## Список литературы

[Alba and Troya 2000]

[Albrecht et al. 2000]

[Arnold and Beyer 2000]

[Bäck et al. 2000]

[Belaidouni and Hao 2000]

[Berny 2000]

[Bessaou et al. 2000]

[Beyer and Deb 2000]

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

D. V. Arnold and H.-G. Beyer, Efficiency and mutation strength adaptation of the (mu, mu<sub>i</sub>, 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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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. J. Merelo, and H.-P. Schwefel, volume 1917 of *LNCS*, pp. 437–446, Paris, France, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

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, 16-20Sept. 2000, Springer-Verlag.

[Boettcher et al. 2000]

[Bosman and Thierens 2000]

[Branke and Mattfeld 2000]

[Bright and Turton 2000]

[Butz et al. 2000]

[Collet et al. 2000]

[Corne et al. 2000]

[Cotta and Troya 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Deb et al. 2000a]

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, 16-20Sept. 2000, Springer-Verlag.

[Deb et al. 2000b]

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, 16-20Sept. 2000, Springer-Verlag.

[Delahaye and Puechmorel 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[den Besten et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[den Dulk and Brinkers 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Dozier 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Droste et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[English 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Esquivel et al. 2000]

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*, pp. 263–272, Paris, France, 16-20Sept. 2000, Springer-Verlag.

[Ficici and Pollack 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Filipic and Strancar 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Fonlupt and Robilliard 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[François 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Gottlieb and Eckert 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Gottlieb and Voss 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Hageman et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Hamida and Schoenauer 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Hansen 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Herrera and Lozano 2000]

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*, pp. 335–344, Paris, France, 16-20Sept. 2000, Springer-Verlag.

[Higuchi et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Holmes et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Ikeda and Kobayashi 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Jansen and Wegener 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Jelasity 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Jensen 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Kargupta 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Knjazew and Goldberg 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Knowles et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Kreutz et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Krink et al. 2000]

T. Krink, P. Rickers, and R. Thomsen, Applying selforganised 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, 16-20Sept. 2000, Springer-Verlag.

[Kubo et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Landrin-Schweitzer and Lutton 2000] 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, 16-20Sept. 2000, Springer-Verlag.

[Langdon and Banzhaf 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Liu et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Ljubic et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Matsumura et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Mitchell and Pocknell 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Ochoa et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Ochoa 2000]

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.

[Olsson 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Oyama et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Pagie and Hogeweg 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Paredis 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Pelikan and Goldberg 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Ratle and Sebag 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Reeves 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Romero et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Rothlauf and Goldberg 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Sano and Kita 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Schmidt and Michalewicz 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Schoenauer et al. 2000]

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.

[Schoofs and Naudts 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Sefrioui and Périaux 2000]

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*, pp. 879–888, Paris, France, 16-20Sept. 2000, Springer-Verlag.

[Sharpe 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Silva et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Sloman 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Steels 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Stützle et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Tereshko 2000]

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. Merelo, and H.-P. Schwefel, volume 1917 of

LNCS,pp. 807–816, Paris, France, 16-20<br/>Sept. 2000, Springer-Verlag.

[Thomsen et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Tomassini and Perrenoud 2000]

M. Tomassini and M. Perrenoud, Stream cyphers with oneand 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, 16-20Sept. 2000, Springer-Verlag.

[Tzafestas 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Valenzuela and Wang 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[van Dijk et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Vázquez and Whitley 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Veenman et al. 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Wakunda and Zell 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Walton and Smith 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Watson and Pollack 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Weicker 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Whitley 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Zhang and Joung 2000]

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, 16-20Sept. 2000, Springer-Verlag.

[Zhang and Shin 2000]

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, 16-20Sept. 2000, Springer-Verlag.