## Список литературы

- [1] Paz-Ramos, M. A, Torres-Jimenez, J, Quintero-Marmol-Marquez, E, & Estrada-Esquivel, H. (2004) PID Controller Tuning for Stable and Unstable Processes Applying GA, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1–10.
- [2] Pedersen, G. K & Goldberg, D. E. (2004) Dynamic Uniform Scaling for Multiobjective Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 11–23.
- [3] Pelikan, M & Lin, T.-K. (2004) Parameter-Less Hierarchical BOA, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 24–35.
- [4] Pelikan, M, Ocenasek, J, Trebst, S, Troyer, M, & Alet, F. (2004) Computational Complexity and Simulation of Rare Events of Ising Spin Glasses, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 36–47.
- [5] Pelikan, M & Sastry, K. (2004) Fitness Inheritance in the Bayesian Optimization Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 48–59.
- [6] Rashidi, F & Rashidi, M. (2004) Limit Cycle Prediction in Multivariable Nonlinear Systems Using Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 60–68.
- [7] Reisinger, J, Stanley, K. O, & Miikkulainen, R. (2004) Evolving Reusable Neural Modules, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 69–81.
- [8] Renslow, M. A, Hinkemeyer, B, & Julstrom, B. A. (2004) How Are We Doing? Predicting Evolutionary Algorithm Performance, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 82–89.
- [9] Rigal, L, Castanier, B, & ppe Castagliola, P. (2004) Introduction of a New Selection Parameter in Genetic Algorithm for Constrained Reliability Design Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 90–101.
- [10] Rodriguez-Tello, E & Torres-Jimenez, J. (2004) Improving the Performance of a Genetic Algorithm Using a Variable-Reordering Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 102–113.

- [11] Sastry, K & Goldberg, D. E. (2004) Designing Competent Mutation Operators Via Probabilistic Model Building of Neighborhoods, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 114–125.
- [12] Sastry, K & Goldberg, D. E. (2004) Let's Get Ready to Rumble: Crossover Versus Mutation Head to Head, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 126–137.
- [13] Schmitt, L. M. (2004) Classification with Scaled Genetic Algorithms in a Coevolutionary Setting, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 138–149.
- [14] Seo, D.-I, Choi, S.-S, & Moon, B.-R. (2004) New Epistasis Measures for Detecting Independently Optimizable Partitions of Variables, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 150–161.
- [15] Sheng, W, Tucker, A, & Liu, X. (2004) Clustering with Niching Genetic K-means Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 162–173.
- [16] Soltoggio, A. (2004) A Comparison of Genetic Programming and Genetic Algorithms in the Design of a Robust, Saturated Control System, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 174–185.
- [17] Streeter, M. J. (2004) Upper Bounds on the Time and Space Complexity of Optimizing Additively Separable Functions, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 186–197.
- [18] Stringer, H & Wu, A. S. (2004) Winnowing Wheat from Chaff: The Chunking GA, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 198–209.
- [19] Tay, J. C & Wibowo, D. (2004) An Effective Chromosome Representation for Evolving Flexible Job Shop Schedules, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 210–221.
- [20] Tezuka, M, Munetomo, M, & Akama, K. (2004) Linkage Identification by Nonlinearity Check for Real-Coded Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 222–233.

- [21] Thierens, D. (2004) Population-Based Iterated Local Search: Restricting Neighborhood Search by Crossover, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 234–245.
- [22] Tsuji, M, Munetomo, M, & Akama, K. (2004) Modeling Dependencies of Loci with String Classification According to Fitness Differences, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 246–257.
- [23] Tzschoppe, C, Rothlauf, F, & Pesch, H.-J. (2004) The Edge-Set Encoding Revisited: On the Bias of a Direct Representation for Trees, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 258–270.
- [24] Uyar, S, Sariel, S, & Eryigit, G. (2004) A Gene Based Adaptive Mutation Strategy for Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 271–281.
- [25] Whitley, D, Bush, K, & Rowe, J. (2004) Subthreshold-Seeking Behavior and Robust Local Search, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 282–293.
- [26] Whitley, D, Lunacek, M, & Knight, J. (2004) Ruffled by Ridges: How Evolutionary Algorithms Can Fail, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 294–306.
- [27] Willis-Ford, C & Soule, T. (2004) Non-stationary Subtasks Can Improve Diversity in Stationary Tasks, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 307–317.
- [28] Wineberg, M & Chen, J. (2004) The Shifting Balance Genetic Algorithm as More than Just Another Island Model GA, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 318–329.
- [29] Wright, A & Cripe, G. (2004) Bistability of the Needle Function in the Presence of Truncation Selection, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 330–342.
- [30] Wright, A, Poli, R, Stephens, C. R, Langdon, W, & Pulavarty, S. (2004) An Estimation of Distribution Algorithm Based on Maximum Entropy, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 343–354.

- [31] Yu, T.-L & Goldberg, D. E. (2004) Dependency Structure Matrix Analysis: Offline Utility of the Dependency Structure Matrix Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 355–366.
- [32] Yu, T.-L & Goldberg, D. E. (2004) Toward an Understanding of the Quality and Efficiency of Model Building for Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 367–378.
- [33] Andrews, M. W & Salzberg, C. (2004) Sexual and Asexual Paradigms in Evolution: The Implications for Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 379–380.
- [34] Bae, S.-H & Moon, B.-R. (2004) Mutation Rates in the Context of Hybrid Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 381–382.
- [35] Bambha, N. K, Bhattacharyya, S. S, Teich, J, & Zitzler, E. (2004) Systematic Integration of Parameterized Local Search Techniques in Evolutionary Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 383–384.
- [36] Chen, Y.-C, Yang, J.-M, Tsai, C.-H, & Kao, C.-Y. (2004) Comparative Molecular Binding Energy Analysis of HIV-1 Protease Inhibitors Using Genetic Algorithm-Based Partial Least Squares Method, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 385–386.
- [37] Dallaali, M. A & Premaratne, M. (2004) Controlled Content Crossover: A New Crossover Scheme and Its Application to Optical Network Component Allocation Problem, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 387–389.
- [38] Devireddy, V & Reed, P. (2004) Efficient and Reliable Evolutionary Multiobjective Optimization Using e-Dominance Archiving and Adaptive Population Sizing, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 390–391.
- [39] Frommer, I, Golden, B, & Pundoor, G. (2004) Heuristic Methods for Solving Euclidean Non-uniform Steiner Tree Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 392–393.
- [40] de Silva Garza, A. G & Lores, A. Z. (2004) Automating Evolutionary Art in the Style of Mondrian, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 394–395.

- [41] Handa, H. (2004) Mutation Can Improve the Search Capability of Estimation of Distribution Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 396–397.
- [42] Kim, J.-H, Choi, S.-S, & Moon, B.-R. (2004) Neural Network Normalization for Genetic Search, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 398–399.
- [43] Kim, Y.-H & Moon, B.-R. (2004) Distance Measures in Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 400–401.
- [44] Kleeman, M. P, Day, R. O, & Lamont, G. B. (2004) Analysis of a Parallel MOEA Solving the Multi-objective Quadratic Assignment Problem, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 402–403.
- [45] Kwon, Y.-K & Moon, B.-R. (2004) Evolving Features in Neural Networks for System Identification, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 404–405.
- [46] Lefort, V, Knibbe, C, Beslon, G, & Favrel, J. (2004) A Bio-inspired Genetic Algorithm with a Self-Organizing Genome: The RBF-Gene Model, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 406-407.
- [47] Liu, J & Buller, A. (2004) Evolving Spike-Train Processors, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 408–409.
- [48] Lobo, F. G. (2004) A Philosophical Essay on Life and Its Connections with Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 410–411.
- [49] Lobo, F. G, Lima, C. F, & Mártires, H. (2004) An Architecture for Massive Parallelization of the Compact Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 412–413.
- [50] Rotar, C. (2004) An Evolutionary Technique for Multicriterial Optimization Based on Endocrine Paradigm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 414–415.
- [51] Tavares, J, Pereira, F. B, & Costa, E. (2004) Evolving Golomb Rulers, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D,

- Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 416–417.
- [52] Yu, H, Jiang, N, & Wu, A. S. (2004) Populating Genomes in a Dynamic Grid, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 418–419.
- [53] Zhu, K. Q & Liu, Z. (2004) Empirical Study of Population Diversity in Permutation-Based Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 420–421.
- [54] Balan, G. C & Luke, S. (2004) A Demonstration of Neural Programming Applied to Non-Markovian Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 422–433.
- [55] Branke, J, Funes, P, & Thiele, F. (2004) Evolving En-Route Caching Strategies for the Internet, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 434–446.
- [56] Dempsey, I, O'Neill, M, & Brabazon, A. (2004) Grammatical Constant Creation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 447–458.
- [57] Eskridge, B. E & Hougen, D. F. (2004) Memetic Crossover for Genetic Programming: Evolution Through Imitation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 459–470.
- [58] Fernandez, T. (2004) Virtual Ramping of Genetic Programming Populations, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 471–482.
- [59] Fukunaga, A. S. (2004) Evolving Local Search Heuristics for SAT Using Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 483–494.
- [60] Hornby, G. S. (2004) Shortcomings with Tree-Structured Edge Encodings for Neural Networks, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 495–506.
- [61] Janikow, C. Z. (2004) Adapting Representation in Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 507–518.

- [62] Jung, J.-Y & Reggia, J. A. (2004) A Descriptive Encoding Language for Evolving Modular Neural Networks, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 519–530.
- [63] Keijzer, M, Ryan, C, & Cattolico, M. (2004) Run Transferable Libraries Learning Functional Bias in Problem Domains, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 531–542.
- [64] Kirshenbaum, E & Suermondt, H. J. (2004) Using Genetic Programming to Obtain a Closed-Form Approximation to a Recursive Function, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 543–556.
- [65] Leier, A & Banzhaf, W. (2004) Comparison of Selection Strategies for Evolutionary Quantum Circuit Design, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 557–568.
- [66] Massey, P, Clark, J. A, & Stepney, S. (2004) Evolving Quantum Circuits and Programs Through Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 569–580.
- [67] McIntyre, A & Heywood, M. (2004) On Multi-class Classification by Way of Niching, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 581–592.
- [68] McPhee, N. F, Jarvis, A, & Crane, E. F. (2004) On the Strength of Size Limits in Linear Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 593–604.
- [69] Hoai, N. X & McKay, R. (2004) Softening the Structural Difficulty in Genetic Programming with TAG-Based Representation and Insertion/Deletion Operators, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 605–616.
- [70] O'Neill, M, Brabazon, A, Nicolau, M, Garraghy, S. M, & Keenan, P. (2004) πGrammatical Evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 617–629.
- [71] Panait, L & Luke, S. (2004) Alternative Bloat Control Methods, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 630–641.
- [72] Pilat, M. L & Oppacher, F. (2004) Robotic Control Using Hierarchical Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E,

- Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 642–653.
- [73] Ryan, C, Majeed, H, & Azad, A. (2004) A Competitive Building Block Hypothesis, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 654–665.
- [74] Silva, S & Costa, E. (2004) Dynamic Limits for Bloat Control: Variations on Size and Depth, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 666-677.
- [75] Terrio, M. D & Heywood, M. I. (2004) On Naive Crossover Biases with Reproduction for Simple Solutions to Classification Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 678–689.
- [76] Vanneschi, L, Clergue, M, Collard, P, Tomassini, M, & Vérel, S. (2004) Fitness Clouds and Problem Hardness in Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 690–701.
- [77] Bernstein, Y, Li, X, Ciesielski, V, & Song, A. (2004) Improving Generalisation Performance Through Multiobjective Parsimony Enforcement, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 702–703.
- [78] Fernlund, H & Gonzalez, A. J. (2004) Using GP to Model Contextual Human Behavior, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 704–705.
- [79] Harmon, S, Rodríguez, E, Zhong, C, & Hsu, W. (2004) A Comparison of Hybrid Incremental Reuse Strategies for Reinforcement Learning in Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 706-707.
- [80] Liu, H & Iba, H. (2004) Humanoid Robot Programming Based on CBR Augmented GP, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 708–709.
- [81] Mabu, S, Hirasawa, K, & Hu, J. (2004) Genetic Network Programming with Reinforcement Learning and Its Performance Evaluation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 710–711.
- [82] Murata, T & Nakamura, T. (2004) Multi-agent Cooperation Using Genetic Network Programming with Automatically Defined Groups, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 712–714.

- [83] Piaseczny, W, Suzuki, H, & Sawai, H. (2004) Chemical Genetic Programming Coevolution Between Genotypic Strings and Phenotypic Trees, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 715–716.
- [84] Quan, W & Soule, T. (2004) A Study of the Role of Single Node Mutation in Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 717–718.
- [85] Rodríguez-Vázquez, K & Oliver-Morales, C. (2004) Multi-branches Genetic Programming as a Tool for Function Approximation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 719–721.
- [86] Seo, K, Hu, J, Fan, Z, Goodman, E. D, & Rosenberg, R. C. (2004) Hierarchical Breeding Control for Efficient Topology/Parameter Evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 722–723.
- [87] Taniguchi, K & Terano, T. (2004) Keeping the Diversity with Small Populations Using Logic-Based Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 724–725.
- [88] Bacardit, J & Garrell, J. M. (2004) Analysis and Improvements of the Adaptive Discretization Intervals Knowledge Representation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 726–738.
- [89] Butz, M. V, Goldberg, D. E, & Lanzi, P. L. (2004) Bounding Learning Time in XCS, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 739–750.
- [90] Butz, M. V, Goldberg, D. E, & Lanzi, P. L. (2004) Gradient-Based Learning Updates Improve XCS Performance in Multistep Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 751–762.
- [91] Ferrandi, F, Lanzi, P. L, & Sciuto, D. (2004) System Level Hardware-Software Design Exploration with XCS, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 763–773.
- [92] Huang, C.-Y & Sun, C.-T. (2004) Parameter Adaptation within Co-adaptive Learning Classifier Systems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 774–784.

- [93] Kovacs, T & Kerber, M. (2004) High Classification Accuracy Does Not Imply Effective Genetic Search, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 785–796.
- [94] Llorà, X & Wilson, S. W. (2004) Mixed Decision Trees: Minimizing Knowledge Representation Bias in LCS, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 797–809.
- [95] Sigaud, O, Gourdin, T, & Wuillemin, P.-H. (2004) Improving MACS Thanks to a Comparison with 2TBNs, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 810–823.
- [96] Wilson, S. W. (2004) Classifier Systems for Continuous Payoff Environments, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 824–835.
- [97] Chia, H. W.-K & Tan, C.-L. (2004) Confidence and Support Classification Using Genetically Programmed Neural Logic Networks, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 836–837.
- [98] Acan, A & Unveren, A. (2004) An Evolutionary Constraint Satisfaction Solution for Over the Cell Channel Routing, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 838–849.
- [99] Agarwal, A, Lim, M.-H, Chew, C. Y, Poo, T. K, Er, M. J, & Leong, Y. K. (2004) Solution to the Fixed Airbase Problem for Autonomous URAV Site Visitation Sequencing, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 850–858.
- [100] Agarwal, A, Lim, M.-H, Kyaw, M. Y. W, & Er, M. J. (2004) Inflight Rerouting for an Unmanned Aerial Vehicle, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 859–868.
- [101] Ali, W & Topchy, A. (2004) Memetic Optimization of Video Chain Designs, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 869–882.
- [102] Bandte, O & Malinchik, S. (2004) A Broad and Narrow Approach to Interactive Evolutionary Design – An Aircraft Design Example, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 883–895.
- [103] Bhanu, B, Yu, J, Tan, X, & Lin, Y. (2004) Feature Synthesis Using Genetic Programming for Face Expression Recognition, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf,

- W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 896–907.
- [104] Bui, T. N & Youssef, W. A. (2004) An Enhanced Genetic Algorithm for DNA Sequencing by Hybridization with Positive and Negative Errors, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 908–919.
- [105] Deb, K, Mitra, K, Dewri, R, & Majumdar, S. (2004) Unveiling Optimal Operating Conditions for an Epoxy Polymerization Process Using Multi-objective Evolutionary Computation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 920–931.
- [106] Elliott, L, Ingham, D. B, Kyne, A. G, Mera, N. S, Pourkashanian, M, & Whittaker, S. (2004) Efficient Clustering-Based Genetic Algorithms in Chemical Kinetic Modelling, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 932–944.
- [107] Elliott, L, Ingham, D. B, Kyne, A. G, Mera, N. S, Pourkashanian, M, & Wilson, C. W. (2004) An Informed Operator Based Genetic Algorithm for Tuning the Reaction Rate Parameters of Chemical Kinetics Mechanisms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 945–956.
- [108] Gomez, F. J & Miikkulainen, R. (2004) Transfer of Neuroevolved Controllers in Unstable Domains, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 957–968.
- [109] Grasemann, U & Miikkulainen, R. (2004) Evolving Wavelets Using a Coevolutionary Genetic Algorithm and Lifting, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 969–980.
- [110] Hamza, K & Saitou, K. (2004) Optimization of Constructive Solid Geometry Via a Tree-Based Multi-objective Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 981–992.
- [111] Hercog, L. M. (2004) Co-evolutionary Agent Self-Organization for City Traffic Congestion Modeling, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 993–1004.
- [112] zena Hidovic, D & Rowe, J. E. (2004) Validating a Model of Colon Colouration Using an Evolution Strategy with Adaptive Approximations, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1005–1016.

- [113] Hussain, T, Montana, D, & Vidaver, G. (2004) Evolution-Based Deliberative Planning for Cooperating Unmanned Ground Vehicles in a Dynamic Environment, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1017–1029.
- [114] Kamalian, R, Takagi, H, & Agogino, A. M. (2004) Optimized Design of MEMS by Evolutionary Multi-objective Optimization with Interactive Evolutionary Computation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1030–1041.
- [115] Keedwell, E & Khu, S.-T. (2004) Hybrid Genetic Algorithms for Multi-Objective Optimisation of Water Distribution Networks, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1042–1053.
- [116] Kim, J.-P, Kim, Y.-H, & Moon, B.-R. (2004) A Hybrid Genetic Approach for Circuit Bipartitioning, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1054–1064.
- [117] Kim, Y.-H & Moon, B.-R. (2004) Lagrange Multiplier Method for Multi-campaign Assignment Problem, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1065–1077.
- [118] Kordon, A, Jordaan, E, Chew, L, Smits, G, Bruck, T, Haney, K, & Jenings, A. (2004) Biomass Inferential Sensor Based on Ensemble of Models Generated by Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1078–1089.
- [119] Kowaliw, T, Kharma, N, Jensen, C, Moghnieh, H, & Yao, J. (2004) CellNet Co-Ev: Evolving Better Pattern Recognizers Using Competitive Co-evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1090–1101.
- [120] Kwon, Y.-K & Moon, B.-R. (2004) Evolutionary Ensemble for Stock Prediction, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1102–1113.
- [121] Lam, B & Ciesielski, V. (2004) Discovery of Human-Competitive Image Texture Feature Extraction Programs Using Genetic Programming, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1114–1125.
- [122] Liang, Y, Leung, K.-S, & Mok, T. S. K. (2004) Evolutionary Drug Scheduling Model for Cancer Chemotherapy, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1126–1137.

- [123] Lu, G & Areibi, S. (2004) An Island-Based GA Implementation for VLSI Standard-Cell Placement, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1138–1150.
- [124] Malinchik, S & Bonabeau, E. (2004) Exploratory Data Analysis with Interactive Evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1151–1161.
- [125] Martikainen, J & Ovaska, S. J. (2004) Designing Multiplicative General Parameter Filters Using Adaptive Genetic Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1162–1176.
- [126] Maslov, I. V. (2004) Reducing the Cost of the Hybrid Evolutionary Algorithm with Image Local Response in Electronic Imaging, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1177–1188.
- [127] Nagata, Y. (2004) The Lens Design Using the CMA-ES Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1189–1200.
- [128] Sanderson, R. (2004) Automatic Synthesis of an 802.11a Wireless LAN Antenna Using Genetic Programming A Real World Application, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1201–1213.
- [129] Sim, E, Jung, S, Kim, H, & Park, J. (2004) A Generic Network Design for a Closed-Loop Supply Chain Using Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1214–1225.
- [130] Stanley, K. O & Miikkulainen, R. (2004) Evolving a Roving Eye for Go, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1226–1238.
- [131] Streichert, F, Ulmer, H, & Zell, A. (2004) Comparing Discrete and Continuous Genotypes on the Constrained Portfolio Selection Problem, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1239–1250.
- [132] Tettamanzi, A, Sammartino, L, Simonov, M, Soroldoni, M, & Beretta, M. (2004) Learning Environment for Life Time Value Calculation of Customers in Insurance Domain, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1251–1262.
- [133] Tulai, A. F & Oppacher, F. (2004) Multiple Species Weighted Voting A Genetics-Based Machine Learning System, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer,

- H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1263–1274.
- [134] Ványi, R. (2004) Object Oriented Design and Implementation of a General Evolutionary Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1275–1286.
- [135] Weinert, K & Stautner, M. (2004) Generating Multiaxis Tool Paths for Die and Mold Making with Evolutionary Algorithms, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1287–1298.
- [136] Ballester, P. J & Carter, J. N. (2004) Tackling an Inverse Problem from the Petroleum Industry with a Genetic Algorithm for Sampling, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1299–1300.
- [137] Barbieri, A, Cagnoni, S, & Colavolpe, G. (2004) A Genetic Approach for Generating Good Linear Block Error-Correcting Codes, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1301–1302.
- [138] Choi, Y.-S & Moon, B.-R. (2004) Genetic Fuzzy Discretization for Classification Problems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1303–1304.
- [139] González, L. C, Romero, H. J, & Brizuela, C. A. (2004) A Genetic Algorithm for the Shortest Common Superstring Problem, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1305–1306.
- [140] Hodjat, B, Ito, J, & Amamiya, M. (2004) A Genetic Algorithm to Improve Agent-Oriented Natural Language Interpreters, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1307–1309.
- [141] Hong, Q, Kwong, S, & Wang, H. (2004) Optimization of Gaussian Mixture Model Parameters for Speaker Identification, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1310–1311.
- [142] Leon, E, Nasraoui, O, & Gomez, J. (2004) Network Intrusion Detection Using Genetic Clustering, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1312–1313.
- [143] Llorá, X, Ohnishi, K, ping Chen, Y, Goldberg, D. E, & Welge, M. E. (2004) Enhanced Innovation: A Fusion of Chance Discovery and Evolutionary Computation to Foster Creative Processes and

- Decision Making, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1314–1315.
- [144] Lloyd, L. D, Johnston, R. L, & Salhi, S. (2004) Development of a Genetic Algorithm for Optimization of Nanoalloys, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1316–1317.
- [145] Matsui, S, Watanabe, I, & ichi Tokoro, K. (2004) Empirical Performance Evaluation of a Parameter-Free GA for JSSP, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1318–1319.
- [146] Mohr, J & Li, X. (2004) A Caching Genetic Algorithm for Spectral Breakpoint Matching, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1320–1321.
- [147] Moore, R. L, Williams, A, & Sheppard, J. (2004) Multi-agent Simulation of Airline Travel Markets, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1322–1323.
- [148] Nasraoui, O & Leon, E. (2004) Improved Niching and Encoding Strategies for Clustering Noisy Data Sets, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1324–1325.
- [149] Northern, J & Shanblatt, M. (2004) A Multi-objective Approach to Configuring Embedded System Architectures, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1326–1327.
- [150] Sato, Y. (2004) Achieving Shorter Search Times in Voice Conversion Using Interactive Evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1328–1329.
- [151] Stephens, C, Waelbroeck, H, Talley, S, Cruz, R, & Ash, A. (2004) Predicting Healthcare Costs Using Classifiers, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1330–1331.
- [152] Vogts, K & Pope, N. (2004) Generating Compact Rough Cluster Descriptions Using an Evolutionary Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1332–1333.
- [153] Wedde, H. F, Farooq, M, & Lischka, M. (2004) An Evolutionary Meta Hierarchical Scheduler for the Linux Operating System, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf,

- W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1334–1335.
- [154] Wu, Z, Tang, Z, Zou, J, Kang, L, & Li, M. (2004) An Evolutionary Algorithm for Parameters Identification in Parabolic Systems, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1336–1337.
- [155] Adamopoulos, K, Harman, M, & Hierons, R. M. (2004) How to Overcome the Equivalent Mutant Problem and Achieve Tailored Selective Mutation Using Co-evolution, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1338–1349.
- [156] Lammermann, F, Baresel, A, & Wegener, J. (2004) Evaluating Evolutionary Testability with Software-Measurements, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1350–1362.
- [157] McMinn, P & Holcombe, M. (2004) Hybridizing Evolutionary Testing with the Chaining Approach, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1363–1374.
- [158] Mitchell, B. S, Mancoridis, S, & Traverso, M. (2004) Using Interconnection Style Rules to Infer Software Architecture Relations, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1375–1387.
- [159] Vivanco, R & Pizzi, N. (2004) Finding Effective Software Metrics to Classify Maintainability Using a Parallel Genetic Algorithm, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1388–1399.
- [160] Wegener, J & Bühler, O. (2004) Evaluation of Different Fitness Functions for the Evolutionary Testing of an Autonomous Parking System, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1400-1412.
- [161] Zhan, Y & Clark, J. (2004) Search Based Automatic Test-Data Generation at an Architectural Level, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1413–1424.
- [162] Antoniol, G, Penta, M. D, & Harman, M. (2004) Search-Based Techniques for Optimizing Software Project Resource Allocation, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1425–1426.
- [163] Baresel, A, Sthamer, H, & Wegener, J. (2004) Applying Evolutionary Testing to Search for Critical Defects, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer,

- H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1427–1428.
- [164] Derderian, K, Hierons, R. M, Harman, M, & Guo, Q. (2004) Input Sequence Generation for Testing of Communicating Finite State Machines (CFSMs), Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1429–1430.
- [165] Ferreira, L. P & Vergilio, S. R. (2004) TDSGen: An Environment Based on Hybrid Genetic Algorithms for Generation of Test Data, Lecture Notes in Computer Science eds. Deb, K, Poli, R, Banzhaf, W, Beyer, H.-G, Burke, E, Darwen, P, Dasgupta, D, Floreano, D, Foster, J, Harman, M, Holland, O, Lanzi, P. L, Spector, L, Tettamanzi, A, Thierens, D, & Tyrrell, A. (Springer-Verlag, Seattle, WA, USA), Vol. 3103, pp. 1431–1432.