

## Список литературы

- [1] 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*, vol. 1917 of *LNCS*, Springer Verlag.
- [2] Alba, E. and Troya, J. M. (2000) Cellular evolutionary algorithms: Evaluating the influence of ratio. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 29–38, Springer-Verlag.
- [3] Albrecht, A. A., Der, U., Steinhöfel, K., and Wong, C.-K. (2000) Distributed simulated annealing for job shop scheduling. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 243–252, Springer-Verlag.
- [4] Arnold, D. V. and Beyer, H.-G. (2000) Efficiency and mutation strength adaptation of the ( $\mu$ ,  $\mu_i$ ,  $\lambda$ )-ES in a noisy environment. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 39–48, Springer-Verlag.
- [5] Bäck, T., Eiben, A. E., and van der Vaart, N. A. L. (2000) An empirical study on GAs “without parameters”. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 315–324, Springer-Verlag.
- [6] Belaidouni, M. and Hao, J.-K. (2000) An analysis of the configuration space of the maximal constraint satisfaction problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 49–58, Springer-Verlag.
- [7] Hamida, S. B. and Schoenauer, M. (2000) An adaptive algorithm for constrained optimization problems. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 529–538, Springer-Verlag.
- [8] Berny, A. (2000) Selection and reinforcement learning for combinatorial optimization. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 601–610, Springer-Verlag.
- [9] Bessaou, M., Pérowski, A., and Siarry, P. (2000) Island model cooperating with speciation for multimodal optimization. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 437–446, Springer-Verlag.
- [10] den Besten, M., Stützle, T., and Dorigo, M. (2000) Ant colony optimization for the total weighted tardiness problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 611–620, Springer-Verlag.
- [11] Beyer, H.-G. and Deb, K. (2000) On the desired behaviors of self-adaptive evolutionary algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 59–68, Springer-Verlag.

- [12] Boettcher, S., Percus, A. G., and Grigni, M. (2000) Optimizing through co-evolutionary avalanches. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 447–456, Springer-Verlag.
- [13] Bosman, P. A. N. and Thierens, D. (2000) Expanding from discrete to continuous estimation of distribution algorithms: The IDEA. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 767–776, Springer-Verlag.
- [14] Branke, J. and Mattfeld, D. C. (2000) Anticipation in dynamic optimization: The scheduling case. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 253–262, Springer-Verlag.
- [15] Bright, M. and Turton, B. (2000) An efficient random number generation architecture for hardware parallel genetic algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 583–588, Springer-Verlag.
- [16] Butz, M., Goldberg, D. E., and Stolzmann, W. (2000) Investigating generalization in the anticipatory classifier system. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 735–744, Springer-Verlag.
- [17] Collet, P., Lutton, E., Schoenauer, M., and Louchet, J. (2000) Take it EASEA. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 891–901, Springer-Verlag.
- [18] Corne, D., Knowles, J. D., and Oates, M. J. (2000) The pareto envelope-based selection algorithm for multi-objective optimisation. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 839–848, Springer-Verlag.
- [19] Cotta, C. and Troya, J. M. (2000) Using dynastic exploring recombination to promote diversity in genetic search. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 325–334, Springer-Verlag.
- [20] Deb, K., Agrawal, S., Pratap, A., and Meyarivan, T. (2000) A fast elitist non-dominated sorting genetic algorithm for multi-objective optimisation: NSGA-II. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 849–858, Springer-Verlag.
- [21] Deb, K., Pratap, A., and Moitra, S. (2000) Mechanical component design for multiple objectives using elitist non-dominated sorting GA. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 859–868, Springer-Verlag.
- [22] Delahaye, D. and Puechmorel, S. (2000) A new genetic algorithms working on state domain order statistics. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 777–786, Springer-Verlag.

- [23] van Dijk, S., Thierens, D., and de Berg, M. (2000) Scalability and efficiency of genetic algorithms for geometrical applications. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 683–692, Springer-Verlag.
- [24] Dozier, G. V. (2000) Steady-state evolutionary path planning, adaptive replacement, and hyperdiversity. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 561–570, Springer-Verlag.
- [25] Droste, S., Heutelbeck, D., and Wegener, I. (2000) Distributed hybrid genetic programming for learning boolean functions. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 181–190, Springer-Verlag.
- [26] den Dulk, P. and Brinkers, M. (2000) Evolution of altruism in viscous populations: Effects of altruism on the evolution of migrating behavior. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 457–466, Springer-Verlag.
- [27] English, T. M. (2000) Practical implications of new results in conservation of optimizer performance. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 69–78, Springer-Verlag.
- [28] Esquivel, S. C., Zuppa, F., and Gallard, R. H. (2000) Multirecombined evolutionary algorithms for the flow shop scheduling problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 263–272, Springer-Verlag.
- [29] Ficici, S. G. and Pollack, J. B. (2000) A game-theoretic approach to the simple coevolutionary algorithm. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 467–476, Springer-Verlag.
- [30] Filipic, B. and Strancar, J. (2000) Genetic optimization of the EPR spectral parameters: Algorithm implementation and preliminary results. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 693–701, Springer-Verlag.
- [31] Fonlupt, C. and Robilliard, D. (2000) Genetic programming with dynamic fitness for a remote sensing application. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 191–200, Springer-Verlag.
- [32] François, O. (2000) Large derivations, evolutionary computation and comparisons of algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 79–88, Springer-Verlag.
- [33] Gottlieb, J. and Eckert, C. (2000) A comparison of two representations for the fixed charge transportation problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 345–354, Springer-Verlag.

- [34] Gottlieb, J. and Voss, N. (2000) Adaptive fitness functions for the satisfiability problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 621–630, Springer-Verlag.
- [35] Hageman, J. A., Wehrens, R., de Gelder, R., Meerts, W. L., and Buydens, L. M. C. (2000) Fitting fluorescence spectra with genetic algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 702–711, Springer-Verlag.
- [36] Hansen, N. (2000) Invariance, self-adaptation and correlated mutations and evolution strategies. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 355–364, Springer-Verlag.
- [37] Herrera, F. and Lozano, M. (2000) Adaptive control of the mutation probability by fuzzy logic controllers. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 335–344, Springer-Verlag.
- [38] Higuchi, T., Tsutsui, S., and Yamamura, M. (2000) Theoretical analysis of simplex crossover for real-coded genetic algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 365–374, Springer-Verlag.
- [39] Holmes, J. H., Durbin, D. R., and Winston, F. K. (2000) A new bootstrapping method to improve classification performance in learning classifier systems. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 745–754, Springer-Verlag.
- [40] Ikeda, K. and Kobayashi, S. (2000) GA based on the UV-structure hypothesis and its application to JSP. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 273–282, Springer-Verlag.
- [41] Jansen, T. and Wegener, I. (2000) On the choice of the mutation probability for the (1+1) EA. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 89–98, Springer-Verlag.
- [42] Jelasity, M. (2000) Towards automatic domain knowledge extraction for evolutionary heuristics. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 755–764, Springer-Verlag.
- [43] Jensen, M. T. (2000) Neighbourhood based robustness applied to tardiness and total flowtime job shops. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 283–292, Springer-Verlag.
- [44] Kargupta, H. (2000) The genetic code-like transformations and their effect on learning functions. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 99–108, Springer-Verlag.
- [45] Knjazew, D. and Goldberg, D. E. (2000) Large-scale permutation optimization with the ordering messy genetic algorithm. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J.,

- and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 631–640, Springer-Verlag.
- [46] Knowles, J. D., Corne, D., and Oates, M. J. (2000) On the assessment of multiobjective approaches to the adaptive distributed database management problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 869–878, Springer-Verlag.
  - [47] Kreutz, M., Hanke, D., and Gehlen, S. (2000) Solving extended hybrid-flow-shop problems using active schedule generation and genetic algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 293–302, Springer-Verlag.
  - [48] Krink, T., Rickers, P., and Thomsen, R. (2000) Applying self-organised criticality to evolutionary algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 375–384, Springer-Verlag.
  - [49] Kubo, M., Satoh, H., Inoue, Y., Uno, K., and Namatame, A. (2000) The number of people with whom a man interacts. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 477–486, Springer-Verlag.
  - [50] Landrin-Schweitzer, Y. and Lutton, E. (2000) Perturbation theory for evolutionary algorithms: Towards an estimation of convergence speed. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 109–118, Springer-Verlag.
  - [51] Langdon, W. B. and Banzhaf, W. (2000) Genetic programming bloat without semantics. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 201–210, Springer-Verlag.
  - [52] Liu, Y., Iwata, M., Higuchi, T., and Keymeulen, D. (2000) An integrated on-line learning system for evolving programmable logic array controllers. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 589–598, Springer-Verlag.
  - [53] Ljubic, I., Raidl, G. R., and Kratica, J. (2000) A hybrid GA for the edge-biconnectivity augmentation problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 641–650, Springer-Verlag.
  - [54] Matsumura, Y., Ohkura, K., and Ueda, K. (2000) Statistical characteristics of evolution strategies. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 119–128, Springer-Verlag.
  - [55] Mitchell, I. and Pocknell, P. (2000) A temporal representation for GA and TSP. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 651–660, Springer-Verlag.

- [56] Ochoa, G. (2000) Consensus sequence plots and error thresholds: Tools for visualising the structure of fitness landscapes. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, vol. 1917 of *LNCS*, pp. 129–138, Springer-Verlag.
- [57] Ochoa, A., Mühlenbein, H., and Soto, M. (2000) A factorized distribution algorithm using single connected bayesian networks. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 787–796, Springer-Verlag.
- [58] Olsson, B. (2000) NK-landscapes as test functions for evaluation of host-parasite algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 487–496, Springer-Verlag.
- [59] Oyama, A., Obayashi, S., and Nakamura, T. (2000) Real-coded adaptive range genetic algorithm applied to transonic wing optimization. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 712–721, Springer-Verlag.
- [60] Pagie, L. and Hogeweg, P. (2000) Optimization as side-effect of evolving allelopathic diversity. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 797–806, Springer-Verlag.
- [61] Paredis, J. (2000) Towards balanced coevolution. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 497–506, Springer-Verlag.
- [62] Pelikan, M. and Goldberg, D. E. (2000) Genetic algorithms, clustering, and the breaking of symmetry. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 385–394, Springer-Verlag.
- [63] Ratle, A. and Sebag, M. (2000) Genetic programming and domain knowledge: Beyond the limitations of grammar-guided machine discovery. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 211–220, Springer-Verlag.
- [64] Reeves, C. R. (2000) Experiments with tuneable fitness landscapes. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 139–148, Springer-Verlag.
- [65] 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. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 902–912, Springer-Verlag.
- [66] 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. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 395–404, Springer-Verlag.

- [67] Sano, Y. and Kita, H. (2000) Optimization of noisy fitness functions by means of genetic algorithms using history of search. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 571–580, Springer-Verlag.
- [68] Schmidt, M. and Michalewicz, Z. (2000) Test-case generator *cg-2* for nonlinear parameter optimisation. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 539–548, Springer-Verlag.
- [69] Schoofs, L. and Naudts, B. (2000) Solving CSP instances beyond the phase transition using stochastic search algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 549–558, Springer-Verlag.
- [70] Sefrioui, M. and Périaux, J. (2000) A hierarchical genetic algorithm using multiple models for optimization. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 879–888, Springer-Verlag.
- [71] Sharpe, O. (2000) Introducing a new persistence measure. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 149–158, Springer-Verlag.
- [72] Silva, A., Neves, A., and Costa, E. (2000) Polymorphy and hybridization in genetically programmed networks. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 221–230, Springer-Verlag.
- [73] Sloman, A. (2000) Interacting trajectories in design space and niche space: A philosopher speculates about evolution. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 3–16, Springer-Verlag.
- [74] Steels, L. (2000) Language as a complex adaptive system. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 17–26, Springer-Verlag.
- [75] Stützle, T., Grün, A., Linke, S., and Rüttger, M. (2000) A comparison of nature inspired heuristics on the traveling salesman problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 661–670, Springer-Verlag.
- [76] Tereshko, V. (2000) Reaction-diffusion model of a honeybee colony’s foraging behaviour. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 807–816, Springer-Verlag.
- [77] Thomsen, R., Rickers, P., and Krink, T. (2000) A religion-based spatial model for evolutionary algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 817–826, Springer-Verlag.

- [78] Tomassini, M. and Perrenoud, M. (2000) Stream cyphers with one- and two-dimensional cellular automata. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 722–731, Springer-Verlag.
- [79] Tzafestas, E. (2000) Spatial games with adaptive tit-for-tats. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 507–516, Springer-Verlag.
- [80] Valenzuela, C. L. and Wang, P. Y. (2000) A genetic algorithm for VLSI floorplanning. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 671–680, Springer-Verlag.
- [81] Vázquez, M. and Whitley, L. D. (2000) A comparison of genetic algorithms for the static job shop scheduling problem. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 303–312, Springer-Verlag.
- [82] Veenman, C. J., Reinders, M. J. T., and Backer, E. (2000) Competitive segmentation: A struggle for image space. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 517–526, Springer-Verlag.
- [83] Wakunda, J. and Zell, A. (2000) Median-selection for parallel steady-state evolution strategies. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 405–414, Springer-Verlag.
- [84] Walton, N. and Smith, G. D. (2000) The origination of diversity by adaptive clustering. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 415–424, Springer-Verlag.
- [85] Watson, R. A. and Pollack, J. B. (2000) Symbiotic combination as an alternative to sexual recombination in genetic algorithms. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 425–434, Springer-Verlag.
- [86] Weicker, K. (2000) An analysis of dynamic severity and population size. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 159–168, Springer-Verlag.
- [87] Whitley, L. D. (2000) Functions as permutations: Regarding no free lunch, walsh analysis and summary statistics. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 169–178, Springer-Verlag.
- [88] Zhang, B.-T. and Joung, J.-G. (2000) Building optimal committees of genetic programs. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCS*, pp. 231–240, Springer-Verlag.



- [89] Zhang, B.-T. and Shin, S.-Y. (2000) Bayesian evolutionary optimization using helmholtz machines. Schoenauer, M., Deb, K., Rudolph, G., Yao, X., Lutton, E., Merelo, J. J., and Schwefel, H.-P. (eds.), *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, Paris, France, 16-20Sep., vol. 1917 of *LNCIS*, pp. 827–836, Springer-Verlag.