Список литературы

- [1] 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, vol. 1917 of LNCS. Springer Verlag, Paris, France, Sept. 16-20, 2000. http://www.springer.de/cgi-bin/search_book.pl?isbn=3-540-41056-2.
- [2] E. Alba and J. M. Troya, "Cellular evolutionary algorithms: Evaluating the influence of ratio," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 29–38. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [3] A. A. Albrecht, U. Der, K. Steinhöfel, and C.-K. Wong, "Distributed simulated annealing for job shop scheduling," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 243–252. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [4] D. V. Arnold and H.-G. Beyer, "Efficiency and mutation strength adaptation of the (mu, mu₁, lambda)-ES in a noisy environment," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 39–48. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [5] T. Bäck, A. E. Eiben, and N. A. L. van der Vaart, "An empirical study on GAs "without parameters"," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 315–324. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [6] M. Belaidouni and J.-K. Hao, "An analysis of the configuration space of the maximal constraint satisfaction problem," in *Proceedings of the 6th International Conference on Parallel Problem* Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 49–58. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [7] S. B. Hamida and M. Schoenauer, "An adaptive algorithm for constrained optimization problems," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 529–538. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [8] A. Berny, "Selection and reinforcement learning for combinatorial optimization," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 601–610. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [9] M. Bessaou, A. Pétrowski, and P. Siarry, "Island model cooperating with speciation for multimodal optimization," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 437–446. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [10] M. den Besten, T. Stützle, and M. Dorigo, "Ant colony optimization for the total weighted tardiness problem," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 611–620. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [11] H.-G. Beyer and K. Deb, "On the desired behaviors of self-adaptive evolutionary algorithms," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 59–68. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [12] S. Boettcher, A. G. Percus, and M. Grigni, "Optimizing through co-evolutionary avalanches," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 447–456. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [13] P. A. N. Bosman and D. Thierens, "Expanding from discrete to continuous estimation of distribution algorithms: The IDEA," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 767–776. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [14] J. Branke and D. C. Mattfeld, "Anticipation in dynamic optimization: The scheduling case," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 253–262. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [15] M. Bright and B. Turton, "An efficient random number generation architecture for hardware parallel genetic algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 583–588. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [16] M. Butz, D. E. Goldberg, and W. Stolzmann, "Investigating generalization in the anticipatory classifier system," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 735–744. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [17] P. Collet, E. Lutton, M. Schoenauer, and J. Louchet, "Take it EASEA," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 891–901. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [18] D. Corne, J. D. Knowles, and M. J. Oates, "The pareto envelope-based selection algorithm for multi-objective optimisation," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 839–848. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [19] C. Cotta and J. M. Troya, "Using dynastic exploring recombination to promote diversity in genetic search," in *Proceedings of the 6th International Conference on Parallel Problem Solving* from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 325–334. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [20] K. Deb, S. Agrawal, A. Pratap, and T. Meyarivan, "A fast elitist non-dominated sorting genetic algorithm for multi-objective optimisation: NSGA-II," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 849–858. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [21] K. Deb, A. Pratap, and S. Moitra, "Mechanical component design for multiple objectives using elitist non-dominated sorting GA," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 859–868. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [22] D. Delahaye and S. Puechmorel, "A new genetic algorithms working on state domain order statistics," in *Proceedings of the 6th International Conference on Parallel Problem Solving from* Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 777–786. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [23] S. van Dijk, D. Thierens, and M. de Berg, "Scalability and efficiency of genetic algorithms for geometrical applications," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 683–692. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [24] G. V. Dozier, "Steady-state evolutionary path planning, adaptive replacement, and hyper-diversity," in *Proceedings of the 6th International Conference on Parallel Problem Solving* from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 561–570. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [25] S. Droste, D. Heutelbeck, and I. Wegener, "Distributed hybrid genetic programming for learning boolean functions," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 181–190. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [26] P. den Dulk and M. Brinkers, "Evolution of altruism in viscous populations: Effects of altruism on the evolution of migrating behavior," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 457–466. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [27] T. M. English, "Practical implications of new results in conservation of optimizer performance," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 69–78. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [28] S. C. Esquivel, F. Zuppa, and R. H. Gallard, "Multirecombinated evolutionary algorithms for the flow shop scheduling problem," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 263–272. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [29] S. G. Ficici and J. B. Pollack, "A game-theoretic approach to the simple coevolutionary algorithm," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 467–476. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [30] B. Filipic and J. Strancar, "Genetic optimization of the EPR spectral parameters: Algorithm implementation and preliminary results," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 693–701. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [31] C. Fonlupt and D. Robilliard, "Genetic programming with dynamic fitness for a remote sensing application," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 191–200. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [32] O. François, "Large derivations, evolutionary computation and comparisons of algorithms," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 79–88. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [33] J. Gottlieb and C. Eckert, "A comparison of two representations for the fixed charge transportation problem," in *Proceedings of the 6th International Conference on Parallel Problem* Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 345–354. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [34] J. Gottlieb and N. Voss, "Adaptive fitness functions for the satisfiability problem," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 621–630. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [35] J. A. Hageman, R. Wehrens, R. de Gelder, W. L. Meerts, and L. M. C. Buydens, "Fitting fluorescence spectra with genetic algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 702–711. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [36] N. Hansen, "Invariance, self-adaptation and correlated mutations and evolution strategies," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 355–364. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [37] F. Herrera and M. Lozano, "Adaptic control of the mutation probability by fuzzy logic controllers," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 335–344. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [38] T. Higuchi, S. Tsutsui, and M. Yamamura, "Theoretical analysis of simplex crossover for real-coded genetic algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 365–374. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [39] J. H. Holmes, D. R. Durbin, and F. K. Winston, "A new bootstrapping method to improve classification performance in learning classifier systems," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 745–754. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [40] K. Ikeda and S. Kobayashi, "GA based on the UV-structure hypothesis and its application to JSP," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 273–282. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [41] T. Jansen and I. Wegener, "On the choice of the mutation probability for the (1+1) EA," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 89–98. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [42] M. Jelasity, "Towards automatic domain knowledge extraction for evolutionary heuristics," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 755–764. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [43] M. T. Jensen, "Neighbourhood based robustness applied to tardiness and total flowtime job shops," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 283–292. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [44] H. Kargupta, "The genetic code-like transformations and their effect on learning functions," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 99–108. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [45] D. Knjazew and D. E. Goldberg, "Large-scale permutation optimization with the ordering messy genetic algorithm," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 631–640. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [46] J. D. Knowles, D. Corne, and M. J. Oates, "On the assessment of multiobjective approaches to the adaptive distributed database management problem," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 869–878. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [47] M. Kreutz, D. Hanke, and S. Gehlen, "Solving extended hybrid-flow-shop problems using active schedule generation and genetic algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 293–302. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [48] T. Krink, P. Rickers, and R. Thomsen, "Applying self-organised criticality to evolutionary algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 375–384. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [49] M. Kubo, H. Satoh, Y. Inoue, K. Uno, and A. Namatame, "The number of people with whom a man interacts," in *Proceedings of the 6th International Conference on Parallel Problem Solving* from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 477–486. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [50] Y. Landrin-Schweitzer and E. Lutton, "Perturbation theory for evolutionary algorithms: Towards an estimation of convergence speed," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 109–118. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [51] W. B. Langdon and W. Banzhaf, "Genetic programming bloat without semantics," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 201–210. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [52] Y. Liu, M. Iwata, T. Higuchi, and D. Keymeulen, "An integrated on-line learning system for evolving programmable logic array controllers," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 589–598. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [53] I. Ljubic, G. R. Raidl, and J. Kratica, "A hybrid GA for the edge-biconnectivity augmentation problem," in *Proceedings of the 6th International Conference on Parallel Problem Solving from*

- Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 641–650. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [54] Y. Matsumura, K. Ohkura, and K. Ueda, "Statistical characteristics of evolution strategies," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 119–128. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [55] I. Mitchell and P. Pocknell, "A temporal representation for GA and TSP," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 651–660. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [56] G. Ochoa, "Consensus sequence plots and error thresholds: Tools for visualising the structure of fitness landscapes," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 129–138. Springer-Verlag, Paris, France, 2000.
- [57] A. Ochoa, H. Mühlenbein, and M. Soto, "A factorized distribution algorithm using single connected bayesian networks," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 787–796. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [58] B. Olsson, "NK-landscapes as test functions for evaluation of host-parasite algorithms," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 487–496. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [59] A. Oyama, S. Obayashi, and T. Nakamura, "Real-coded adaptive range genetic algorithm applied to transonic wing optimization," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 712–721. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [60] L. Pagie and P. Hogeweg, "Optimization as side-effect of evolving allelopathic diversity," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 797–806. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [61] J. Paredis, "Towards balanced coevolution," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 497–506. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [62] M. Pelikan and D. E. Goldberg, "Genetic algorithms, clustering, and the breaking of symmetry," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 385–394. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [63] A. Ratle and M. Sebag, "Genetic programming and domain knowledge: Beyond the limitations of grammar-guided machine discovery," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 211–220. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [64] C. R. Reeves, "Experiments with tuneable fitness landscapes," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 139–148. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [65] G. Romero, M. G. Arenas, J. G. Castellano, P. A. C. Valdivieso, J. Carpio, J. J. M. Guervós, A. Prieto, and V. M. R. Santos, "Evolutionary computation visualization: Application to G-PROP," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 902–912. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [66] F. Rothlauf and D. E. Goldberg, "Pruefer numbers and genetic algorithms: A lesson on how the low locality of an encoding can harm the performance of GAs," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 395–404. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [67] Y. Sano and H. Kita, "Optimization of noisy fitness functions by means of genetic algorithms using history of search," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 571–580. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [68] M. Schmidt and Z. Michalewicz, "Test-case generator cg-2 for nonlinear parameter optimisation," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 539–548. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [69] L. Schoofs and B. Naudts, "Solving CSP instances beyond the phase transition using stochastic search algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 549–558. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [70] M. Sefrioui and J. Périaux, "A hierarchical genetic algorithm using multiple models for optimization," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 879–888. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [71] O. Sharpe, "Introducing a new persistence measure," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 149–158. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [72] A. Silva, A. Neves, and E. Costa, "Polymorphy and hybridization in genetically programmed networks," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 221–230. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [73] A. Sloman, "Interacting trajectories in design space and niche space: A philosopher speculates about evolution," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 3–16. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [74] L. Steels, "Language as a complex adaptive system," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 17–26. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [75] T. Stützle, A. Grün, S. Linke, and M. Rüttger, "A comparison of nature inspired heuristics on the traveling salesman problem," in *Proceedings of the 6th International Conference on Parallel*

- Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 661–670. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [76] V. Tereshko, "Reaction-diffusion model of a honeybee colony's foraging behaviour," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 807–816. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [77] R. Thomsen, P. Rickers, and T. Krink, "A religion-based spatial model for evolutionary algorithms," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 817–826. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [78] M. Tomassini and M. Perrenoud, "Stream cyphers with one- and two-dimensional cellular automata," in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 722–731. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [79] E. Tzafestas, "Spatial games with adaptive tit-for-tats," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 507-516. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [80] C. L. Valenzuela and P. Y. Wang, "A genetic algorithm for VLSI floorplanning," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 671–680. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [81] M. Vázquez and L. D. Whitley, "A comparison of genetic algorithms for the static job shop scheduling problem," in *Proceedings of the 6th International Conference on Parallel Problem* Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of *LNCS*, pp. 303–312. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [82] C. J. Veenman, M. J. T. Reinders, and E. Backer, "Competitive segmentation: A struggle for image space," in *Proceedings of the 6th International Conference on Parallel Problem Solving* from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 517–526. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [83] J. Wakunda and A. Zell, "Median-selection for parallel steady-state evolution strategies," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 405–414. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [84] N. Walton and G. D. Smith, "The origination of diversity by adaptive clustering," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 415–424. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [85] R. A. Watson and J. B. Pollack, "Symbiotic combination as an alternative to sexual recombination in genetic algorithms," in *Proceedings of the 6th International Conference on* Parallel Problem Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 425–434. Springer-Verlag, Paris, France, 16-20sept., 2000.

- [86] K. Weicker, "An analysis of dynamic severity and population size," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 159–168. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [87] L. D. Whitley, "Functions as permutations: Regarding no free lunch, walsh analysis and summary statistics," in *Proceedings of the 6th International Conference on Parallel Problem* Solving from Nature - PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 169–178. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [88] B.-T. Zhang and J.-G. Joung, "Building optimal committees of genetic programs," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI,
 M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 231–240. Springer-Verlag, Paris, France, 16-20sept., 2000.
- [89] B.-T. Zhang and S.-Y. Shin, "Bayesian evolutionary optimization using helmholtz machines," in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature -PPSN VI, M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, eds., vol. 1917 of LNCS, pp. 827–836. Springer-Verlag, Paris, France, 16-20sept., 2000.