Список литературы

- [Acan & Unveren(2004)] Acan, A. & Unveren, A. (2004). An evolutionary constraint satisfaction solution for over the cell channel routing. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 838-849. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030838.htm.
- [Adamopoulos et al.(2004)Adamopoulos, Harman, & Hierons] Adamopoulos, K., Harman, M., & Hierons, R. M. (2004). How to overcome the equivalent mutant problem and achieve tailored selective mutation using co-evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1338–1349. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031338.htm.
- [Agarwal et al.(2004a)Agarwal, Lim, Chew, Poo, Er, & Leong] Agarwal, A., Lim, M.-H., Chew, C. Y., Poo, T. K., Er, M. J., & Leong, Y. K. (2004a). Solution to the fixed airbase problem for autonomous urav site visitation sequencing. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 850-858. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030850.htm.
- [Agarwal et al.(2004b)Agarwal, Lim, Kyaw, & Er] Agarwal, A., Lim, M.-H., Kyaw, M. Y. W., & Er, M. J. (2004b). Inflight rerouting for an unmanned aerial vehicle. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 859-868. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030859.htm.
- [Ali & Topchy(2004)] Ali, W. & Topchy, A. (2004). Memetic optimization of video chain designs. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 869-882. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030869.htm.
- [Andrews & Salzberg(2004)] Andrews, M. W. & Salzberg, C. (2004). Sexual and asexual paradigms in evolution: The implications for genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 379–380. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030379.htm.
- [Antoniol et al.(2004)Antoniol, Penta, & Harman] Antoniol, G., Penta, M. D., & Harman, M. (2004). Search-based techniques for optimizing software project resource allocation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1425-1426. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031425.htm.

- [Bacardit & Garrell(2004)] Bacardit, J. & Garrell, J. M. (2004). Analysis and improvements of the adaptive discretization intervals knowledge representation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 726-738. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030726.htm.
- [Bae & Moon(2004)] Bae, S.-H. & Moon, B.-R. (2004). Mutation rates in the context of hybrid genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 381-382. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030381.htm.
- [Balan & Luke(2004)] Balan, G. C. & Luke, S. (2004). A demonstration of neural programming applied to non-markovian problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 422–433. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030422.htm.
- [Ballester & Carter(2004)] Ballester, P. J. & Carter, J. N. (2004). Tackling an inverse problem from the petroleum industry with a genetic algorithm for sampling. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1299-1300. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031299.htm.
- [Bambha et al.(2004)Bambha, Bhattacharyya, Teich, & Zitzler] Bambha, N. K., Bhattacharyya, S. S., Teich, J., & Zitzler, E. (2004). Systematic integration of parameterized local search techniques in evolutionary algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 383-384. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030383.htm.
- [Bandte & Malinchik(2004)] Bandte, O. & Malinchik, S. (2004). A broad and narrow approach to interactive evolutionary design an aircraft design example. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 883–895. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030883.htm.
- [Barbieri et al.(2004)Barbieri, Cagnoni, & Colavolpe] Barbieri, A., Cagnoni, S., & Colavolpe, G. (2004). A genetic approach for generating good linear block error-correcting codes. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1301-1302. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031301.htm.
- [Baresel et al.(2004)Baresel, Sthamer, & Wegener] Baresel, A., Sthamer, H., & Wegener, J. (2004). Applying evolutionary testing to search for critical defects. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L.

- Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1427–1428. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031427.htm.
- [Bernstein et al.(2004)Bernstein, Li, Ciesielski, & Song] Bernstein, Y., Li, X., Ciesielski, V., & Song, A. (2004). Improving generalisation performance through multiobjective parsimony enforcement. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 702-703. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030702.htm.
- [Bhanu et al.(2004)Bhanu, Yu, Tan, & Lin] Bhanu, B., Yu, J., Tan, X., & Lin, Y. (2004). Feature synthesis using genetic programming for face expression recognition. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 896-907. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030896.htm.
- [Branke et al.(2004)Branke, Funes, & Thiele] Branke, J., Funes, P., & Thiele, F. (2004). Evolving en-route caching strategies for the internet. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 434-446. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030434.htm.
- [Bui & Youssef(2004)] Bui, T. N. & Youssef, W. A. (2004). An enhanced genetic algorithm for dna sequencing by hybridization with positive and negative errors. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 908-919. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030908.htm.
- [Butz et al.(2004a)Butz, Goldberg, & Lanzi] Butz, M. V., Goldberg, D. E., & Lanzi, P. L. (2004a). Bounding learning time in xcs. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 739-750. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030739.htm.
- [Butz et al.(2004b)Butz, Goldberg, & Lanzi] Butz, M. V., Goldberg, D. E., & Lanzi, P. L. (2004b). Gradient-based learning updates improve xcs performance in multistep problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 751-762. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030751.htm.
- [Chen et al.(2004)Chen, Yang, Tsai, & Kao] 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. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture

- Notes in Computer Science, 385-386. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030385.htm.
- [Chia & Tan(2004)] Chia, H. W.-K. & Tan, C.-L. (2004). Confidence and support classification using genetically programmed neural logic networks. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 836-837. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030836.htm.
- [Choi & Moon(2004)] Choi, Y.-S. & Moon, B.-R. (2004). Genetic fuzzy discretization for classification problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1303–1304. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031303.htm.
- [Dallaali & Premaratne(2004)] Dallaali, M. A. & Premaratne, M. (2004). Controlled content crossover: A new crossover scheme and its application to optical network component allocation problem. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation - GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 387-389. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030387.htm.
- [de Silva Garza & Lores(2004)] de Silva Garza, A. G. & Lores, A. Z. (2004). Automating evolutionary art in the style of mondrian. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 394–395. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030394.htm.
- [Deb et al.(2004)Deb, Mitra, Dewri, & Majumdar] Deb, K., Mitra, K., Dewri, R., & Majumdar, S. (2004). Unveiling optimal operating conditions for an epoxy polymerization process using multi-objective evolutionary computation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 920-931. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030920.htm.
- [Dempsey et al.(2004)Dempsey, O'Neill, & Brabazon] Dempsey, I., O'Neill, M., & Brabazon, A. (2004). Grammatical constant creation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 447–458. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030447.htm.
- [Derderian et al.(2004)Derderian, Hierons, Harman, & Guo] Derderian, K., Hierons, R. M., Harman, M., & Guo, Q. (2004). Input sequence generation for testing of communicating finite state machines (cfsms). In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1429–1430. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031429.htm.

- [Devireddy & Reed(2004)] Devireddy, V. & Reed, P. (2004). Efficient and reliable evolutionary multiobjective optimization using e-dominance archiving and adaptive population sizing. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 390-391. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030390.htm.
- [Elliott et al.(2004a)Elliott, Ingham, Kyne, Mera, Pourkashanian, & Whittaker] Elliott, L., Ingham, D. B., Kyne, A. G., Mera, N. S., Pourkashanian, M., & Whittaker, S. (2004a). Efficient clustering-based genetic algorithms in chemical kinetic modelling. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 932-944. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030932.htm.
- [Elliott et al.(2004b)Elliott, Ingham, Kyne, Mera, Pourkashanian, & Wilson] Elliott, L., Ingham, D. B., Kyne, A. G., Mera, N. S., Pourkashanian, M., & Wilson, C. W. (2004b). An informed operator based genetic algorithm for tuning the reaction rate parameters of chemical kinetics mechanisms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 945-956. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030945.htm.
- [Eskridge & Hougen(2004)] Eskridge, B. E. & Hougen, D. F. (2004). Memetic crossover for genetic programming: Evolution through imitation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 459-470. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030459.htm.
- [Fernandez(2004)] Fernandez, T. (2004). Virtual ramping of genetic programming populations. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 471-482. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030471.htm.
- [Fernlund & Gonzalez(2004)] Fernlund, H. & Gonzalez, A. J. (2004). Using gp to model contextual human behavior. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 704-705. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030704.htm.
- [Ferrandi et al.(2004)Ferrandi, Lanzi, & Sciuto] Ferrandi, F., Lanzi, P. L., & Sciuto, D. (2004). System level hardware-software design exploration with xcs. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 763-773. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030763.htm.
- [Ferreira & Vergilio(2004)] Ferreira, L. P. & Vergilio, S. R. (2004). Tdsgen: An environment based on hybrid genetic algorithms for generation of test data. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L.

- Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1431–1432. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031431.htm.
- [Frommer et al.(2004)Frommer, Golden, & Pundoor] Frommer, I., Golden, B., & Pundoor, G. (2004). Heuristic methods for solving euclidean non-uniform steiner tree problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 392–393. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030392.htm.
- [Fukunaga(2004)] Fukunaga, A. S. (2004). Evolving local search heuristics for sat using genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 483–494. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030483.htm.
- [Gomez & Miikkulainen(2004)] Gomez, F. J. & Miikkulainen, R. (2004). Transfer of neuroevolved controllers in unstable domains. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 957–968. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030957.htm.
- [González et al.(2004)González, Romero, & Brizuela] González, L. C., Romero, H. J., & Brizuela, C. A. (2004). A genetic algorithm for the shortest common superstring problem. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1305-1306. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031305.htm.
- [Grasemann & Miikkulainen(2004)] Grasemann, U. & Miikkulainen, R. (2004). Evolving wavelets using a coevolutionary genetic algorithm and lifting. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 969–980. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030969.htm.
- [Hamza & Saitou(2004)] Hamza, K. & Saitou, K. (2004). Optimization of constructive solid geometry via a tree-based multi-objective genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 981–992. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030981.htm.
- [Handa(2004)] Handa, H. (2004). Mutation can improve the search capability of estimation of distribution algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 396-397. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030396.htm.

- [Harmon et al.(2004)Harmon, Rodríguez, Zhong, & Hsu] Harmon, S., Rodríguez, E., Zhong, C., & Hsu, W. (2004). A comparison of hybrid incremental reuse strategies for reinforcement learning in genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 706-707. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030706.htm.
- [Hercog(2004)] Hercog, L. M. (2004). Co-evolutionary agent self-organization for city traffic congestion modeling. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 993–1004. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030993. htm.
- [Hoai & McKay(2004)] Hoai, N. X. & McKay, R. (2004). Softening the structural difficulty in genetic programming with tag-based representation and insertion/deletion operators. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 605-616. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030605.htm.
- [Hodjat et al.(2004)Hodjat, Ito, & Amamiya] Hodjat, B., Ito, J., & Amamiya, M. (2004). A genetic algorithm to improve agent-oriented natural language interpreters. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1307-1309. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031307.htm.
- [Hong et al.(2004)Hong, Kwong, & Wang] Hong, Q., Kwong, S., & Wang, H. (2004). Optimization of gaussian mixture model parameters for speaker identification. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1310–1311. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031310.htm.
- [Hornby(2004)] Hornby, G. S. (2004). Shortcomings with tree-structured edge encodings for neural networks. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 495-506. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030495.htm.
- [Huang & Sun(2004)] Huang, C.-Y. & Sun, C.-T. (2004). Parameter adaptation within co-adaptive learning classifier systems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 774-784. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030774.htm.
- [Hussain et al.(2004)Hussain, Montana, & Vidaver] Hussain, T., Montana, D., & Vidaver, G. (2004). Evolution-based deliberative planning for cooperating unmanned ground vehicles in a dynamic environment. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta,

- D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), *Genetic and Evolutionary Computation GECCO-2004, Part II*. Seattle, WA, USA: Springer-Verlag, vol. 3103 of *Lecture Notes in Computer Science*, 1017–1029. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031017.htm.
- [Janikow(2004)] Janikow, C. Z. (2004). Adapting representation in genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 507-518. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030507.htm.
- [Jung & Reggia(2004)] Jung, J.-Y. & Reggia, J. A. (2004). A descriptive encoding language for evolving modular neural networks. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 519–530. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030519.htm.
- [Kamalian et al.(2004)Kamalian, Takagi, & Agogino] Kamalian, R., Takagi, H., & Agogino, A. M. (2004). Optimized design of mems by evolutionary multi-objective optimization with interactive evolutionary computation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1030-1041. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031030.htm.
- [Keedwell & Khu(2004)] Keedwell, E. & Khu, S.-T. (2004). Hybrid genetic algorithms for multiobjective optimisation of water distribution networks. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation - GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1042-1053. URL http://link.springer.de/link/service/ series/0558/bibs/3103/31031042.htm.
- [Keijzer et al.(2004)Keijzer, Ryan, & Cattolico] Keijzer, M., Ryan, C., & Cattolico, M. (2004). Run transferable libraries learning functional bias in problem domains. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 531-542. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030531.htm.
- [Kim et al.(2004a)Kim, Choi, & Moon] Kim, J.-H., Choi, S.-S., & Moon, B.-R. (2004a). Neural network normalization for genetic search. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 398-399. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030398.htm.
- [Kim et al.(2004b)Kim, Kim, & Moon] Kim, J.-P., Kim, Y.-H., & Moon, B.-R. (2004b). A hybrid genetic approach for circuit bipartitioning. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture

- Notes in Computer Science, 1054-1064. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031054.htm.
- [Kim & Moon(2004a)] Kim, Y.-H. & Moon, B.-R. (2004a). Distance measures in genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 400-401. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030400.htm.
- [Kim & Moon(2004b)] Kim, Y.-H. & Moon, B.-R. (2004b). Lagrange multiplier method for multi-campaign assignment problem. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1065-1077. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031065.htm.
- [Kirshenbaum & Suermondt(2004)] Kirshenbaum, E. & Suermondt, H. J. (2004). Using genetic programming to obtain a closed-form approximation to a recursive function. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 543-556. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030543.htm.
- [Kleeman et al.(2004)Kleeman, Day, & Lamont] Kleeman, M. P., Day, R. O., & Lamont, G. B. (2004). Analysis of a parallel moea solving the multi-objective quadratic assignment problem. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 402-403. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030402.htm.
- [Kordon et al.(2004)Kordon, Jordaan, Chew, Smits, Bruck, Haney, & Jenings] 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. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1078-1089. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031078.htm.
- [Kovacs & Kerber(2004)] Kovacs, T. & Kerber, M. (2004). High classification accuracy does not imply effective genetic search. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 785-796. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030785.htm.
- [Kowaliw et al.(2004)Kowaliw, Kharma, Jensen, Moghnieh, & Yao] Kowaliw, T., Kharma, N., Jensen, C., Moghnieh, H., & Yao, J. (2004). Cellnet co-ev: Evolving better pattern recognizers using competitive co-evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1090-1101. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031090.htm.

- [Kwon & Moon(2004a)] Kwon, Y.-K. & Moon, B.-R. (2004a). Evolutionary ensemble for stock prediction. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1102–1113. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031102.htm.
- [Kwon & Moon(2004b)] Kwon, Y.-K. & Moon, B.-R. (2004b). Evolving features in neural networks for system identification. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 404-405. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030404.htm.
- [Lam & Ciesielski(2004)] Lam, B. & Ciesielski, V. (2004). Discovery of human-competitive image texture feature extraction programs using genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1114-1125. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031114.htm.
- [Lammermann et al.(2004)Lammermann, Baresel, & Wegener] Lammermann, F., Baresel, A., & Wegener, J. (2004). Evaluating evolutionary testability with software-measurements. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1350-1362. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031350.htm.
- [Lefort et al.(2004)Lefort, Knibbe, Beslon, & Favrel] Lefort, V., Knibbe, C., Beslon, G., & Favrel, J. (2004). A bio-inspired genetic algorithm with a self-organizing genome: The rbf-gene model. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 406-407. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030406.htm.
- [Leier & Banzhaf(2004)] Leier, A. & Banzhaf, W. (2004). Comparison of selection strategies for evolutionary quantum circuit design. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 557–568. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030557.htm.
- [Leon et al.(2004)Leon, Nasraoui, & Gomez] Leon, E., Nasraoui, O., & Gomez, J. (2004). Network intrusion detection using genetic clustering. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1312–1313. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031312.htm.
- [Liang et al.(2004)Liang, Leung, & Mok] Liang, Y., Leung, K.-S., & Mok, T. S. K. (2004).
 Evolutionary drug scheduling model for cancer chemotherapy. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland,

- P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1126–1137. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031126.htm.
- [Liu & Iba(2004)] Liu, H. & Iba, H. (2004). Humanoid robot programming based on cbr augmented gp. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 708-709. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030708.htm.
- [Liu & Buller(2004)] Liu, J. & Buller, A. (2004). Evolving spike-train processors. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 408-409. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030408.htm.
- [Llorá et al.(2004)Llorá, Ohnishi, ping Chen, Goldberg, & Welge] 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. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1314-1315. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031314.htm.
- [Llorà & Wilson(2004)] Llorà, X. & Wilson, S. W. (2004). Mixed decision trees: Minimizing knowledge representation bias in lcs. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 797-809. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030797.htm.
- [Lloyd et al.(2004)Lloyd, Johnston, & Salhi] Lloyd, L. D., Johnston, R. L., & Salhi, S. (2004). Development of a genetic algorithm for optimization of nanoalloys. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1316-1317. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031316.htm.
- [Lobo(2004)] Lobo, F. G. (2004). A philosophical essay on life and its connections with genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 410-411. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030410.htm.
- [Lobo et al.(2004)Lobo, Lima, & Mártires] Lobo, F. G., Lima, C. F., & Mártires, H. (2004). An architecture for massive parallelization of the compact genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 412-413. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030412.htm.

- [Lu & Areibi(2004)] Lu, G. & Areibi, S. (2004). An island-based ga implementation for vlsi standard-cell placement. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1138–1150. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031138.htm.
- [Mabu et al.(2004)Mabu, Hirasawa, & Hu] Mabu, S., Hirasawa, K., & Hu, J. (2004). Genetic network programming with reinforcement learning and its performance evaluation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 710-711. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030710.htm.
- [Malinchik & Bonabeau(2004)] Malinchik, S. & Bonabeau, E. (2004). Exploratory data analysis with interactive evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1151–1161. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031151.htm.
- [Martikainen & Ovaska(2004)] Martikainen, J. & Ovaska, S. J. (2004). Designing multiplicative general parameter filters using adaptive genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1162–1176. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031162.htm.
- [Maslov(2004)] Maslov, I. V. (2004). Reducing the cost of the hybrid evolutionary algorithm with image local response in electronic imaging. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1177-1188. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031177.htm.
- [Massey et al.(2004)Massey, Clark, & Stepney] Massey, P., Clark, J. A., & Stepney, S. (2004). Evolving quantum circuits and programs through genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 569-580. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030569.htm.
- [Matsui et al.(2004)Matsui, Watanabe, & ichi Tokoro] Matsui, S., Watanabe, I., & ichi Tokoro, K. (2004). Empirical performance evaluation of a parameter-free ga for jssp. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1318-1319. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031318.htm.
- [McIntyre & Heywood(2004)] McIntyre, A. & Heywood, M. (2004). On multi-class classification by way of niching. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi,

- D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 581–592. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030581.htm.
- [McMinn & Holcombe(2004)] McMinn, P. & Holcombe, M. (2004). Hybridizing evolutionary testing with the chaining approach. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1363-1374. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031363.htm.
- [McPhee et al.(2004)McPhee, Jarvis, & Crane] McPhee, N. F., Jarvis, A., & Crane, E. F. (2004). On the strength of size limits in linear genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 593-604. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030593.htm.
- [Mitchell et al.(2004)Mitchell, Mancoridis, & Traverso] Mitchell, B. S., Mancoridis, S., & Traverso, M. (2004). Using interconnection style rules to infer software architecture relations. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1375–1387. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031375.htm.
- [Mohr & Li(2004)] Mohr, J. & Li, X. (2004). A caching genetic algorithm for spectral breakpoint matching. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1320–1321. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031320.htm.
- [Moore et al.(2004)Moore, Williams, & Sheppard] Moore, R. L., Williams, A., & Sheppard, J. (2004). Multi-agent simulation of airline travel markets. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1322-1323. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031322.htm.
- [Murata & Nakamura(2004)] Murata, T. & Nakamura, T. (2004). Multi-agent cooperation using genetic network programming with automatically defined groups. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 712-714. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030712.htm.
- [Nagata(2004)] Nagata, Y. (2004). The lens design using the cma-es algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1189-1200. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031189.htm.

- [Nasraoui & Leon(2004)] Nasraoui, O. & Leon, E. (2004). Improved niching and encoding strategies for clustering noisy data sets. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1324–1325. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031324.htm.
- [Northern & Shanblatt(2004)] Northern, J. & Shanblatt, M. (2004). A multi-objective approach to configuring embedded system architectures. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1326-1327. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031326.htm.
- [O'Neill et al.(2004)O'Neill, Brabazon, Nicolau, Garraghy, & Keenan] O'Neill, M., Brabazon, A., Nicolau, M., Garraghy, S. M., & Keenan, P. (2004). πgrammatical evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 617–629. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030617.htm.
- [Panait & Luke(2004)] Panait, L. & Luke, S. (2004). Alternative bloat control methods. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 630-641. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030630.htm.
- [Paz-Ramos et al.(2004)Paz-Ramos, Torres-Jimenez, Quintero-Marmol-Marquez, & Estrada-Esquivel] 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. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1–10. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030001.htm.
- [Pedersen & Goldberg(2004)] Pedersen, G. K. & Goldberg, D. E. (2004). Dynamic uniform scaling for multiobjective genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 11–23. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030011.htm.
- [Pelikan & Lin(2004)] Pelikan, M. & Lin, T.-K. (2004). Parameter-less hierarchical boa. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 24-35. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030024.htm.
- [Pelikan et al.(2004)Pelikan, Ocenasek, Trebst, Troyer, & Alet] Pelikan, M., Ocenasek, J., Trebst, S., Troyer, M., & Alet, F. (2004). Computational complexity and simulation of rare events of ising spin glasses. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi,

- D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 36-47. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030036.htm.
- [Pelikan & Sastry(2004)] Pelikan, M. & Sastry, K. (2004). Fitness inheritance in the bayesian optimization algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 48-59. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030048.htm.
- [Piaseczny et al.(2004)Piaseczny, Suzuki, & Sawai] Piaseczny, W., Suzuki, H., & Sawai, H. (2004). Chemical genetic programming coevolution between genotypic strings and phenotypic trees. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 715–716. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030715.htm.
- [Pilat & Oppacher(2004)] Pilat, M. L. & Oppacher, F. (2004). Robotic control using hierarchical genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 642–653. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030642.htm.
- [Quan & Soule(2004)] Quan, W. & Soule, T. (2004). A study of the role of single node mutation in genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 717-718. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030717.htm.
- [Rashidi & Rashidi(2004)] Rashidi, F. & Rashidi, M. (2004). Limit cycle prediction in multivariable nonlinear systems using genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 60-68. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030060.htm.
- [Reisinger et al.(2004)Reisinger, Stanley, & Miikkulainen] Reisinger, J., Stanley, K. O., & Miikkulainen, R. (2004). Evolving reusable neural modules. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 69-81. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030069.htm.
- [Renslow et al.(2004)Renslow, Hinkemeyer, & Julstrom] Renslow, M. A., Hinkemeyer, B., & Julstrom, B. A. (2004). How are we doing? predicting evolutionary algorithm performance. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 82-89. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030082.htm.

- [Rigal et al.(2004)Rigal, Castanier, & ppe Castagliola] Rigal, L., Castanier, B., & ppe Castagliola, P. (2004). Introduction of a new selection parameter in genetic algorithm for constrained reliability design problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 90-101. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030090.htm.
- [Rodriguez-Tello & Torres-Jimenez(2004)] Rodriguez-Tello, E. & Torres-Jimenez, J. (2004). Improving the performance of a genetic algorithm using a variable-reordering algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 102–113. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030102.htm.
- [Rodríguez-Vázquez & Oliver-Morales (2004)] Rodríguez-Vázquez, K. & Oliver-Morales, C. (2004). Multi-branches genetic programming as a tool for function approximation. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 719-721. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030719.htm.
- [Rotar(2004)] Rotar, C. (2004). An evolutionary technique for multicriterial optimization based on endocrine paradigm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 414–415. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030414.htm.
- [Ryan et al.(2004)Ryan, Majeed, & Azad] Ryan, C., Majeed, H., & Azad, A. (2004). A competitive building block hypothesis. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 654-665. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030654.htm.
- [Sanderson(2004)] Sanderson, R. (2004). Automatic synthesis of an 802.11a wireless lan antenna using genetic programming a real world application. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1201–1213. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031201.htm.
- [Sastry & Goldberg(2004a)] Sastry, K. & Goldberg, D. E. (2004a). Designing competent mutation operators via probabilistic model building of neighborhoods. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 114-125. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030114.htm.
- [Sastry & Goldberg (2004b)] Sastry, K. & Goldberg, D. E. (2004b). Let's get ready to rumble: Crossover versus mutation head to head. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector,

- A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 126–137. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030126.htm.
- [Sato(2004)] Sato, Y. (2004). Achieving shorter search times in voice conversion using interactive evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1328–1329. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031328.htm.
- [Schmitt(2004)] Schmitt, L. M. (2004). Classification with scaled genetic algorithms in a coevolutionary setting. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 138-149. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030138.htm.
- [Seo et al.(2004a)Seo, Choi, & Moon] Seo, D.-I., Choi, S.-S., & Moon, B.-R. (2004a). New epistasis measures for detecting independently optimizable partitions of variables. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 150–161. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030150.htm.
- [Seo et al.(2004b)Seo, Hu, Fan, Goodman, & Rosenberg] Seo, K., Hu, J., Fan, Z., Goodman, E. D., & Rosenberg, R. C. (2004b). Hierarchical breeding control for efficient topology/parameter evolution. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 722-723. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030722.htm.
- [Sheng et al.(2004)Sheng, Tucker, & Liu] Sheng, W., Tucker, A., & Liu, X. (2004). Clustering with niching genetic k-means algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 162–173. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030162.htm.
- [Sigaud et al.(2004)Sigaud, Gourdin, & Wuillemin] Sigaud, O., Gourdin, T., & Wuillemin, P.-H. (2004). Improving macs thanks to a comparison with 2tbns. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 810-823. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030810.htm.
- [Silva & Costa(2004)] Silva, S. & Costa, E. (2004). Dynamic limits for bloat control: Variations on size and depth. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 666-677. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030666.htm.

- [Sim et al.(2004)Sim, Jung, Kim, & Park] Sim, E., Jung, S., Kim, H., & Park, J. (2004). A generic network design for a closed-loop supply chain using genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1214-1225. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031214.htm.
- [Soltoggio(2004)] Soltoggio, A. (2004). A comparison of genetic programming and genetic algorithms in the design of a robust, saturated control system. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 174-185. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030174.htm.
- [Stanley & Miikkulainen(2004)] Stanley, K. O. & Miikkulainen, R. (2004). Evolving a roving eye for go. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1226-1238. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031226.htm.
- [Stephens et al.(2004)Stephens, Waelbroeck, Talley, Cruz, & Ash] Stephens, C., Waelbroeck, H., Talley, S., Cruz, R., & Ash, A. (2004). Predicting healthcare costs using classifiers. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1330-1331. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031330.htm.
- [Streeter(2004)] Streeter, M. J. (2004). Upper bounds on the time and space complexity of optimizing additively separable functions. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 186-197. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030186.htm.
- [Streichert et al.(2004)Streichert, Ulmer, & Zell] Streichert, F., Ulmer, H., & Zell, A. (2004). Comparing discrete and continuous genotypes on the constrained portfolio selection problem. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1239–1250. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031239.htm.
- [Stringer & Wu(2004)] Stringer, H. & Wu, A. S. (2004). Winnowing wheat from chaff: The chunking ga. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 198-209. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030198.htm.
- [Taniguchi & Terano(2004)] Taniguchi, K. & Terano, T. (2004). Keeping the diversity with small populations using logic-based genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture

- Notes in Computer Science, 724-725. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030724.htm.
- [Tavares et al.(2004)Tavares, Pereira, & Costa] Tavares, J., Pereira, F. B., & Costa, E. (2004). Evolving golomb rulers. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 416–417. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030416.htm.
- [Tay & Wibowo(2004)] Tay, J. C. & Wibowo, D. (2004). An effective chromosome representation for evolving flexible job shop schedules. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 210-221. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030210.htm.
- [Terrio & Heywood(2004)] Terrio, M. D. & Heywood, M. I. (2004). On naive crossover biases with reproduction for simple solutions to classification problems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 678–689. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030678.htm.
- [Tettamanzi et al.(2004)Tettamanzi, Sammartino, Simonov, Soroldoni, & Beretta] Tettamanzi, A., Sammartino, L., Simonov, M., Soroldoni, M., & Beretta, M. (2004). Learning environment for life time value calculation of customers in insurance domain. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1251-1262. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031251.htm.
- [Tezuka et al.(2004)Tezuka, Munetomo, & Akama] Tezuka, M., Munetomo, M., & Akama, K. (2004). Linkage identification by nonlinearity check for real-coded genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 222-233. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030222.htm.
- [Thierens(2004)] Thierens, D. (2004). Population-based iterated local search: Restricting neighborhood search by crossover. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 234–245. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030234.htm.
- [Tsuji et al.(2004)Tsuji, Munetomo, & Akama] Tsuji, M., Munetomo, M., & Akama, K. (2004). Modeling dependencies of loci with string classification according to fitness differences. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 246-257. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030246.htm.

- [Tulai & Oppacher(2004)] Tulai, A. F. & Oppacher, F. (2004). Multiple species weighted voting a genetics-based machine learning system. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1263–1274. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031263.htm.
- [Tzschoppe et al.(2004)Tzschoppe, Rothlauf, & Pesch] Tzschoppe, C., Rothlauf, F., & Pesch, H.-J. (2004). The edge-set encoding revisited: On the bias of a direct representation for trees. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 258-270. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030258.htm.
- [Uyar et al.(2004)Uyar, Sariel, & Eryigit] Uyar, S., Sariel, S., & Eryigit, G. (2004). A gene based adaptive mutation strategy for genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 271-281. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030271.htm.
- [Vanneschi et al.(2004) Vanneschi, Clergue, Collard, Tomassini, & Vérel] Vanneschi, L., Clergue, M., Collard, P., Tomassini, M., & Vérel, S. (2004). Fitness clouds and problem hardness in genetic programming. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 690-701. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030690.htm.
- [Ványi(2004)] Ványi, R. (2004). Object oriented design and implementation of a general evolutionary algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1275–1286. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031275.htm.
- [Vivanco & Pizzi(2004)] Vivanco, R. & Pizzi, N. (2004). Finding effective software metrics to classify maintainability using a parallel genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1388-1399. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031388.htm.
- [Vogts & Pope(2004)] Vogts, K. & Pope, N. (2004). Generating compact rough cluster descriptions using an evolutionary algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1332–1333. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031332.htm.
- [Wedde et al.(2004)Wedde, Farooq, & Lischka] Wedde, H. F., Farooq, M., & Lischka, M. (2004). An evolutionary meta hierarchical scheduler for the linux operating system. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman,

- O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1334–1335. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031334.htm.
- [Wegener & Bühler (2004)] Wegener, J. & Bühler, O. (2004). Evaluation of different fitness functions for the evolutionary testing of an autonomous parking system. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation - GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1400-1412. URL http://link.springer.de/link/service/ series/0558/bibs/3103/31031400.htm.
- [Weinert & Stautner(2004)] Weinert, K. & Stautner, M. (2004). Generating multiaxis tool paths for die and mold making with evolutionary algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1287–1298. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031287.htm.
- [Whitley et al.(2004a)Whitley, Bush, & Rowe] Whitley, D., Bush, K., & Rowe, J. (2004a). Subthreshold-seeking behavior and robust local search. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 282–293. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030282.htm.
- [Whitley et al.(2004b)Whitley, Lunacek, & Knight] Whitley, D., Lunacek, M., & Knight, J. (2004b). Ruffled by ridges: How evolutionary algorithms can fail. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 294-306. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030294.htm.
- [Willis-Ford & Soule(2004)] Willis-Ford, C. & Soule, T. (2004). Non-stationary subtasks can improve diversity in stationary tasks. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 307–317. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030307.htm.
- [Wilson(2004)] Wilson, S. W. (2004). Classifier systems for continuous payoff environments. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 824-835. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030824.htm.
- [Wineberg & Chen(2004)] Wineberg, M. & Chen, J. (2004). The shifting balance genetic algorithm as more than just another island model ga. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 318–329. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030318.htm.

- [Wright & Cripe(2004)] Wright, A. & Cripe, G. (2004). Bistability of the needle function in the presence of truncation selection. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 330-342. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030330.htm.
- [Wright et al.(2004)Wright, Poli, Stephens, Langdon, & Pulavarty] Wright, A., Poli, R., Stephens, C. R., Langdon, W., & Pulavarty, S. (2004). An estimation of distribution algorithm based on maximum entropy. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 343-354. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030343.htm.
- [Wu et al.(2004)Wu, Tang, Zou, Kang, & Li] Wu, Z., Tang, Z., Zou, J., Kang, L., & Li, M. (2004). An evolutionary algorithm for parameters identification in parabolic systems. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1336-1337. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031336.htm.
- [Yu et al.(2004)Yu, Jiang, & Wu] Yu, H., Jiang, N., & Wu, A. S. (2004). Populating genomes in a dynamic grid. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 418-419. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030418.htm.
- [Yu & Goldberg(2004a)] Yu, T.-L. & Goldberg, D. E. (2004a). Dependency structure matrix analysis: Offline utility of the dependency structure matrix genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 355–366. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030355.htm.
- [Yu & Goldberg(2004b)] Yu, T.-L. & Goldberg, D. E. (2004b). Toward an understanding of the quality and efficiency of model building for genetic algorithms. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 367–378. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030367.htm.
- [zena Hidovic & Rowe(2004)] zena Hidovic, D. & Rowe, J. E. (2004). Validating a model of colon colouration using an evolution strategy with adaptive approximations. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1005-1016. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031005.htm.
- [Zhan & Clark(2004)] Zhan, Y. & Clark, J. (2004). Search based automatic test-data generation at an architectural level. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector,

A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation – GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 1413–1424. URL http://link.springer.de/link/service/series/0558/bibs/3103/31031413.htm.

[Zhu & Liu(2004)] Zhu, K. Q. & Liu, Z. (2004). Empirical study of population diversity in permutation-based genetic algorithm. In K. Deb, R. Poli, W. Banzhaf, H.-G. Beyer, E. Burke, P. Darwen, D. Dasgupta, D. Floreano, J. Foster, M. Harman, O. Holland, P. L. Lanzi, L. Spector, A. Tettamanzi, D. Thierens, & A. Tyrrell (Eds.), Genetic and Evolutionary Computation - GECCO-2004, Part II. Seattle, WA, USA: Springer-Verlag, vol. 3103 of Lecture Notes in Computer Science, 420-421. URL http://link.springer.de/link/service/series/0558/bibs/3103/31030420.htm.