Список литературы

- M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, volume 1917 of LNCS, Paris, France, Sept. 16-20 2000, Springer Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 29–38, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 243–252, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [4] D. V. Arnold and H.-G. Beyer, Efficiency and Mutation Strength Adaptation of the (mu, mu_I, lambda)-ES in a Noisy Environment, in *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 39–48, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 315–324, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 49–58, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 529–538, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 601–610, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 437–446, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 611–620, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 59–68, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 447–456, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 767–776, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 253–262, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 583–588, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 735–744, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 891–901, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 839–848, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 325–334, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 849–858, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 859–868, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 777–786, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 683–692, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 561–570, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 181–190, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 457–466, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 69–78, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 263–272, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 467–476, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 693–701, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 191–200, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 79–88, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 345–354, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 621–630, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 702–711, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 355–364, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 335–344, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 365–374, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 745–754, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 273–282, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 89–98, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 755–764, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 283–292, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 99–108, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 631–640, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 869–878, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 293–302, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 375–384, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 477–486, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 109–118, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 201–210, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 589–598, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 641–650, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 119–128, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 651–660, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 129–138, Paris, France, 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 787–796, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 487–496, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 712–721, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 797–806, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [61] J. Paredis, Towards Balanced Coevolution, in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 497–506, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 385–394, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 211–220, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [64] C. R. Reeves, Experiments with Tuneable Fitness Landscapes, in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 139–148, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 902–912, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 395–404, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 571–580, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 539–548, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 549–558, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 879–888, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [71] O. Sharpe, Introducing a New Persistence Measure, in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 149–158, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 221–230, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 3–16, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [74] L. Steels, Language as a Complex Adaptive System, in Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 17–26, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 661–670, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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*, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pages 807–816, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 817–826, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 722–731, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 507–516, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 671–680, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 303–312, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 517–526, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 405–414, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 415–424, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 425–434, Paris, France, 16-20Sept. 2000, Springer-Verlag.

- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 159–168, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 169–178, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 231–240, Paris, France, 16-20Sept. 2000, Springer-Verlag.
- [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, edited by M. Schoenauer, K. Deb, G. Rudolph, X. Yao, E. Lutton, J. J. Merelo, and H.-P. Schwefel, volume 1917 of LNCS, pages 827–836, Paris, France, 16-20Sept. 2000, Springer-Verlag.