

Список литературы

- [Ball 04a] L. Ballerini, L. Bocchi, and C. B. Johansson. “Image Segmentation by a Genetic Fuzzy c-Means Algorithm using Color and Spatial Information”. In: 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*, pp. 260–269, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Ball 04b] L. Ballerini and L. Franzén. “Genetic Optimization of Morphological Filters with Applications in Breast Cancer Detection”. In: 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*, pp. 250–259, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Bazz 04] A. Bazzoli and A. G. B. Tettamanzi. “A Memetic Algorithm for Protein Structure Prediction in a 3D-Lattice HP Model”. In: 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*, pp. 1–10, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Bern 04] J. Berntsson and M. Tang. “A Slicing Structure Representation for the Multi-Layer Floorplan Layout Problem”. In: 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*, pp. 188–197, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Blac 04] T. Blackwell and M. Young. “Swarm Granulator”. In: 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*, pp. 399–408, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Bles 04] M. Blesa and C. Blum. “Ant Colony Optimization for the Maximum Edge-Disjoint Paths Problem”. In: 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*, pp. 160–169, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Brab 04] A. Brabazon and M. O’Neill. “Bond-Issuer Credit Rating with Grammatical Evolution”. In: 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*, pp. 270–279, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Briz 04] C. A. Brizuela, L. C. González, and H. J. Romero. “An Improved Genetic Algorithm for the Sequencing by Hybridization Problem”. In: 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*, pp. 11–20, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.

- [Come 04] F. Comellas and C. Dalfó. “Using Genetic Programming to Design Broadcasting Algorithms for Manhattan Street Networks”. In: 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*, pp. 170–177, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Coop 04] C. Cooper, D. Howard, and A. M. Tyrrell. “Using GAs to Create a Waveguide Model of the Oral Vocal Tract”. In: 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*, pp. 280–288, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Cott 04] C. Cotta, C. Sloper, and P. Moscato. “Evolutionary Search of Thresholds for Robust Feature Set Selection: Application to the Analysis of Microarray Data”. In: 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*, pp. 21–30, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Cui 04] J. shi Cui and Z. qi Sun. “Vision-Based Hand Motion Capture Using Genetic Algorithm”. In: 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*, pp. 289–300, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Dehl 04] H. E. Dehlinger. “Generative Art: Fuzzy Polygon Clipping in Program Generated Line Oriented Drawings”. In: 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*, pp. 419–426, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Dori 04] A. Dorin. “The Virtual Ecosystem As Generative Electronic Art”. In: 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*, pp. 467–476, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Drec 04] N. Drechsler, M. Hilgemeier, G. Fey, and R. Drechsler. “Disjoint Sum of Product Minimization by Evolutionary Algorithms”. In: 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*, pp. 198–207, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Duar 04] A. Duarte, A. Sánchez, F. Fernández, A. S. Montemayor, and J. J. Pantrigo. “Top-Down Evolutionary Image Segmentation using a Hierarchical Social Metaheuristic”. In: 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*, pp. 301–311, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.

- [Dunn 04] E. Dunn and G. Olague. “Multi-objective Sensor Planning for Efficient and Accurate Object Reconstruction”. In: 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*, pp. 312–321, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Fleu 04] G. Fleury, P. Lacomme, and C. Prins. “Evolutionary Algorithms for Stochastic Arc Routing Problems”. In: 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*, pp. 501–512, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Fuhn 04] T. Fühner, A. Erdmann, R. Farkas, B. Tollkühn, and G. Kókai. “Genetic Algorithms to Improve Mask and Illumination Geometries in Lithographic Imaging Systems”. In: 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*, pp. 208–218, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Gran 04] 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: 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*, pp. 178–187, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Gree 04] G. Greenfield. “Tilings of Sequences of Co-evolved Images”. In: 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*, pp. 427–436, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Hedd 04] A. Heddad, M. Brameier, and R. MacCallum. “Evolving Regular Expression-based Sequence Classifiers for Protein Nuclear Localisation”. In: 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*, pp. 31–40, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Jans 04] S. Janson and M. Middendorf. “A Hierarchical Particle Swarm Optimizer for Dynamic Optimization Problems”. In: 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*, pp. 513–524, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Jedi 04] A. Jedidi, A. Caminada, and G. Finke. “2-Objective Optimization of Cells Overlap and Geometry with Evolutionary Algorithms”. In: 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*, pp. 130–139, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.

- [Jin 04] Y. Jin and B. Sendhoff. “Constructing Dynamic Optimization Test Problems Using the Multi-Objective Optimization Concept”. In: 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*, pp. 525–536, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Jong 04] K. Jong, E. Marchiori, and A. van der Vaart. “Analysis of Proteomic Pattern Data for Cancer Detection”. In: 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*, pp. 41–51, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Kim 04] S.-M. Kim and W. Kim. “An Algorithm for Segmenting Gaseous Objects on Images”. In: 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*, pp. 322–328, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Lewi 04] M. Lewis. “Aesthetic Video Filter Evolution in an Interactive Real-time Framework”. In: 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*, pp. 409–418, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Livr 04] S. Livramento, A. V. Moura, F. K. Miyazawa, M. M. Harada, and R. A. Miranda. “A Genetic Algorithm for Telecommunication Network Design”. In: 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*, pp. 140–149, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Mach 04] P. Machado, J. Romero, M. L. Santos, A. Cardoso, and B. Manaris. “Adaptive Critics for Evolutionary Artists”. In: 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*, pp. 437–446, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Maci 04] D. Macias, A. Vial, and D. Barchiesi. “Evolution Strategies Approach for the Solution of an Inverse Problem in Near-Field Optics”. In: 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*, pp. 329–338, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Mara 04] D. Maravall, J. de Lope, and M. A. Patricio. “Competitive Goal Coordination in Automatic Parking”. In: 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*, pp. 537–548, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Mats 04] N. Matsumaru, F. Centler, K.-P. Zauner, and P. Dittrich. “Self-adaptive Scouting—Autonomous Experimentation for Systems Biology”. In: 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*, pp. 52–62, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [McCo 04] J. McCormack. “Aesthetic Evolution of L-systems Revisited”. In: 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*, pp. 477–488, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Moor 04] J. Moore and L. Hahn. “An Improved Grammatical Evolution Strategy for Hierarchical Petri Net Modeling of Complex Genetic Systems”. In: 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*, pp. 63–72, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Myod 04] E. Myodo and K. Tanaka. “A Watermark Sharing Scheme to High Quality Halftone Images with Genetic Algorithms”. In: 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*, pp. 339–348, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Nam 04] J.-W. Nam, J.-G. Joung, Y.-S. Ahn, and B.-T. Zhang. “Two-Step Genetic Programming for Optimization of RNA Common-Structure”. In: 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*, pp. 73–83, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Nemi 04] P. Nemirovsky and R. Luger-Guillaume. “Improvisational Media Space :: Architecture and Strategies for Evolution”. In: 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*, pp. 457–466, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Raid 04] 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*, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Rive 04] D. Rivero, J. R. R. nal, J. Dorado, and A. Pazos. “Using Genetic Programming for Character Discrimination in Damaged Documents”. In: 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*, pp. 349–358, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Roch 04] M. Rocha, J. Neves, I. Rocha, and E. Ferreira. “Evolutionary Algorithms for Optimal Control in Fed-batch Fermentation Processes”. In: 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*, pp. 84–93, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Sanc 04] E. Sanchez, G. Squillero, and M. Violante. “Exploiting HW Acceleration for Classifying Complex Test Program Generation Problems”. In: 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*, pp. 230–239, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Seka 04] L. Sekanina. “Evolutionary Design Space Exploration for Median Circuits”. In: 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*, pp. 240–249, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Shen 04] J. Shen and R. Heckendorn. “Discrete Branch Length Representations for Genetic Algorithms in Phylogenetic Search”. In: 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*, pp. 94–103, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Shin 04] 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: 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*, pp. 359–368, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Solt 04] E. J. Solteiro Pires, P. B. de Moura Oliveira, and J. A. Tenreiro Machado. “Multi-Objective Genetic Manipulator Trajectory Planner”. In: 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*, pp. 219–229, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Spie 04] C. Spieth, F. Streichert, N. Speer, and A. Zell. “Iteratively Inferring Gene Regulatory Networks with Virtual Knockout Experiments”. In: 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*, pp. 104–112, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Svan 04] N. Svängård and P. Nordin. “Automated Aesthetic Selection of Evolutionary Art by Distance Based Classification of Genomes and Phenomes using the Universal Similarity Metric”. In: 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*, pp. 447–456, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.

- [Tala 04] A. C. Talay and S. Oktug. “A GA/Heuristic Hybrid Technique for Routing and Wavelength Assignment in WDM Networks”. In: 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*, pp. 150–159, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Thom 04] R. Thomsen and W. Boomsma. “Multiple Sequence Alignment Using SAGA: Investigating the Effects of Operator Scheduling, Population Seeding, and Crossover Operators”. In: 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*, pp. 113–122, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Vacc 04] J. Vaccaro and C. Guest. “Evolutionary Bayesian Network Dynamic Planner for Game RISK”. In: 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*, pp. 549–560, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Vand 04] F. P. J. Vandecasteele, T. F. Hess, and R. L. Crawford. “Constructing Microbial Consortia with Minimal Growth Using a Genetic Algorithm”. In: 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*, pp. 123–129, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Zhan 04a] M. Zhang and U. Bhowan. “Program Size and Pixel Statistics in Genetic Programming for Object Detection”. In: 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*, pp. 379–388, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Zhan 04b] M. Zhang and W. Smart. “Multiclass Object Classification Using Genetic Programming”. In: 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*, pp. 369–378, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.
- [Zhan 04c] Y. Zhang, S. L. Smith, and A. M. Tyrrell. “Intrinsic Evolvable Hardware in Digital Filter Design”. In: 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*, pp. 389–398, Springer Verlag, Coimbra, Portugal, 5-7 April 2004.