós, J.J.M., Prieto, A. and Santos, V.M.R. (2000) ‘Evolutionary computation visualization: Application to G-PROP’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 902–912.
- [Rothlauf and Goldberg(2000)] Rothlauf, F. and Goldberg, D.E. (2000) ‘Pruefer numbers and genetic algorithms: A lesson on how the low locality of an encoding can harm the performance of GAs’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 395–404.
- [Sano and Kita(2000)] Sano, Y. and Kita, H. (2000) ‘Optimization of noisy fitness functions by means of genetic algorithms using history of search’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 571–580.
- [Schmidt and Michalewicz(2000)] Schmidt, M. and Michalewicz, Z. (2000) ‘Test-case generator *cg-2* for nonlinear parameter optimisation’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 539–548.
- [Schoenauer *et al.*(2000)] Schoenauer, Deb, Rudolph, Yao, Lutton, Merelo and Schwefel] Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J.J. and Schwefel, H.P., (eds.) (2000) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer Verlag. Available at: http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-41056-2.
- [Schoofs and Naudts(2000)] Schoofs, L. and Naudts, B. (2000) ‘Solving CSP instances beyond the phase transition using stochastic search algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 549–558.
- [Sefrioui and Périaux(2000)] Sefrioui, M. and Périaux, J. (2000) ‘A hierarchical genetic algorithm using multiple models for optimization’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 879–888.
- [Sharpe(2000)] Sharpe, O. (2000) ‘Introducing a new persistence measure’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 149–158.
- [Silva *et al.*(2000)] Silva, Neves and Costa] Silva, A., Neves, A. and Costa, E. (2000) ‘Polymorphy and hybridization in genetically programmed networks’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 221–230.

- [Sloman(2000)] Sloman, A. (2000) ‘Interacting trajectories in design space and niche space: A philosopher speculates about evolution’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 3–16.
- [Steels(2000)] Steels, L. (2000) ‘Language as a complex adaptive system’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 17–26.
- [Stützle *et al.*(2000)Stützle, Grün, Linke and Rüttger] Stützle, T., Grün, A., Linke, S. and Rüttger, M. (2000) ‘A comparison of nature inspired heuristics on the traveling salesman problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 661–670.
- [Tereshko(2000)] Tereshko, V. (2000) ‘Reaction-diffusion model of a honeybee colony’s foraging behaviour’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 807–816.
- [Thomsen *et al.*(2000)Thomsen, Rickers and Krink] Thomsen, R., Rickers, P. and Krink, T. (2000) ‘A religion-based spatial model for evolutionary algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 817–826.
- [Tomassini and Perrenoud(2000)] Tomassini, M. and Perrenoud, M. (2000) ‘Stream cyphers with one- and two-dimensional cellular automata’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 722–731.
- [Tzafestas(2000)] Tzafestas, E. (2000) ‘Spatial games with adaptive tit-for-tats’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 507–516.
- [Valenzuela and Wang(2000)] Valenzuela, C.L. and Wang, P.Y. (2000) ‘A genetic algorithm for VLSI floorplanning’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 671–680.
- [Vázquez and Whitley(2000)] Vázquez, M. and Whitley, L.D. (2000) ‘A comparison of genetic algorithms for the static job shop scheduling problem’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 303–312.
- [Veenman *et al.*(2000)Veenman, Reinders and Backer] Veenman, C.J., Reinders, M.J.T. and Backer, E. (2000) ‘Competitive segmentation: A struggle for image space’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 517–526.
- [Wakunda and Zell(2000)] Wakunda, J. and Zell, A. (2000) ‘Median-selection for parallel steady-state evolution strategies’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 405–414.

- [Walton and Smith(2000)] Walton, N. and Smith, G.D. (2000) ‘The origination of diversity by adaptive clustering’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 415–424.
- [Watson and Pollack(2000)] Watson, R.A. and Pollack, J.B. (2000) ‘Symbiotic combination as an alternative to sexual recombination in genetic algorithms’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 425–434.
- [Weicker(2000)] Weicker, K. (2000) ‘An analysis of dynamic severity and population size’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 159–168.
- [Whitley(2000)] Whitley, L.D. (2000) ‘Functions as permutations: Regarding no free lunch, walsh analysis and summary statistics’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 169–178.
- [Zhang and Joung(2000)] Zhang, B.T. and Joung, J.G. (2000) ‘Building optimal committees of genetic programs’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 231–240.
- [Zhang and Shin(2000)] Zhang, B.T. and Shin, S.Y. (2000) ‘Bayesian evolutionary optimization using helmholtz machines’. In M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J.J. Merelo and H.P. Schwefel, (eds.) *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, LNCS*, vol. 1917. Paris, France: Springer-Verlag, pp. 827–836.