

Список литературы

- [Alba and Troya(2000)] Enrique Alba and José M. Troya. 2000. Cellular evolutionary algorithms: Evaluating the influence of ratio. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 29–38, Paris, France. Springer-Verlag.
- [Albrecht et al.(2000)Albrecht, Der, Steinhöfel, and Wong] Andreas Alexander Albrecht, Uwe Der, Kathleen Steinhöfel, and Chak-Kuen Wong. 2000. Distributed simulated annealing for job shop scheduling. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 243–252, Paris, France. Springer-Verlag.
- [Arnold and Beyer(2000)] Dirk V. Arnold and Hans-Georg Beyer. 2000. Efficiency and mutation strength adaptation of the (μ, μ_1, λ) -ES in a noisy environment. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 39–48, Paris, France. Springer-Verlag.
- [Bäck et al.(2000)Bäck, Eiben, and van der Vaart] Thomas Bäck, A. E. Eiben, and N. A. L. van der Vaart. 2000. An empirical study on GAs “without parameters”. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 315–324, Paris, France. Springer-Verlag.
- [Belaidouni and Hao(2000)] Meriema Belaidouni and Jin-Kao Hao. 2000. 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*, volume 1917 of *LNCS*, pages 49–58, Paris, France. Springer-Verlag.
- [Berny(2000)] Arnaud Berny. 2000. Selection and reinforcement learning for combinatorial optimization. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 601–610, Paris, France. Springer-Verlag.
- [Bessaou et al.(2000)Bessaou, Pétrowski, and Siarry] Mourad Bessaou, Alain Pétrowski, and Patrick Siarry. 2000. Island model cooperating with speciation for multimodal optimization. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 437–446, Paris, France. Springer-Verlag.
- [den Besten et al.(2000)den Besten, Stützle, and Dorigo] Matthijs den Besten, Thomas Stützle, and Marco Dorigo. 2000. Ant colony optimization for the total weighted tardiness problem. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 611–620, Paris, France. Springer-Verlag.
- [Beyer and Deb(2000)] Hans-Georg Beyer and Kalyanmoy Deb. 2000. On the desired behaviors of self-adaptive evolutionary algorithms. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 59–68, Paris, France. Springer-Verlag.
- [Boettcher et al.(2000)Boettcher, Percus, and Grigni] Stefan Boettcher, Allon G. Percus, and Michelangelo Grigni. 2000. Optimizing through co-evolutionary avalanches. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 447–456, Paris, France. Springer-Verlag.
- [Bosman and Thierens(2000)] Peter A. N. Bosman and Dirk Thierens. 2000. 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*, volume 1917 of *LNCS*, pages 767–776, Paris, France. Springer-Verlag.
- [Branke and Mattfeld(2000)] Jürgen Branke and Dirk C. Mattfeld. 2000. Anticipation in dynamic optimization: The scheduling case. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 253–262, Paris, France. Springer-Verlag.

- [Bright and Turton(2000)] Marc Bright and Brian Turton. 2000. 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*, volume 1917 of *LNCS*, pages 583–588, Paris, France. Springer-Verlag.
- [Butz et al.(2000)Butz, Goldberg, and Stolzmann] Martin Butz, David E. Goldberg, and Wolfgang Stolzmann. 2000. Investigating generalization in the anticipatory classifier system. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 735–744, Paris, France. Springer-Verlag.
- [Collet et al.(2000)Collet, Lutton, Schoenauer, and Louchet] Pierre Collet, Evelyne Lutton, Marc Schoenauer, and Jean Louchet. 2000. Take it EASEA. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 891–901, Paris, France. Springer-Verlag.
- [Corne et al.(2000)Corne, Knowles, and Oates] David Corne, Joshua D. Knowles, and Martin J. Oates. 2000. 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*, volume 1917 of *LNCS*, pages 839–848, Paris, France. Springer-Verlag.
- [Cotta and Troya(2000)] Carlos Cotta and José M. Troya. 2000. 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*, volume 1917 of *LNCS*, pages 325–334, Paris, France. Springer-Verlag.
- [Deb et al.(2000a)Deb, Agrawal, Pratap, and Meyarivan] Kalyanmoy Deb, Samir Agrawal, Amrit Pratap, and T. Meyarivan. 2000a. 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*, volume 1917 of *LNCS*, pages 849–858, Paris, France. Springer-Verlag.
- [Deb et al.(2000b)Deb, Pratap, and Moitra] Kalyanmoy Deb, Amrit Pratap, and Subrajyoti Moitra. 2000b. 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*, volume 1917 of *LNCS*, pages 859–868, Paris, France. Springer-Verlag.
- [Delahaye and Puechmorel(2000)] Daniel Delahaye and Stephane Puechmorel. 2000. 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*, volume 1917 of *LNCS*, pages 777–786, Paris, France. Springer-Verlag.
- [van Dijk et al.(2000)van Dijk, Thierens, and de Berg] Steven van Dijk, Dirk Thierens, and Mark de Berg. 2000. Scalability and efficiency of genetic algorithms for geometrical applications. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 683–692, Paris, France. Springer-Verlag.
- [Dozier(2000)] Gerry V. Dozier. 2000. 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*, volume 1917 of *LNCS*, pages 561–570, Paris, France. Springer-Verlag.
- [Droste et al.(2000)Droste, Heutelbeck, and Wegener] Stefan Droste, Dominic Heutelbeck, and Ingo Wegener. 2000. Distributed hybrid genetic programming for learning boolean functions. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 181–190, Paris, France. Springer-Verlag.
- [den Dulk and Brinkers(2000)] Paul den Dulk and Martijn Brinkers. 2000. 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*, volume 1917 of *LNCS*, pages 457–466, Paris, France. Springer-Verlag.

- [English(2000)] Thomas M. English. 2000. 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*, volume 1917 of *LNCS*, pages 69–78, Paris, France. Springer-Verlag.
- [Esquivel et al.(2000)Esquivel, Zuppa, and Gallard] Susana C. Esquivel, Federico Zuppa, and Raúl Héctor Gallard. 2000. Multirecombined evolutionary algorithms for the flow shop scheduling problem. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 263–272, Paris, France. Springer-Verlag.
- [Ficici and Pollack(2000)] Sevan G. Ficici and Jordan B. Pollack. 2000. A game-theoretic approach to the simple coevolutionary algorithm. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 467–476, Paris, France. Springer-Verlag.
- [Filipic and Strancar(2000)] Bogdan Filipic and Janez Strancar. 2000. 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*, volume 1917 of *LNCS*, pages 693–701, Paris, France. Springer-Verlag.
- [Fonlupt and Robilliard(2000)] Cyril Fonlupt and Denis Robilliard. 2000. 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*, volume 1917 of *LNCS*, pages 191–200, Paris, France. Springer-Verlag.
- [François(2000)] Olivier François. 2000. Large derivations, evolutionary computation and comparisons of algorithms. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 79–88, Paris, France. Springer-Verlag.
- [Gottlieb and Eckert(2000)] Jens Gottlieb and Christoph Eckert. 2000. 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*, volume 1917 of *LNCS*, pages 345–354, Paris, France. Springer-Verlag.
- [Gottlieb and Voss(2000)] Jens Gottlieb and Nico Voss. 2000. Adaptive fitness functions for the satisfiability problem. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 621–630, Paris, France. Springer-Verlag.
- [Hageman et al.(2000)Hageman, Wehrens, de Gelder, Meerts, and Buydens] Jos A. Hageman, Ron Wehrens, René de Gelder, W. L. Meerts, and Lutgarde M. C. Buydens. 2000. Fitting fluorescence spectra with genetic algorithms. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 702–711, Paris, France. Springer-Verlag.
- [Hamida and Schoenauer(2000)] Sana Ben Hamida and Marc Schoenauer. 2000. An adaptive algorithm for constrained optimization problems. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 529–538, Paris, France. Springer-Verlag.
- [Hansen(2000)] Nikolaus Hansen. 2000. Invariance, self-adaptation and correlated mutations and evolution strategies. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 355–364, Paris, France. Springer-Verlag.
- [Herrera and Lozano(2000)] Francisco Herrera and Manuel Lozano. 2000. 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*, volume 1917 of *LNCS*, pages 335–344, Paris, France. Springer-Verlag.

- [Higuchi et al.(2000)Higuchi, Tsutsui, and Yamamura] Takahide Higuchi, Shigeyoshi Tsutsui, and Masayuki Yamamura. 2000. 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*, volume 1917 of *LNCS*, pages 365–374, Paris, France. Springer-Verlag.
- [Holmes et al.(2000)Holmes, Durbin, and Winston] John H. Holmes, Dennis R. Durbin, and Flaura K. Winston. 2000. 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*, volume 1917 of *LNCS*, pages 745–754, Paris, France. Springer-Verlag.
- [Ikeda and Kobayashi(2000)] Kokoro Ikeda and Shigenobu Kobayashi. 2000. 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*, volume 1917 of *LNCS*, pages 273–282, Paris, France. Springer-Verlag.
- [Jansen and Wegener(2000)] Thomas Jansen and Ingo Wegener. 2000. 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*, volume 1917 of *LNCS*, pages 89–98, Paris, France. Springer-Verlag.
- [Jelasity(2000)] Márk Jelasity. 2000. Towards automatic domain knowledge extraction for evolutionary heuristics. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 755–764, Paris, France. Springer-Verlag.
- [Jensen(2000)] Mikkel T. Jensen. 2000. 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*, volume 1917 of *LNCS*, pages 283–292, Paris, France. Springer-Verlag.
- [Kargupta(2000)] Hillol Kargupta. 2000. 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*, volume 1917 of *LNCS*, pages 99–108, Paris, France. Springer-Verlag.
- [Knjazew and Goldberg(2000)] Dimitri Knjazew and David E. Goldberg. 2000. 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*, volume 1917 of *LNCS*, pages 631–640, Paris, France. Springer-Verlag.
- [Knowles et al.(2000)Knowles, Corne, and Oates] Joshua D. Knowles, David Corne, and Martin J. Oates. 2000. 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*, volume 1917 of *LNCS*, pages 869–878, Paris, France. Springer-Verlag.
- [Kreutz et al.(2000)Kreutz, Hanke, and Gehlen] Martin Kreutz, Detlef Hanke, and Stefan Gehlen. 2000. 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*, volume 1917 of *LNCS*, pages 293–302, Paris, France. Springer-Verlag.
- [Krink et al.(2000)Krink, Rickers, and Thomsen] Thiemo Krink, Peter Rickers, and René Thomsen. 2000. Applying self-organised criticality to evolutionary algorithms. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 375–384, Paris, France. Springer-Verlag.
- [Kubo et al.(2000)Kubo, Satoh, Inoue, Uno, and Namatame] Masao Kubo, Hiroshi Satoh, Yuichiro Inoue, Kimitaka Uno, and Akira Namatame. 2000. The number of people with whom a man interacts. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 477–486, Paris, France. Springer-Verlag.
- [Landrin-Schweitzer and Lutton(2000)] Yann Landrin-Schweitzer and Evelyne Lutton. 2000. 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*, volume 1917 of *LNCS*, pages 109–118, Paris, France. Springer-Verlag.

- [Langdon and Banzhaf(2000)] William B. Langdon and Wolfgang Banzhaf. 2000. Genetic programming bloat without semantics. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 201–210, Paris, France. Springer-Verlag.
- [Liu et al.(2000)Liu, Iwata, Higuchi, and Keymeulen] Yong Liu, Masaya Iwata, Tetsuya Higuchi, and Didier Keymeulen. 2000. 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*, volume 1917 of *LNCS*, pages 589–598, Paris, France. Springer-Verlag.
- [Ljubic et al.(2000)Ljubic, Raidl, and Kratica] Ivana Ljubic, Günther R. Raidl, and Jozef Kratica. 2000. A hybrid GA for the edge-biconnectivity augmentation problem. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 641–650, Paris, France. Springer-Verlag.
- [Matsumura et al.(2000)Matsumura, Ohkura, and Ueda] Yoshiyuki Matsumura, Kazuhiro Ohkura, and Kanji Ueda. 2000. Statistical characteristics of evolution strategies. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 119–128, Paris, France. Springer-Verlag.
- [Mitchell and Pocknell(2000)] Ian Mitchell and Philip Pocknell. 2000. A temporal representation for GA and TSP. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 651–660, Paris, France. Springer-Verlag.
- [Ochoa et al.(2000)Ochoa, Mühlenbein, and Soto] Alberto Ochoa, Heinz Mühlenbein, and Marta Soto. 2000. A factorized distribution algorithm using single connected bayesian networks. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 787–796, Paris, France. Springer-Verlag.
- [Ochoa(2000)] Gabriela Ochoa. 2000. 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*, volume 1917 of *LNCS*, pages 129–138, Paris, France. Springer-Verlag.
- [Olsson(2000)] Björn Olsson. 2000. 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*, volume 1917 of *LNCS*, pages 487–496, Paris, France. Springer-Verlag.
- [Oyama et al.(2000)Oyama, Obayashi, and Nakamura] Akira Oyama, Shigeru Obayashi, and Takashi Nakamura. 2000. 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*, volume 1917 of *LNCS*, pages 712–721, Paris, France. Springer-Verlag.
- [Pagie and Hogeweg(2000)] Ludo Pagie and Paulien Hogeweg. 2000. Optimization as side-effect of evolving allelopathic diversity. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 797–806, Paris, France. Springer-Verlag.
- [Paredis(2000)] Jan Paredis. 2000. Towards balanced coevolution. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 497–506, Paris, France. Springer-Verlag.
- [Pelikan and Goldberg(2000)] Martin Pelikan and David E. Goldberg. 2000. Genetic algorithms, clustering, and the breaking of symmetry. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 385–394, Paris, France. Springer-Verlag.
- [Ratle and Sebag(2000)] Alain Ratle and Michèle Sebag. 2000. 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*, volume 1917 of *LNCS*, pages 211–220, Paris, France. Springer-Verlag.

- [Reeves(2000)] Colin R. Reeves. 2000. Experiments with tuneable fitness landscapes. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 139–148, Paris, France. Springer-Verlag.
- [Romero et al.(2000)] Romero, Arenas, Castellano, Valdivieso, Carpio, Guervós, Prieto, and Santos] Gustavo Romero, Maribel García Arenas, J. G. Castellano, Pedro A. Castillo Valdivieso, J. Carpio, Juan J. Merelo Guervós, Alberto Prieto, and Víctor Manuel Rivas Santos. 2000. Evolutionary computation visualization: Application to G-PROP. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 902–912, Paris, France. Springer-Verlag.
- [Rothlauf and Goldberg(2000)] Franz Rothlauf and David E. Goldberg. 2000. 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*, volume 1917 of *LNCS*, pages 395–404, Paris, France. Springer-Verlag.
- [Sano and Kita(2000)] Yasuhito Sano and Hajime Kita. 2000. 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*, volume 1917 of *LNCS*, pages 571–580, Paris, France. Springer-Verlag.
- [Schmidt and Michalewicz(2000)] Martin Schmidt and Zbigniew Michalewicz. 2000. Test-case generator *cg-2* for nonlinear parameter optimisation. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 539–548, Paris, France. Springer-Verlag.
- [Schoenauer et al.(2000)] Schoenauer, Deb, Rudolph, Yao, Lutton, Merelo, and Schwefel] Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors. 2000. *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*. Springer Verlag, Paris, France.
- [Schoofs and Naudts(2000)] Luk Schoofs and Bart Naudts. 2000. 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*, volume 1917 of *LNCS*, pages 549–558, Paris, France. Springer-Verlag.
- [Sefrioui and Périaux(2000)] Mourad Sefrioui and Jacques Périaux. 2000. A hierarchical genetic algorithm using multiple models for optimization. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 879–888, Paris, France. Springer-Verlag.
- [Sharpe(2000)] Oliver Sharpe. 2000. Introducing a new persistence measure. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 149–158, Paris, France. Springer-Verlag.
- [Silva et al.(2000)] Silva, Neves, and Costa] Arlindo Silva, Ana Neves, and Ernesto Costa. 2000. Polymorphy and hybridization in genetically programmed networks. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 221–230, Paris, France. Springer-Verlag.
- [Sloman(2000)] Aaron Sloman. 2000. 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*, volume 1917 of *LNCS*, pages 3–16, Paris, France. Springer-Verlag.
- [Steels(2000)] Luc Steels. 2000. Language as a complex adaptive system. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 17–26, Paris, France. Springer-Verlag.

- [Stützle et al.(2000)Stützle, Grün, Linke, and Rüttger] Thomas Stützle, Andreas Grün, Sebastian Linke, and Marco Rüttger. 2000. 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*, volume 1917 of *LNCS*, pages 661–670, Paris, France. Springer-Verlag.
- [Tereshko(2000)] Valery Tereshko. 2000. 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*, volume 1917 of *LNCS*, pages 807–816, Paris, France. Springer-Verlag.
- [Thomsen et al.(2000)Thomsen, Rickers, and Krink] René Thomsen, Peter Rickers, and Thiemo Krink. 2000. A religion-based spatial model for evolutionary algorithms. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 817–826, Paris, France. Springer-Verlag.
- [Tomassini and Perrenoud(2000)] Marco Tomassini and Mathieu Perrenoud. 2000. Stream cyphers with one- and two-dimensional cellular automata. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 722–731, Paris, France. Springer-Verlag.
- [Tzafestas(2000)] Elpida Tzafestas. 2000. Spatial games with adaptive tit-for-tats. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 507–516, Paris, France. Springer-Verlag.
- [Valenzuela and Wang(2000)] Christine L. Valenzuela and Pearl Y. Wang. 2000. A genetic algorithm for VLSI floorplanning. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 671–680, Paris, France. Springer-Verlag.
- [Vázquez and Whitley(2000)] Manuel Vázquez and L. Darrell Whitley. 2000. 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*, volume 1917 of *LNCS*, pages 303–312, Paris, France. Springer-Verlag.
- [Veenman et al.(2000)Veenman, Reinders, and Backer] Cor J. Veenman, Marcel J. T. Reinders, and Eric Backer. 2000. Competitive segmentation: A struggle for image space. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 517–526, Paris, France. Springer-Verlag.
- [Wakunda and Zell(2000)] Jürgen Wakunda and Andreas Zell. 2000. Median-selection for parallel steady-state evolution strategies. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 405–414, Paris, France. Springer-Verlag.
- [Walton and Smith(2000)] N. Walton and G. D. Smith. 2000. The origination of diversity by adaptive clustering. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 415–424, Paris, France. Springer-Verlag.
- [Watson and Pollack(2000)] Richard A. Watson and Jordan B. Pollack. 2000. 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*, volume 1917 of *LNCS*, pages 425–434, Paris, France. Springer-Verlag.
- [Weicker(2000)] Karsten Weicker. 2000. An analysis of dynamic severity and population size. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 159–168, Paris, France. Springer-Verlag.
- [Whitley(2000)] L. Darrell Whitley. 2000. 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*, volume 1917 of *LNCS*, pages 169–178, Paris, France. Springer-Verlag.

- [Zhang and Joung(2000)] Byoung-Tak Zhang and Je-Gun Joung. 2000. Building optimal committees of genetic programs. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 231–240, Paris, France. Springer-Verlag.
- [Zhang and Shin(2000)] Byoung-Tak Zhang and Soo-Yong Shin. 2000. Bayesian evolutionary optimization using helmholtz machines. In *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 827–836, Paris, France. Springer-Verlag.