

Список литературы

- [Acan & Unveren(2004)] ACAN, A. & UNVEREN, A. (2004). An evolutionary constraint satisfaction solution for over the cell channel routing. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. &

- TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. &

- TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. &

- TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L.,

- SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part*

- II (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030483.htm>.
- [Gomez & Mikkulainen(2004)] GOMEZ, F. J. & MIKKULAINEN, R. (2004). Transfer of neuroevolved controllers in unstable domains. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31031305.htm>.
- [Grasemann & Mikkulainen(2004)] GRASEMANN, U. & MIKKULAINEN, R. (2004). Evolving wavelets using a coevolutionary genetic algorithm and lifting. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E.,

- DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M.,

- HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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 multi-objective optimisation of water distribution networks. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol.

3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. &

- TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030785.htm>.
- [Kowaliw *et al.*(2004)Kowaliw, Kharm, 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J.,

- HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J.,

- HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L.,

- TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL,

- A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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). π grammatical evolution. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANTHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030090.htm>.

- [Rodríguez-Tello & Torres-Jimenez(2004)] RODRIGUEZ-TELLO, E. & TORRES-JIMENEZ, J. (2004). Improving the performance of a genetic algorithm using a variable-reordering algorithm. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030162.htm>.
- [Sigaud et al.(2004)Sigaud, Gourdin & Wullemmin] SIGAUD, O., GOURDIN, T. & WULLEMIN, P.-H. (2004). Improving macs thanks to a comparison with 2tbns. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic*

- and *Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030174.htm>.
- [Stanley & Miikkulainen(2004)] STANLEY, K. O. & MIKKULAINEN, R. (2004). Evolving a roving eye for go. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31031226.htm>.
- [Stephens et al.(2004)Stephens, Waelbroeck, Talley, Cruz & Ash] STEPHENS, C., WELBROECK, H., TALLEY, S., CRUZ, R. & ASH, A. (2004). Predicting healthcare costs using classifiers. In: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation*

- *GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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:

- Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004,*

- Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J.,

- HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary*

Computation – GECCO-2004, Part II (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. 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: *Genetic and Evolutionary Computation – GECCO-2004, Part II* (DEB, K., POLI, R., BANZHAF, W., BEYER, H.-G., BURKE, E., DARWEN, P., DASGUPTA, D., FLOREANO, D., FOSTER, J., HARMAN, M., HOLLAND, O., LANZI, P. L., SPECTOR, L., TETTAMANZI, A., THIERENS, D. & TYRRELL, A., eds.), vol. 3103 of *Lecture Notes in Computer Science*. Seattle, WA, USA: Springer-Verlag. URL <http://link.springer.de/link/service/series/0558/bibs/3103/31030420.htm>.