

## Список литературы

- [1] 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, 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*, pp. 29–38, Paris, France, 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*, pp. 243–252, Paris, France, 2000, Springer-Verlag.
- [4] D. V. ARNOLD and H.-G. BEYER, Efficiency and Mutation Strength Adaptation of the  $(\mu, \mu_T, \lambda)$ -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*, pp. 39–48, Paris, France, 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*, pp. 315–324, Paris, France, 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*, pp. 49–58, Paris, France, 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*, pp. 529–538, Paris, France, 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*, pp. 601–610, Paris, France, 2000, Springer-Verlag.
- [9] M. BESSAO, A. PÉROWSKI, 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. J. MERELO, and H.-P. SCHWEFEL, volume 1917 of *LNCS*, pp. 437–446, Paris, France, 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*, pp. 611–620, Paris, France, 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*, pp. 59–68, Paris, France, 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*, pp. 447–456, Paris, France, 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*, pp. 767–776, Paris, France, 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*, pp. 253–262, Paris, France, 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*, pp. 583–588, Paris, France, 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*, pp. 735–744, Paris, France, 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*, pp. 891–901, Paris, France, 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*, pp. 839–848, Paris, France, 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*, pp. 325–334, Paris, France, 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*, pp. 849–858, Paris, France, 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*, pp. 859–868, Paris, France, 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*, pp. 777–786, Paris, France, 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*, pp. 683–692, Paris, France, 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*, pp. 561–570, Paris, France, 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*, pp. 181–190, Paris, France, 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*, pp. 457–466, Paris, France, 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*, pp. 69–78, Paris, France, 2000, Springer-Verlag.
- [28] S. C. ESQUIVEL, F. ZUPPA, and R. H. GALLARD, Multirecombined 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*, pp. 263–272, Paris, France, 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*, pp. 467–476, Paris, France, 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*, pp. 693–701, Paris, France, 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*, pp. 191–200, Paris, France, 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*, pp. 79–88, Paris, France, 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*, pp. 345–354, Paris, France, 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*, pp. 621–630, Paris, France, 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*, pp. 702–711, Paris, France, 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*, pp. 355–364, Paris, France, 2000, Springer-Verlag.
- [37] F. HERRERA and M. LOZANO, Adaptive 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*, pp. 335–344, Paris, France, 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*, pp. 365–374, Paris, France, 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*, pp. 745–754, Paris, France, 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*, pp. 273–282, Paris, France, 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*, pp. 89–98, Paris, France, 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*, pp. 755–764, Paris, France, 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*, pp. 283–292, Paris, France, 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*, pp. 99–108, Paris, France, 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*, pp. 631–640, Paris, France, 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*, pp. 869–878, Paris, France, 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*, pp. 293–302, Paris, France, 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*, pp. 375–384, Paris, France, 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*, pp. 477–486, Paris, France, 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*, pp. 109–118, Paris, France, 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*, pp. 201–210, Paris, France, 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*, pp. 589–598, Paris, France, 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*, pp. 641–650, Paris, France, 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*, pp. 119–128, Paris, France, 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*, pp. 651–660, Paris, France, 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*, pp. 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*, pp. 787–796, Paris, France, 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*, pp. 487–496, Paris, France, 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*, pp. 712–721, Paris, France, 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*, pp. 797–806, Paris, France, 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*, pp. 497–506, Paris, France, 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*, pp. 385–394, Paris, France, 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*, pp. 211–220, Paris, France, 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*, pp. 139–148, Paris, France, 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*, pp. 902–912, Paris, France, 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*, pp. 395–404, Paris, France, 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*, pp. 571–580, Paris, France, 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*, pp. 539–548, Paris, France, 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*, pp. 549–558, Paris, France, 2000, Springer-Verlag.
- [70] M. SEFRIQUI 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*, pp. 879–888, Paris, France, 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*, pp. 149–158, Paris, France, 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*, pp. 221–230, Paris, France, 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*, pp. 3–16, Paris, France, 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*, pp. 17–26, Paris, France, 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*, pp. 661–670, Paris, France, 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*, pp. 807–816, Paris, France, 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*, pp. 817–826, Paris, France, 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*, pp. 722–731, Paris, France, 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*, pp. 507–516, Paris, France, 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*, pp. 671–680, Paris, France, 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*, pp. 303–312, Paris, France, 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*, pp. 517–526, Paris, France, 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*, pp. 405–414, Paris, France, 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*, pp. 415–424, Paris, France, 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*, pp. 425–434, Paris, France, 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*, pp. 159–168, Paris, France, 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*, pp. 169–178, Paris, France, 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*, pp. 231–240, Paris, France, 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*, pp. 827–836, Paris, France, 2000, Springer-Verlag.