## Список литературы

- [Ballerini and Franzén(2004)] L. Ballerini and L. Franzén, "Genetic optimization of morphological filters with applications in breast cancer detection," in *Applications of Evolutionary Computing*, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 250–259.
- [Ballerini et al.(2004)Ballerini, Bocchi, and Johansson] L. Ballerini, L. Bocchi, and C. B. Johansson, "Image segmentation by a genetic fuzzy c-means algorithm using color and spatial information," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 260–269.
- [Bazzoli and Tettamanzi(2004)] A. Bazzoli and A. G. B. Tettamanzi, "A memetic algorithm for protein structure prediction in a 3D-lattice HP model," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 1–10.
- [Berntsson and Tang(2004)] J. Berntsson and M. Tang, "A slicing structure representation for the multi-layer floorplan layout problem," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 188–197.
- [Blackwell and Young(2004)] T. Blackwell and M. Young, "Swarm granulator," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 399–408.
- [Blesa and Blum(2004)] M. Blesa and C. Blum, "Ant colony optimization for the maximum edge-disjoint paths problem," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 160–169.
- [Brabazon and O'Neill(2004)] A. Brabazon and M. O'Neill, "Bond-issuer credit rating with grammatical evolution," in *Applications of Evolutionary Computing, Evo Workshops 2004: Evo BIO, Evo COMNET, Evo HOT, Evo IASP, Evo MUSART, Evo STOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 270–279.
- [Brizuela et al.(2004)Brizuela, González, and Romero] C. A. Brizuela, L. C. González, and H. J. Romero, "An improved genetic algorithm for the sequencing by hybridization problem," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 11–20.
- [Comellas and Dalfó(2004)] F. Comellas and C. Dalfó, "Using genetic programming to design broadcasting algorithms for manhattan street networks," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART*,

- EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 170–177.
- [Cooper et al.(2004)Cooper, Howard, and Tyrrell] C. Cooper, D. Howard, and A. M. Tyrrell, "Using gas to create a waveguide model of the oral vocal tract," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 280–288.
- [Cotta et al.(2004)Cotta, Sloper, and Moscato] C. Cotta, C. Sloper, and P. Moscato, "Evolutionary search of thresholds for robust feature set selection: Application to the analysis of microarray data," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 21–30.
- [Dehlinger(2004)] H. E. Dehlinger, "Generative art: Fuzzy polygon clipping in program generated line oriented drawings," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 419–426.
- [Dorin(2004)] A. Dorin, "The virtual ecosystem as generative electronic art," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 467–476.
- [Drechsler et al.(2004)Drechsler, Hilgemeier, Fey, and Drechsler] N. Drechsler, M. Hilgemeier, G. Fey, and R. Drechsler, "Disjoint sum of product minimization by evolutionary algorithms," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 198–207.
- [Duarte et al.(2004)Duarte, Sánchez, Fernández, Montemayor, and Pantrigo] A. Duarte, A. Sánchez, F. Fernández, A. S. Montemayor, and J. J. Pantrigo, "Top-down evolutionary image segmentation using a hierarchical social metaheuristic," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 301–311.
- [Dunn and Olague(2004)] E. Dunn and G. Olague, "Multi-objective sensor planning for efficient and accurate object reconstruction," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 312–321.
- [Fleury et al.(2004)Fleury, Lacomme, and Prins] G. Fleury, P. Lacomme, and C. Prins, "Evolutionary algorithms for stochastic arc routing problems," in *Applications of Evolutionary Computing*, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 501–512.

- [Fühner et al.(2004)Fühner, Erdmann, Farkas, Tollkühn, and Kókai] T. Fühner, A. Erdmann, R. Farkas, B. Tollkühn, and G. Kókai, "Genetic algorithms to improve mask and illumination geometries in lithographic imaging systems," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 208–218.
- [Granato de Araújo et al.(2004)Granato de Araújo, Carneiro de Mesquita Filho, and de Castro Pinto Pedroza] S. Granato de Araújo, A. Carneiro de Mesquita Filho, and A. de Castro Pinto Pedroza, "A scenario-based approach to protocol design using evolutionary techniques," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 178–187.
- [Greenfield(2004)] G. Greenfield, "Tilings of sequences of co-evolved images," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 427–436.
- [Heddad et al.(2004)Heddad, Brameier, and MacCallum] A. Heddad, M. Brameier, and R. MacCallum, "Evolving regular expression-based sequence classifiers for protein nuclear localisation," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 31–40.
- [Janson and Middendorf(2004)] S. Janson and M. Middendorf, "A hierarchical particle swarm optimizer for dynamic optimization problems," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 513–524.
- [Jedidi et al.(2004)Jedidi, Caminada, and Finke] A. Jedidi, A. Caminada, and G. Finke, "2-objective optimization of cells overlap and geometry with evolutionary algorithms," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 130–139.
- [Jin and Sendhoff(2004)] Y. Jin and B. Sendhoff, "Constructing dynamic optimization test problems using the multi-objective optimization concept," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 525–536.
- [Jong et al.(2004)Jong, Marchiori, and van der Vaart] K. Jong, E. Marchiori, and A. van der Vaart, "Analysis of proteomic pattern data for cancer detection," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 41–51.
- [Kim and Kim(2004)] S.-M. Kim and W. Kim, "An algorithm for segmenting gaseous objects on images," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET*,

- EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 322–328.
- [Lewis(2004)] M. Lewis, "Aesthetic video filter evolution in an interactive real-time framework," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 409–418.
- [Livramento et al.(2004)Livramento, Moura, Miyazawa, Harada, and Miranda] S. Livramento, A. V. Moura, F. K. Miyazawa, M. M. Harada, and R. A. Miranda, "A genetic algorithm for telecommunication network design," in *Applications of Evolutionary Computing*, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 140–149.
- [Machado et al.(2004)Machado, Romero, Santos, Cardoso, and Manaris] P. Machado, J. Romero, M. L. Santos, A. Cardoso, and B. Manaris, "Adaptive critics for evolutionary artists," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 437–446.
- [Macias et al.(2004)Macias, Vial, and Barchiesi] D. Macias, A. Vial, and D. Barchiesi, "Evolution strategies approach for the solution of an inverse problem in near-field optics," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 329–338.
- [Maravall et al.(2004)Maravall, de Lope, and Patricio] D. Maravall, J. de Lope, and M. A. Patricio, "Competitive goal coordination in automatic parking," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 537–548.
- [Matsumaru et al.(2004)Matsumaru, Centler, Zauner, and Dittrich] N. Matsumaru, F. Centler, K.-P. Zauner, and P. Dittrich, "Self-adaptive scouting—autonomous experimentation for systems biology," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 52–62.
- [McCormack(2004)] J. McCormack, "Aesthetic evolution of l-systems revisited," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 477–488.
- [Moore and Hahn(2004)] J. Moore and L. Hahn, "An improved grammatical evolution strategy for hierarchical petri net modeling of complex genetic systems," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 63-72.

- [Myodo and Tanaka(2004)] E. Myodo and K. Tanaka, "A watermark sharing scheme to high quality halftone images with genetic algorithms," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 339–348.
- [Nam et al.(2004)Nam, Joung, Ahn, and Zhang] J.-W. Nam, J.-G. Joung, Y.-S. Ahn, and B.-T. Zhang, "Two-step genetic programming for optimization of RNA common-structure," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 73–83.
- [Nemirovsky and Luger-Guillaume(2004)] P. Nemirovsky and R. Luger-Guillaume, "Improvisational media space :: Architecture and strategies for evolution," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 457–466.
- [Raidl et al.(2004)Raidl, Cagnoni, Branke, Corne, Drechsler, Jin, Johnson, Machado, Marchiori, Rothlauf, Smith, and Sq. G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004.
- [Rivero et al.(2004)Rivero, nal, Dorado, and Pazos] D. Rivero, J. R. R. nal, J. Dorado, and A. Pazos, "Using genetic programming for character discrimination in damaged documents," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 349–358.
- [Rocha et al.(2004)Rocha, Neves, Rocha, and Ferreira] M. Rocha, J. Neves, I. Rocha, and E. Ferreira, "Evolutionary algorithms for optimal control in fed-batch fermentation processes," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 84–93.
- [Sanchez et al.(2004)Sanchez, Squillero, and Violante] E. Sanchez, G. Squillero, and M. Violante, "Exploiting hw acceleration for classifying complex test program generation problems," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 230–239.
- [Sekanina(2004)] L. Sekanina, "Evolutionary design space exploration for median circuits," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 240–249.
- [Shen and Heckendorn(2004)] J. Shen and R. Heckendorn, "Discrete branch length representations for genetic algorithms in phylogenetic search," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 94–103.

- [shi Cui and qi Sun(2004)] J. shi Cui and Z. qi Sun, "Vision-based hand motion capture using genetic algorithm," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 289–300.
- [Shin et al.(2004)Shin, Ki, Maik, Kang, Jung, and Paik] J. Shin, H. Ki, V. Maik, J. Kang, J. Jung, and J. Paik, "Evolutionary algorithm-based local structure modeling for improved active shape model," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 359–368.
- [Solteiro Pires et al.(2004)Solteiro Pires, de Moura Oliveira, and Tenreiro Machado] E. J. Solteiro Pires, P. B. de Moura Oliveira, and J. A. Tenreiro Machado, "Multi-objective genetic manipulator trajectory planner," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 219–229.
- [Spieth et al.(2004)Spieth, Streichert, Speer, and Zell] C. Spieth, F. Streichert, N. Speer, and A. Zell, "Iteratively inferring gene regulatory networks with virtual knockout experiments," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 104–112.
- [Svangård and Nordin(2004)] N. Svangård and P. Nordin, "Automated aesthetic selection of evolutionary art by distance based classification of genomes and phenomes using the universal similarity metric," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 447–456.
- [Talay and Oktug(2004)] A. C. Talay and S. Oktug, "A ga/heuristic hybrid technique for routing and wavelength assignment in wdm networks," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 150–159.
- [Thomsen and Boomsma(2004)] R. Thomsen and W. Boomsma, "Multiple sequence alignment using SAGA: Investigating the effects of operator scheduling, population seeding, and crossover operators," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 113–122.
- [Vaccaro and Guest (2004)] J. Vaccaro and C. Guest, "Evolutionary bayesian network dynamic planner for game RISK," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 549–560.

- [Vandecasteele et al.(2004) Vandecasteele, Hess, and Crawford] F. P. J. Vandecasteele, T. F. Hess, and R. L. Crawford, "Constructing microbial consortia with minimal growth using a genetic algorithm," in *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 123–129.
- [Zhang and Bhowan(2004)] M. Zhang and U. Bhowan, "Program size and pixel statistics in genetic programming for object detection," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 379–388.
- [Zhang and Smart(2004)] M. Zhang and W. Smart, "Multiclass object classification using genetic programming," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 369-378.
- [Zhang et al.(2004)Zhang, Smith, and Tyrrell] Y. Zhang, S. L. Smith, and A. M. Tyrrell, "Intrinsic evolvable hardware in digital filter design," in Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, ser. LNCS, G. R. Raidl, S. Cagnoni, J. Branke, D. W. Corne, R. Drechsler, Y. Jin, C. Johnson, P. Machado, E. Marchiori, F. Rothlauf, G. D. Smith, and G. Squillero, Eds., vol. 3005. Coimbra, Portugal: Springer Verlag, 5-7 April 2004, pp. 389–398.