Список литературы

- [1] Paz-Ramos MA, Torres-Jimenez J, Quintero-Marmol-Marquez E, Estrada-Esquivel H. PID Controller Tuning for Stable and Unstable Processes Applying GA. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1–10.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030001.htm
- [2] Pedersen GK, Goldberg DE. Dynamic Uniform Scaling for Multiobjective Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 11-23. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030011.htm
- [3] Pelikan M, Lin TK. Parameter-Less Hierarchical BOA. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 24–35.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030024.htm
- [4] Pelikan M, Ocenasek J, Trebst S, Troyer M, Alet F. Computational Complexity and Simulation of Rare Events of Ising Spin Glasses. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 36-47.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030036.htm
- [5] Pelikan M, Sastry K. Fitness Inheritance in the Bayesian Optimization Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 48–59.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030048.htm
- [6] Rashidi F, Rashidi M. Limit Cycle Prediction in Multivariable Nonlinear Systems Using Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 60–68. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030060.htm
- [7] Reisinger J, Stanley KO, Miikkulainen R. Evolving Reusable Neural Modules. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 69–81. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030069.htm
- [8] Renslow MA, Hinkemeyer B, Julstrom BA. How Are We Doing? Predicting Evolutionary Algorithm Performance. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 82–89.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030082.htm

- [9] Rigal L, Castanier B, ppe Castagliola P. Introduction of a New Selection Parameter in Genetic Algorithm for Constrained Reliability Design Problems. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 90-101. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030090.htm
- [10] Rodriguez-Tello E, Torres-Jimenez J. Improving the Performance of a Genetic Algorithm Using a Variable-Reordering Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 102–113.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030102.htm
- [11] Sastry K, Goldberg DE. Designing Competent Mutation Operators Via Probabilistic Model Building of Neighborhoods. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 114–125.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030114.htm
- [12] Sastry K, Goldberg DE. Let's Get Ready to Rumble: Crossover Versus Mutation Head to Head. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 126-137. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030126.htm
- [13] Schmitt LM. Classification with Scaled Genetic Algorithms in a Coevolutionary Setting. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 138-149. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030138.htm
- [14] Seo DI, Choi SS, Moon BR. New Epistasis Measures for Detecting Independently Optimizable Partitions of Variables. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 150–161.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030150.htm
- [15] Sheng W, Tucker A, Liu X. Clustering with Niching Genetic K-means Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 162–173.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030162.htm
- [16] Soltoggio A. A Comparison of Genetic Programming and Genetic Algorithms in the Design of a Robust, Saturated Control System. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 174–185.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030174.htm

- [17] Streeter MJ. Upper Bounds on the Time and Space Complexity of Optimizing Additively Separable Functions. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 186–197. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030186.htm
- [18] Stringer H, Wu AS. Winnowing Wheat from Chaff: The Chunking GA. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 198–209. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030198.htm
- [19] Tay JC, Wibowo D. An Effective Chromosome Representation for Evolving Flexible Job Shop Schedules. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 210–221. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030210.htm
- [20] Tezuka M, Munetomo M, Akama K. Linkage Identification by Nonlinearity Check for Real-Coded Genetic Algorithms. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 222–233. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030222.htm
- [21] Thierens D. Population-Based Iterated Local Search: Restricting Neighborhood Search by Crossover. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 234–245. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030234.htm
- [22] Tsuji M, Munetomo M, Akama K. Modeling Dependencies of Loci with String Classification According to Fitness Differences. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 246–257.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030246.htm
- [23] Tzschoppe C, Rothlauf F, Pesch HJ. The Edge-Set Encoding Revisited: On the Bias of a Direct Representation for Trees. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 258-270.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030258.htm
- [24] Uyar S, Sariel S, Eryigit G. A Gene Based Adaptive Mutation Strategy for Genetic Algorithms. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 271–281. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030271.htm
- [25] Whitley D, Bush K, Rowe J. Subthreshold-Seeking Behavior and Robust Local Search. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R,

- Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 2004; pp. 282-293. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030282.htm
- [26] Whitley D, Lunacek M, Knight J. Ruffled by Ridges: How Evolutionary Algorithms Can Fail. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 294–306. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030294.htm
- [27] Willis-Ford C, Soule T. Non-stationary Subtasks Can Improve Diversity in Stationary Tasks. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 307-317. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030307.htm
- [28] Wineberg M, Chen J. The Shifting Balance Genetic Algorithm as More than Just Another Island Model GA. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 318–329. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030318.htm
- [29] Wright A, Cripe G. Bistability of the Needle Function in the Presence of Truncation Selection. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 330-342. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030330.htm
- [30] Wright A, Poli R, Stephens CR, Langdon W, Pulavarty S. An Estimation of Distribution Algorithm Based on Maximum Entropy. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 343–354.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030343.htm
- [31] Yu TL, Goldberg DE. Dependency Structure Matrix Analysis: Offline Utility of the Dependency Structure Matrix Genetic Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 355–366.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030355.htm
- [32] Yu TL, Goldberg DE. Toward an Understanding of the Quality and Efficiency of Model Building for Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 367–378.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030367.htm
- [33] Andrews MW, Salzberg C. Sexual and Asexual Paradigms in Evolution: The Implications for Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited

- by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 2004; pp. 379–380. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030379.htm
- [34] Bae SH, Moon BR. Mutation Rates in the Context of Hybrid Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 381–382.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030381.htm
- [35] Bambha NK, Bhattacharyya SS, Teich J, Zitzler E. Systematic Integration of Parameterized Local Search Techniques in Evolutionary Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 383–384.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030383.htm
- [36] Chen YC, Yang JM, Tsai CH, Kao CY. Comparative Molecular Binding Energy Analysis of HIV-1 Protease Inhibitors Using Genetic Algorithm-Based Partial Least Squares Method. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 385–386.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030385.htm
- [37] Dallaali MA, Premaratne M. Controlled Content Crossover: A New Crossover Scheme and Its Application to Optical Network Component Allocation Problem. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 387–389.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030387.htm
- [38] Devireddy V, Reed P. Efficient and Reliable Evolutionary Multiobjective Optimization Using e-Dominance Archiving and Adaptive Population Sizing. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 390-391. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030390.htm
- [39] Frommer I, Golden B, Pundoor G. Heuristic Methods for Solving Euclidean Non-uniform Steiner Tree Problems. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 392–393. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030392.htm
- [40] de Silva Garza AG, Lores AZ. Automating Evolutionary Art in the Style of Mondrian. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 394–395.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030394.htm
- [41] Handa H. Mutation Can Improve the Search Capability of Estimation of Distribution Algorithms. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R,

- Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 396–397. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030396.htm
- [42] Kim JH, Choi SS, Moon BR. Neural Network Normalization for Genetic Search. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 398–399. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030398.htm
- [43] Kim YH, Moon BR. Distance Measures in Genetic Algorithms. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 400–401. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030400.htm
- [44] Kleeman MP, Day RO, Lamont GB. Analysis of a Parallel MOEA Solving the Multi-objective Quadratic Assignment Problem. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 402–403. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030402.htm
- [45] Kwon YK, Moon BR. Evolving Features in Neural Networks for System Identification. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 404–405. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030404.htm
- [46] Lefort V, Knibbe C, Beslon G, Favrel J. A Bio-inspired Genetic Algorithm with a Self-Organizing Genome: The RBF-Gene Model. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 406–407.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030406.htm
- [47] Liu J, Buller A. Evolving Spike-Train Processors. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 408–409. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030408.htm
- [48] Lobo FG. A Philosophical Essay on Life and Its Connections with Genetic Algorithms. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 410–411. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030410.htm
- [49] Lobo FG, Lima CF, Mártires H. An Architecture for Massive Parallelization of the Compact Genetic Algorithm. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster

- J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 2004; pp. 412–413. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030412.htm
- [50] Rotar C. An Evolutionary Technique for Multicriterial Optimization Based on Endocrine Paradigm. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 414–415. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030414.htm
- [51] Tavares J, Pereira FB, Costa E. Evolving Golomb Rulers. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 416-417. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030416.htm
- [52] Yu H, Jiang N, Wu AS. Populating Genomes in a Dynamic Grid. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 418-419. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030418.htm
- [53] Zhu KQ, Liu Z. Empirical Study of Population Diversity in Permutation-Based Genetic Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 420–421. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030420.htm
- [54] Balan GC, Luke S. A Demonstration of Neural Programming Applied to Non-Markovian Problems. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 422–433. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030422.htm
- [55] Branke J, Funes P, Thiele F. Evolving En-Route Caching Strategies for the Internet. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 434–446.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030434.htm
- [56] Dempsey I, O'Neill M, Brabazon A. Grammatical Constant Creation. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 447–458. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030447.htm
- [57] Eskridge BE, Hougen DF. Memetic Crossover for Genetic Programming: Evolution Through Imitation. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 459-470. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030459.htm

- [58] Fernandez T. Virtual Ramping of Genetic Programming Populations. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 471–482. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030471.htm
- [59] Fukunaga AS. Evolving Local Search Heuristics for SAT Using Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 483–494.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030483.htm
- [60] Hornby GS. Shortcomings with Tree-Structured Edge Encodings for Neural Networks. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 495-506. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030495.htm
- [61] Janikow CZ. Adapting Representation in Genetic Programming. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 507-518. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030507.htm
- [62] Jung JY, Reggia JA. A Descriptive Encoding Language for Evolving Modular Neural Networks. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 519–530. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030519.htm
- [63] Keijzer M, Ryan C, Cattolico M. Run Transferable Libraries Learning Functional Bias in Problem Domains. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 531–542. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030531.htm
- [64] Kirshenbaum E, Suermondt HJ. Using Genetic Programming to Obtain a Closed-Form Approximation to a Recursive Function. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 543–556.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030543.htm
- [65] Leier A, Banzhaf W. Comparison of Selection Strategies for Evolutionary Quantum Circuit Design. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 557–568. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030557.htm
- [66] Massey P, Clark JA, Stepney S. Evolving Quantum Circuits and Programs Through Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by

- Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 569–580. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030569.htm
- [67] McIntyre A, Heywood M. On Multi-class Classification by Way of Niching. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 581–592. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030581.htm
- [68] McPhee NF, Jarvis A, Crane EF. On the Strength of Size Limits in Linear Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 593-604. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030593.htm
- [69] Hoai NX, McKay R. Softening the Structural Difficulty in Genetic Programming with TAG-Based Representation and Insertion/Deletion Operators. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 605-616.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030605.htm
- [70] O'Neill M, Brabazon A, Nicolau M, Garraghy SM, Keenan P. πGrammatical Evolution. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 617–629. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030617.htm
- [71] Panait L, Luke S. Alternative Bloat Control Methods. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 630-641.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030630.htm
- [72] Pilat ML, Oppacher F. Robotic Control Using Hierarchical Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 642–653.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030642.htm
- [73] Ryan C, Majeed H, Azad A. A Competitive Building Block Hypothesis. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 654–665. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030654.htm
- [74] Silva S, Costa E. Dynamic Limits for Bloat Control: Variations on Size and Depth. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer

- Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 666-677. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030666.htm
- [75] Terrio MD, Heywood MI. On Naive Crossover Biases with Reproduction for Simple Solutions to Classification Problems. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 678–689.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030678.htm
- [76] Vanneschi L, Clergue M, Collard P, Tomassini M, Vérel S. Fitness Clouds and Problem Hardness in Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 690–701.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030690.htm
- [77] Bernstein Y, Li X, Ciesielski V, Song A. Improving Generalisation Performance Through Multiobjective Parsimony Enforcement. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 702–703.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030702.htm
- [78] Fernlund H, Gonzalez AJ. Using GP to Model Contextual Human Behavior. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 704-705. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030704.htm
- [79] Harmon S, Rodriguez E, Zhong C, Hsu W. A Comparison of Hybrid Incremental Reuse Strategies for Reinforcement Learning in Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 706–707.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030706.htm
- [80] Liu H, Iba H. Humanoid Robot Programming Based on CBR Augmented GP. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 708-709. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030708.htm
- [81] Mabu S, Hirasawa K, Hu J. Genetic Network Programming with Reinforcement Learning and Its Performance Evaluation. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 710-711.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030710.htm
- [82] Murata T, Nakamura T. Multi-agent Cooperation Using Genetic Network Programming with Automatically Defined Groups. In: Genetic and Evolutionary Computation – GECCO-2004,

- Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 712–714.
- URL http://link.springer.de/link/service/series/0558/bibs/3103/31030712.htm
- [83] Piaseczny W, Suzuki H, Sawai H. Chemical Genetic Programming Coevolution Between Genotypic Strings and Phenotypic Trees. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 715–716.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030715.htm
- [84] Quan W, Soule T. A Study of the Role of Single Node Mutation in Genetic Programming. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 717–718. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030717.htm
- [85] Rodríguez-Vázquez K, Oliver-Morales C. Multi-branches Genetic Programming as a Tool for Function Approximation. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 719–721.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030719.htm
- [86] Seo K, Hu J, Fan Z, Goodman ED, Rosenberg RC. Hierarchical Breeding Control for Efficient Topology/Parameter Evolution. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 722–723.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030722.htm
- [87] Taniguchi K, Terano T. Keeping the Diversity with Small Populations Using Logic-Based Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 724–725. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030724.htm
- [88] Bacardit J, Garrell JM. Analysis and Improvements of the Adaptive Discretization Intervals Knowledge Representation. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 726–738.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030726.htm
- [89] Butz MV, Goldberg DE, Lanzi PL. Bounding Learning Time in XCS. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 739–750.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030739.htm

- [90] Butz MV, Goldberg DE, Lanzi PL. Gradient-Based Learning Updates Improve XCS Performance in Multistep Problems. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 751–762.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030751.htm
- [91] Ferrandi F, Lanzi PL, Sciuto D. System Level Hardware-Software Design Exploration with XCS. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 763-773. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030763.htm
- [92] Huang CY, Sun CT. Parameter Adaptation within Co-adaptive Learning Classifier Systems. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 774-784. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030774.htm
- [93] Kovacs T, Kerber M. High Classification Accuracy Does Not Imply Effective Genetic Search. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 785-796. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030785.htm
- [94] Llorà X, Wilson SW. Mixed Decision Trees: Minimizing Knowledge Representation Bias in LCS. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 797–809. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030797.htm
- [95] Sigaud O, Gourdin T, Wuillemin PH. Improving MACS Thanks to a Comparison with 2TBNs. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 810–823. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030810.htm
- [96] Wilson SW. Classifier Systems for Continuous Payoff Environments. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 824–835. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030824.htm
- [97] Chia HWK, Tan CL. Confidence and Support Classification Using Genetically Programmed Neural Logic Networks. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 836–837.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030836.htm
- [98] Acan A, Unveren A. An Evolutionary Constraint Satisfaction Solution for Over the Cell Channel Routing. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K,

- Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 2004; pp. 838-849. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030838.htm
- [99] Agarwal A, Lim MH, Chew CY, Poo TK, Er MJ, Leong YK. Solution to the Fixed Airbase Problem for Autonomous URAV Site Visitation Sequencing. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 850-858. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030850.htm
- [100] Agarwal A, Lim MH, Kyaw MYW, Er MJ. Inflight Rerouting for an Unmanned Aerial Vehicle. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 859-868. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030859.htm
- [101] Ali W, Topchy A. Memetic Optimization of Video Chain Designs. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 869-882. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030869.htm
- [102] Bandte O, Malinchik S. A Broad and Narrow Approach to Interactive Evolutionary Design An Aircraft Design Example. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 883–895.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030883.htm
- [103] Bhanu B, Yu J, Tan X, Lin Y. Feature Synthesis Using Genetic Programming for Face Expression Recognition. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 896-907. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030896.htm
- [104] Bui TN, Youssef WA. An Enhanced Genetic Algorithm for DNA Sequencing by Hybridization with Positive and Negative Errors. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 908-919.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030908.htm
- [105] Deb K, Mitra K, Dewri R, Majumdar S. Unveiling Optimal Operating Conditions for an Epoxy Polymerization Process Using Multi-objective Evolutionary Computation. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 920-931.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030920.htm
- [106] Elliott L, Ingham DB, Kyne AG, Mera NS, Pourkashanian M, Whittaker S. Efficient Clustering-Based Genetic Algorithms in Chemical Kinetic Modelling. In: *Genetic and Evolutionary*

- Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 932–944.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31030932.htm
- [107] Elliott L, Ingham DB, Kyne AG, Mera NS, Pourkashanian M, Wilson CW. An Informed Operator Based Genetic Algorithm for Tuning the Reaction Rate Parameters of Chemical Kinetics Mechanisms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 945–956.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31030945.htm
- [108] Gomez FJ, Miikkulainen R. Transfer of Neuroevolved Controllers in Unstable Domains. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 957-968. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030957.htm
- [109] Grasemann U, Miikkulainen R. Evolving Wavelets Using a Coevolutionary Genetic Algorithm and Lifting. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 969-980. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030969.htm
- [110] Hamza K, Saitou K. Optimization of Constructive Solid Geometry Via a Tree-Based Multiobjective Genetic Algorithm. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 981–992. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030981.htm
- [111] Hercog LM. Co-evolutionary Agent Self-Organization for City Traffic Congestion Modeling. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 993-1004. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030993.htm
- [112] zena Hidovic D, Rowe JE. Validating a Model of Colon Colouration Using an Evolution Strategy with Adaptive Approximations. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1005-1016.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031005.htm
- [113] Hussain T, Montana D, Vidaver G. Evolution-Based Deliberative Planning for Cooperating Unmanned Ground Vehicles in a Dynamic Environment. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1017-1029.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031017.htm

- [114] Kamalian R, Takagi H, Agogino AM. Optimized Design of MEMS by Evolutionary Multi-objective Optimization with Interactive Evolutionary Computation. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1030-1041.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031030.htm
- [115] Keedwell E, Khu ST. Hybrid Genetic Algorithms for Multi-Objective Optimisation of Water Distribution Networks. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1042–1053.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031042.htm
- [116] Kim JP, Kim YH, Moon BR. A Hybrid Genetic Approach for Circuit Bipartitioning. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1054-1064.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031054.htm
- [117] Kim YH, Moon BR. Lagrange Multiplier Method for Multi-campaign Assignment Problem. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1065-1077. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031065.htm
- [118] Kordon A, Jordaan E, Chew L, Smits G, Bruck T, Haney K, Jenings A. Biomass Inferential Sensor Based on Ensemble of Models Generated by Genetic Programming. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1078–1089.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031078.htm
- [119] Kowaliw T, Kharma N, Jensen C, Moghnieh H, Yao J. CellNet Co-Ev: Evolving Better Pattern Recognizers Using Competitive Co-evolution. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1090-1101.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031090.htm
- [120] Kwon YK, Moon BR. Evolutionary Ensemble for Stock Prediction. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1102–1113.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031102.htm
- [121] Lam B, Ciesielski V. Discovery of Human-Competitive Image Texture Feature Extraction Programs Using Genetic Programming. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1114–1125.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31031114.htm

- [122] Liang Y, Leung KS, Mok TSK. Evolutionary Drug Scheduling Model for Cancer Chemotherapy. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1126-1137. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031126.htm
- [123] Lu G, Areibi S. An Island-Based GA Implementation for VLSI Standard-Cell Placement. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1138-1150. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031138.htm
- [124] Malinchik S, Bonabeau E. Exploratory Data Analysis with Interactive Evolution. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1151-1161.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031151.htm
- [125] Martikainen J, Ovaska SJ. Designing Multiplicative General Parameter Filters Using Adaptive Genetic Algorithms. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1162–1176. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031162.htm
- [126] Maslov IV. Reducing the Cost of the Hybrid Evolutionary Algorithm with Image Local Response in Electronic Imaging. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1177–1188.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031177.htm
- [127] Nagata Y. The Lens Design Using the CMA-ES Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1189–1200.

 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031189.htm
- [128] Sanderson R. Automatic Synthesis of an 802.11a Wireless LAN Antenna Using Genetic Programming A Real World Application. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1201–1213.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031201.htm
- [129] Sim E, Jung S, Kim H, Park J. A Generic Network Design for a Closed-Loop Supply Chain Using Genetic Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1214–1225.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31031214.htm

- [130] Stanley KO, Miikkulainen R. Evolving a Roving Eye for Go. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1226-1238. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031226.htm
- [131] Streichert F, Ulmer H, Zell A. Comparing Discrete and Continuous Genotypes on the Constrained Portfolio Selection Problem. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1239–1250. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031239.htm
- [132] Tettamanzi A, Sammartino L, Simonov M, Soroldoni M, Beretta M. Learning Environment for Life Time Value Calculation of Customers in Insurance Domain. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1251-1262. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031251.htm
- [133] Tulai AF, Oppacher F. Multiple Species Weighted Voting A Genetics-Based Machine Learning System. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1263-1274. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031263.htm
- [134] Ványi R. Object Oriented Design and Implementation of a General Evolutionary Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1275–1286. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031275.htm
- [135] Weinert K, Stautner M. Generating Multiaxis Tool Paths for Die and Mold Making with Evolutionary Algorithms. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1287-1298. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031287.htm
- [136] Ballester PJ, Carter JN. Tackling an Inverse Problem from the Petroleum Industry with a Genetic Algorithm for Sampling. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1299–1300.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31031299.htm
- [137] Barbieri A, Cagnoni S, Colavolpe G. A Genetic Approach for Generating Good Linear Block Error-Correcting Codes. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1301–1302.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31031301.htm

- [138] Choi YS, Moon BR. Genetic Fuzzy Discretization for Classification Problems. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1303-1304.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031303.htm
- [139] González LC, Romero HJ, Brizuela CA. A Genetic Algorithm for the Shortest Common Superstring Problem. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1305–1306. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031305.htm
- [140] Hodjat B, Ito J, Amamiya M. A Genetic Algorithm to Improve Agent-Oriented Natural Language Interpreters. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1307-1309. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031307.htm
- [141] Hong Q, Kwong S, Wang H. Optimization of Gaussian Mixture Model Parameters for Speaker Identification. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1310-1311. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031310.htm
- [142] Leon E, Nasraoui O, Gomez J. Network Intrusion Detection Using Genetic Clustering. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1312–1313.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031312.htm
- [143] Llorá X, Ohnishi K, ping Chen Y, Goldberg DE, Welge ME. Enhanced Innovation: A Fusion of Chance Discovery and Evolutionary Computation to Foster Creative Processes and Decision Making. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1314-1315. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031314.htm
- [144] Lloyd LD, Johnston RL, Salhi S. Development of a Genetic Algorithm for Optimization of Nanoalloys. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1316-1317. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031316.htm
- [145] Matsui S, Watanabe I, ichi Tokoro K. Empirical Performance Evaluation of a Parameter-Free GA for JSSP. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1318–1319. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031318.htm
- [146] Mohr J, Li X. A Caching Genetic Algorithm for Spectral Breakpoint Matching. In: *Genetic and Evolutionary Computation GECCO-2004, Part II*, edited by Deb K, Poli R, Banzhaf W,

- Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1320–1321. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031320.htm
- [147] Moore RL, Williams A, Sheppard J. Multi-agent Simulation of Airline Travel Markets. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1322-1323. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031322.htm
- [148] Nasraoui O, Leon E. Improved Niching and Encoding Strategies for Clustering Noisy Data Sets. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1324-1325. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031324.htm
- [149] Northern J, Shanblatt M. A Multi-objective Approach to Configuring Embedded System Architectures. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1326-1327. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031326.htm
- [150] Sato Y. Achieving Shorter Search Times in Voice Conversion Using Interactive Evolution. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1328-1329. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031328.htm
- [151] Stephens C, Waelbroeck H, Talley S, Cruz R, Ash A. Predicting Healthcare Costs Using Classifiers. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1330–1331. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031330.htm
- [152] Vogts K, Pope N. Generating Compact Rough Cluster Descriptions Using an Evolutionary Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1332–1333. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031332.htm
- [153] Wedde HF, Farooq M, Lischka M. An Evolutionary Meta Hierarchical Scheduler for the Linux Operating System. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1334–1335. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031334.htm
- [154] Wu Z, Tang Z, Zou J, Kang L, Li M. An Evolutionary Algorithm for Parameters Identification in Parabolic Systems. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1336–1337. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031336.htm

- [155] Adamopoulos K, Harman M, Hierons RM. How to Overcome the Equivalent Mutant Problem and Achieve Tailored Selective Mutation Using Co-evolution. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1338-1349.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031338.htm
- [156] Lammermann F, Baresel A, Wegener J. Evaluating Evolutionary Testability with Software-Measurements. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1350-1362. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031350.htm
- [157] McMinn P, Holcombe M. Hybridizing Evolutionary Testing with the Chaining Approach. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1363-1374. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031363.htm
- [158] Mitchell BS, Mancoridis S, Traverso M. Using Interconnection Style Rules to Infer Software Architecture Relations. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1375-1387.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031375.htm
- [159] Vivanco R, Pizzi N. Finding Effective Software Metrics to Classify Maintainability Using a Parallel Genetic Algorithm. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1388-1399.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031388.htm
- [160] Wegener J, Bühler O. Evaluation of Different Fitness Functions for the Evolutionary Testing of an Autonomous Parking System. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1400-1412.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031400.htm
- [161] Zhan Y, Clark J. Search Based Automatic Test-Data Generation at an Architectural Level. In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1413-1424. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031413.htm
- [162] Antoniol G, Penta MD, Harman M. Search-Based Techniques for Optimizing Software Project Resource Allocation. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1425–1426. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031425.htm

- [163] Baresel A, Sthamer H, Wegener J. Applying Evolutionary Testing to Search for Critical Defects. In: Genetic and Evolutionary Computation - GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1427-1428. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031427.htm
- [164] Derderian K, Hierons RM, Harman M, Guo Q. Input Sequence Generation for Testing of Communicating Finite State Machines (CFSMs). In: Genetic and Evolutionary Computation GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1429-1430.
 URL http://link.springer.de/link/service/series/0558/bibs/3103/31031429.htm
- [165] Ferreira LP, Vergilio SR. TDSGen: An Environment Based on Hybrid Genetic Algorithms for Generation of Test Data. In: Genetic and Evolutionary Computation – GECCO-2004, Part II, edited by Deb K, Poli R, Banzhaf W, Beyer HG, Burke E, Darwen P, Dasgupta D, Floreano D, Foster J, Harman M, Holland O, Lanzi PL, Spector L, Tettamanzi A, Thierens D, Tyrrell A, vol. 3103 of Lecture Notes in Computer Science. Seattle, WA, USA: Springer-Verlag. 2004; pp. 1431–1432.
 - URL http://link.springer.de/link/service/series/0558/bibs/3103/31031431.htm