## Список литературы

- [AB00] Dirk V. Arnold and Hans-Georg Beyer. Efficiency and mutation strength adaptation of the (mu, mu<sub>i</sub>, lambda)-ES in a noisy environment. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 39–48, Paris, France, 16-20September 2000. Springer-Verlag.
- [ADSW00] Andreas Alexander Albrecht, Uwe Der, Kathleen Steinhöfel, and Chak-Kuen Wong. Distributed simulated annealing for job shop scheduling. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 243–252, Paris, France, 16-20September 2000. Springer-Verlag.
- [AT00] Enrique Alba and José M. Troya. Cellular evolutionary algorithms: Evaluating the influence of ratio. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 29–38, Paris, France, 16-20September 2000. Springer-Verlag.
- [BD00] Hans-Georg Beyer and Kalyanmoy Deb. On the desired behaviors of self-adaptive evolutionary algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 59–68, Paris, France, 16-20September 2000. Springer-Verlag.
- [Ber00] Arnaud Berny. Selection and reinforcement learning for combinatorial optimization. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 601–610, Paris, France, 16-20September 2000. Springer-Verlag.
- [BEvdV00] Thomas Bäck, A. E. Eiben, and N. A. L. van der Vaart. An empirical study on GAs "without parameters". In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 315–324, Paris, France, 16-20September 2000. Springer-Verlag.
- [BGS00] Martin Butz, David E. Goldberg, and Wolfgang Stolzmann. Investigating generalization in the anticipatory classifier system. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 735–744, Paris, France, 16-20September 2000. Springer-Verlag.
- [BH00] Meriema Belaidouni and Jin-Kao Hao. An analysis of the configuration space of the maximal constraint satisfaction problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 49–58, Paris, France, 16-20September 2000. Springer-Verlag.
- [BM00] Jürgen Branke and Dirk C. Mattfeld. Anticipation in dynamic optimization: The scheduling case. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 253–262, Paris, France, 16-20September 2000. Springer-Verlag.

- [BPG00] Stefan Boettcher, Allon G. Percus, and Michelangelo Grigni. Optimizing through coevolutionary avalanches. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, volume 1917 of LNCS, pages 447–456, Paris, France, 16-20September 2000. Springer-Verlag.
- [BPS00] Mourad Bessaou, Alain Pétrowski, and Patrick Siarry. Island model cooperating with speciation for multimodal optimization. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 437–446, Paris, France, 16-20September 2000. Springer-Verlag.
- [BT00a] Peter A. N. Bosman and Dirk Thierens. Expanding from discrete to continuous estimation of distribution algorithms: The IDEA. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 767–776, Paris, France, 16-20September 2000. Springer-Verlag.
- [BT00b] Marc Bright and Brian Turton. An efficient random number generation architecture for hardware parallel genetic algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 583–588, Paris, France, 16-20September 2000. Springer-Verlag.
- [CKO00] David Corne, Joshua D. Knowles, and Martin J. Oates. The pareto envelope-based selection algorithm for multi-objective optimisation. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 839–848, Paris, France, 16-20September 2000. Springer-Verlag.
- [CLSL00] Pierre Collet, Evelyne Lutton, Marc Schoenauer, and Jean Louchet. Take it EASEA. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 891–901, Paris, France, 16-20September 2000. Springer-Verlag.
- [CT00] Carlos Cotta and José M. Troya. Using dynastic exploring recombination to promote diversity in genetic search. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 325–334, Paris, France, 16-20September 2000. Springer-Verlag.
- [DAPM00] Kalyanmoy Deb, Samir Agrawal, Amrit Pratap, and T. Meyarivan. A fast elitist non-dominated sorting genetic algorithm for multi-objective optimisation: NSGA-II. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 849–858, Paris, France, 16-20September 2000. Springer-Verlag.
- [dBSD00] Matthijs den Besten, Thomas Stützle, and Marco Dorigo. Ant colony optimization for the total weighted tardiness problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature

- *PPSN VI*, volume 1917 of *LNCS*, pages 611–620, Paris, France, 16-20September 2000. Springer-Verlag.
- [dDB00] Paul den Dulk and Martijn Brinkers. Evolution of altruism in viscous populations: Effects of altruism on the evolution of migrating behavior. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 457–466, Paris, France, 16-20September 2000. Springer-Verlag.
- [DHW00] Stefan Droste, Dominic Heutelbeck, and Ingo Wegener. Distributed hybrid genetic programming for learning boolean functions. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 181–190, Paris, France, 16-20September 2000. Springer-Verlag.
- [Doz00] Gerry V. Dozier. Steady-state evolutionary path planning, adaptive replacement, and hyper-diversity. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 561–570, Paris, France, 16-20September 2000. Springer-Verlag.
- [DP00] Daniel Delahaye and Stephane Puechmorel. A new genetic algorithms working on state domain order statistics. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 777–786, Paris, France, 16-20September 2000. Springer-Verlag.
- [DPM00] Kalyanmoy Deb, Amrit Pratap, and Subrajyoti Moitra. Mechanical component design for multiple objectives using elitist non-dominated sorting GA. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 859–868, Paris, France, 16-20September 2000. Springer-Verlag.
- [Eng00] Thomas M. English. Practical implications of new results in conservation of optimizer performance. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 69–78, Paris, France, 16-20September 2000. Springer-Verlag.
- [EZG00] Susana C. Esquivel, Federico Zuppa, and Raúl Héctor Gallard. Multirecombinated evolutionary algorithms for the flow shop scheduling problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 263–272, Paris, France, 16-20September 2000. Springer-Verlag.
- [FP00] Sevan G. Ficici and Jordan B. Pollack. A game-theoretic approach to the simple coevolutionary algorithm. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 467–476, Paris, France, 16-20September 2000. Springer-Verlag.
- [FR00] Cyril Fonlupt and Denis Robilliard. Genetic programming with dynamic fitness for a remote sensing application. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN

 $\it VI$ , volume 1917 of  $\it LNCS$ , pages 191–200, Paris, France, 16-20September 2000. Springer-Verlag.

- [Fra00] Olivier François. Large derivations, evolutionary computation and comparisons of algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 79–88, Paris, France, 16-20September 2000. Springer-Verlag.
- [FS00] Bogdan Filipic and Janez Strancar. Genetic optimization of the EPR spectral parameters: Algorithm implementation and preliminary results. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 693–701, Paris, France, 16-20September 2000. Springer-Verlag.
- [GE00] Jens Gottlieb and Christoph Eckert. A comparison of two representations for the fixed charge transportation problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 345–354, Paris, France, 16-20September 2000. Springer-Verlag.
- [GV00] Jens Gottlieb and Nico Voss. Adaptive fitness functions for the satisfiability problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 621–630, Paris, France, 16-20September 2000. Springer-Verlag.
- [Han00] Nikolaus Hansen. Invariance, self-adaptation and correlated mutations and evolution strategies. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 355–364, Paris, France, 16-20September 2000. Springer-Verlag.
- [HDW00] John H. Holmes, Dennis R. Durbin, and Flaura K. Winston. A new bootstrapping method to improve classification performance in learning classifier systems. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 745–754, Paris, France, 16-20September 2000. Springer-Verlag.
- [HL00] Francisco Herrera and Manuel Lozano. Adaptic control of the mutation probability by fuzzy logic controllers. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 335–344, Paris, France, 16-20September 2000. Springer-Verlag.
- [HS00] Sana Ben Hamida and Marc Schoenauer. An adaptive algorithm for constrained optimization problems. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 529–538, Paris, France, 16-20September 2000. Springer-Verlag.
- [HTY00] Takahide Higuchi, Shigeyoshi Tsutsui, and Masayuki Yamamura. Theoretical analysis of simplex crossover for real-coded genetic algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 365–374, Paris, France, 16-20September 2000. Springer-Verlag.

- [HWdG<sup>+</sup>00] Jos A. Hageman, Ron Wehrens, René de Gelder, W. L. Meerts, and Lutgarde M. C. Buydens. Fitting fluorescence spectra with genetic algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 702–711, Paris, France, 16-20September 2000. Springer-Verlag.
- [IK00] Kokolo Ikeda and Shigenobu Kobayashi. GA based on the UV-structure hypothesis and its application to JSP. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 273–282, Paris, France, 16-20September 2000. Springer-Verlag.
- [Jel00] Márk Jelasity. Towards automatic domain knowledge extraction for evolutionary heuristics. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 755–764, Paris, France, 16-20September 2000. Springer-Verlag.
- [Jen00] Mikkel T. Jensen. Neighbourhood based robustness applied to tardiness and total flowtime job shops. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 283–292, Paris, France, 16-20September 2000. Springer-Verlag.
- [JW00] Thomas Jansen and Ingo Wegener. On the choice of the mutation probability for the (1+1) EA. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 89–98, Paris, France, 16-20September 2000. Springer-Verlag.
- [Kar00] Hillol Kargupta. The genetic code-like transformations and their effect on learning functions. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 99–108, Paris, France, 16-20September 2000. Springer-Verlag.
- [KCO00] Joshua D. Knowles, David Corne, and Martin J. Oates. On the assessment of multiobjective approaches to the adaptive distributed database management problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 869–878, Paris, France, 16-20September 2000. Springer-Verlag.
- [KG00] Dimitri Knjazew and David E. Goldberg. Large-scale permutation optimization with the ordering messy genetic algorithm. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, volume 1917 of LNCS, pages 631–640, Paris, France, 16-20September 2000. Springer-Verlag.
- [KHG00] Martin Kreutz, Detlef Hanke, and Stefan Gehlen. Solving extended hybrid-flow-shop problems using active schedule generation and genetic algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 293–302, Paris, France, 16-20September 2000. Springer-Verlag.
- [KRT00] Thiemo Krink, Peter Rickers, and René Thomsen. Applying self-organised criticality to evolutionary algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin

Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings* of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI, volume 1917 of LNCS, pages 375–384, Paris, France, 16-20September 2000. Springer-Verlag.

- [KSI+00] Masao Kubo, Hiroshi Satoh, Yuichiro Inoue, Kimitaka Uno, and Akira Namatame. The number of people with whom a man interacts. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 477–486, Paris, France, 16-20September 2000. Springer-Verlag.
- [LB00] William B. Langdon and Wolfgang Banzhaf. Genetic programming bloat without semantics. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 201–210, Paris, France, 16-20September 2000. Springer-Verlag.
- [LIHK00] Yong Liu, Masaya Iwata, Tetsuya Higuchi, and Didier Keymeulen. An integrated on-line learning system for evolving programmable logic array controllers. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 589–598, Paris, France, 16-20September 2000. Springer-Verlag.
- [LRK00] Ivana Ljubic, Günther R. Raidl, and Jozef Kratica. A hybrid GA for the edge-biconnectivity augmentation problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 641–650, Paris, France, 16-20September 2000. Springer-Verlag.
- [LSL00] Yann Landrin-Schweitzer and Evelyne Lutton. Perturbation theory for evolutionary algorithms: Towards an estimation of convergence speed. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 109–118, Paris, France, 16-20September 2000. Springer-Verlag.
- [MOU00] Yoshiyuki Matsumura, Kazuhiro Ohkura, and Kanji Ueda. Statistical characteristics of evolution strategies. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 119–128, Paris, France, 16-20September 2000. Springer-Verlag.
- [MP00] Ian Mitchell and Philip Pocknell. A temporal representation for GA and TSP. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 651–660, Paris, France, 16-20September 2000. Springer-Verlag.
- [Och00] Gabriela Ochoa. Consensus sequence plots and error thresholds: Tools for visualising the structure of fitness landscapes. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 129–138, Paris, France, 2000. Springer-Verlag.
- [Ols00] Björn Olsson. NK-landscapes as test functions for evaluation of host-parasite algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International*

Conference on Parallel Problem Solving from Nature - PPSN VI, volume 1917 of LNCS, pages 487–496, Paris, France, 16-20September 2000. Springer-Verlag.

- [OMS00] Alberto Ochoa, Heinz Mühlenbein, and Marta Soto. A factorized distribution algorithm using single connected bayesian networks. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 787–796, Paris, France, 16-20September 2000. Springer-Verlag.
- [OON00] Akira Oyama, Shigeru Obayashi, and Takashi Nakamura. Real-coded adaptive range genetic algorithm applied to transonic wing optimization. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 712–721, Paris, France, 16-20September 2000. Springer-Verlag.
- [Par00] Jan Paredis. Towards balanced coevolution. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 497–506, Paris, France, 16-20September 2000. Springer-Verlag.
- [PG00] Martin Pelikan and David E. Goldberg. Genetic algorithms, clustering, and the breaking of symmetry. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 385–394, Paris, France, 16-20September 2000. Springer-Verlag.
- [PH00] Ludo Pagie and Paulien Hogeweg. Optimization as side-effect of evolving allelopathic diversity. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 797–806, Paris, France, 16-20September 2000. Springer-Verlag.
- [RAC+00] 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. Evolutionary computation visualization: Application to G-PROP. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 902–912, Paris, France, 16-20September 2000. Springer-Verlag.
- [Ree00] Colin R. Reeves. Experiments with tuneable fitness landscapes. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 139–148, Paris, France, 16-20September 2000. Springer-Verlag.
- [RG00] Franz Rothlauf and David E. Goldberg. Pruefer numbers and genetic algorithms: A lesson on how the low locality of an encoding can harm the performance of GAs. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 395–404, Paris, France, 16-20September 2000. Springer-Verlag.
- [RS00] Alain Ratle and Michèle Sebag. Genetic programming and domain knowledge: Beyond the limitations of grammar-guided machine discovery. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem*

- Solving from Nature PPSN VI, volume 1917 of LNCS, pages 211–220, Paris, France, 16-20September 2000. Springer-Verlag.
- [SDR<sup>+</sup>00] Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors. *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, Paris, France, September 16-20 2000. Springer Verlag.
- [SGLR00] Thomas Stützle, Andreas Grün, Sebastian Linke, and Marco Rüttger. A comparison of nature inspired heuristics on the traveling salesman problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 661–670, Paris, France, 16-20September 2000. Springer-Verlag.
- [Sha00] Oliver Sharpe. Introducing a new persistence measure. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 149–158, Paris, France, 16-20September 2000. Springer-Verlag.
- [SK00] Yasuhito Sano and Hajime Kita. Optimization of noisy fitness functions by means of genetic algorithms using history of search. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 571–580, Paris, France, 16-20September 2000. Springer-Verlag.
- [Slo00] Aaron Sloman. Interacting trajectories in design space and niche space: A philosopher speculates about evolution. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 3–16, Paris, France, 16-20September 2000. Springer-Verlag.
- [SM00] Martin Schmidt and Zbigniew Michalewicz. Test-case generator cg-2 for nonlinear parameter optimisation. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 539–548, Paris, France, 16-20September 2000. Springer-Verlag.
- [SN00] Luk Schoofs and Bart Naudts. Solving CSP instances beyond the phase transition using stochastic search algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 549–558, Paris, France, 16-20September 2000. Springer-Verlag.
- [SNC00] Arlindo Silva, Ana Neves, and Ernesto Costa. Polymorphy and hybridization in genetically programmed networks. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 221–230, Paris, France, 16-20September 2000. Springer-Verlag.
- [SP00] Mourad Sefrioui and Jacques Périaux. A hierarchical genetic algorithm using multiple models for optimization. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 879–888, Paris, France, 16-20September 2000. Springer-Verlag.

- [Ste00] Luc Steels. Language as a complex adaptive system. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 17–26, Paris, France, 16-20September 2000. Springer-Verlag.
- [Ter00] Valery Tereshko. Reaction-diffusion model of a honeybee colony's foraging behaviour. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 807–816, Paris, France, 16-20September 2000. Springer-Verlag.
- [TP00] Marco Tomassini and Mathieu Perrenoud. Stream cyphers with one- and two-dimensional cellular automata. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 722–731, Paris, France, 16-20September 2000. Springer-Verlag.
- [TRK00] René Thomsen, Peter Rickers, and Thiemo Krink. A religion-based spatial model for evolutionary algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 817–826, Paris, France, 16-20September 2000. Springer-Verlag.
- [Tza00] Elpida Tzafestas. Spatial games with adaptive tit-for-tats. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 507–516, Paris, France, 16-20September 2000. Springer-Verlag.
- [vDTdB00] Steven van Dijk, Dirk Thierens, and Mark de Berg. Scalability and efficiency of genetic algorithms for geometrical applications. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 683–692, Paris, France, 16-20September 2000. Springer-Verlag.
- [VRB00] Cor J. Veenman, Marcel J. T. Reinders, and Eric Backer. Competitive segmentation: A struggle for image space. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 517–526, Paris, France, 16-20September 2000. Springer-Verlag.
- [VW00a] Christine L. Valenzuela and Pearl Y. Wang. A genetic algorithm for VLSI floorplanning. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 671–680, Paris, France, 16-20September 2000. Springer-Verlag.
- [VW00b] Manuel Vázquez and L. Darrell Whitley. A comparison of genetic algorithms for the static job shop scheduling problem. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 303–312, Paris, France, 16-20September 2000. Springer-Verlag.
- [Wei00] Karsten Weicker. An analysis of dynamic severity and population size. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian

Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature - PPSN VI*, volume 1917 of *LNCS*, pages 159–168, Paris, France, 16-20September 2000. Springer-Verlag.

- [Whi00] L. Darrell Whitley. Functions as permutations: Regarding no free lunch, walsh analysis and summary statistics. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 169–178, Paris, France, 16-20September 2000. Springer-Verlag.
- [WP00] Richard A. Watson and Jordan B. Pollack. Symbiotic combination as an alternative to sexual recombination in genetic algorithms. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 425–434, Paris, France, 16-20September 2000. Springer-Verlag.
- [WS00] N. Walton and G. D. Smith. The origination of diversity by adaptive clustering. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI, volume 1917 of LNCS, pages 415–424, Paris, France, 16-20September 2000. Springer-Verlag.
- [WZ00] Jürgen Wakunda and Andreas Zell. Median-selection for parallel steady-state evolution strategies. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 405–414, Paris, France, 16-20September 2000. Springer-Verlag.
- [ZJ00] Byoung-Tak Zhang and Je-Gun Joung. Building optimal committees of genetic programs. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 231–240, Paris, France, 16-20September 2000. Springer-Verlag.
- [ZS00] Byoung-Tak Zhang and Soo-Yong Shin. Bayesian evolutionary optimization using helmholtz machines. In Marc Schoenauer, Kalyanmoy Deb, Günter Rudolph, Xin Yao, Evelyne Lutton, Juan Julian Merelo, and Hans-Paul Schwefel, editors, *Proceedings of the 6th International Conference on Parallel Problem Solving from Nature PPSN VI*, volume 1917 of *LNCS*, pages 827–836, Paris, France, 16-20September 2000. Springer-Verlag.