

Список литературы

- [1] Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.). 2004 *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*. Coimbra, Portugal: Springer Verlag.
- [2] Bazzoli A, Tettamanzi AGB. 2004 A memetic algorithm for protein structure prediction in a 3D-lattice HP model. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 1–10. Coimbra, Portugal: Springer Verlag.
- [3] Brizuela CA, González LC, Romero HJ. 2004 An improved genetic algorithm for the sequencing by hybridization problem. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 11–20. Coimbra, Portugal: Springer Verlag.
- [4] Cotta C, Sloper C, Moscato P. 2004 Evolutionary search of thresholds for robust feature set selection: Application to the analysis of microarray data. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 21–30. Coimbra, Portugal: Springer Verlag.
- [5] Heddad A, Brameier M, MacCallum R. 2004 Evolving regular expression-based sequence classifiers for protein nuclear localisation. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 31–40. Coimbra, Portugal: Springer Verlag.
- [6] Jong K, Marchiori E, van der Vaart A. 2004 Analysis of proteomic pattern data for cancer detection. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 41–51. Coimbra, Portugal: Springer Verlag.
- [7] Matsumaru N, Centler F, Zauner KP, Dittrich P. 2004 Self-adaptive scouting—autonomous experimentation for systems biology. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 52–62. Coimbra, Portugal: Springer Verlag.
- [8] Moore J, Hahn L. 2004 An improved grammatical evolution strategy for hierarchical petri net modeling of complex genetic systems. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 63–72. Coimbra, Portugal: Springer Verlag.
- [9] Nam JW, Joung JG, Ahn YS, Zhang BT. 2004 Two-step genetic programming for optimization of RNA common-structure. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 73–83. Coimbra, Portugal: Springer Verlag.
- [10] Rocha M, Neves J, Rocha I, Ferreira E. 2004 Evolutionary algorithms for optimal control in fed-batch fermentation processes. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 84–93. Coimbra, Portugal: Springer Verlag.

- [11] Shen J, Heckendorn R. 2004 Discrete branch length representations for genetic algorithms in phylogenetic search. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 94–103. Coimbra, Portugal: Springer Verlag.
- [12] Spieth C, Streichert F, Speer N, Zell A. 2004 Iteratively inferring gene regulatory networks with virtual knockout experiments. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 104–112. Coimbra, Portugal: Springer Verlag.
- [13] Thomsen R, Boomsma W. 2004 Multiple sequence alignment using SAGA: Investigating the effects of operator scheduling, population seeding, and crossover operators. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 113–122. Coimbra, Portugal: Springer Verlag.
- [14] Vandecasteele FPJ, Hess TF, Crawford RL. 2004 Constructing microbial consortia with minimal growth using a genetic algorithm. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 123–129. Coimbra, Portugal: Springer Verlag.
- [15] Jedidi A, Caminada A, Finke G. 2004 2-objective optimization of cells overlap and geometry with evolutionary algorithms. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 130–139. Coimbra, Portugal: Springer Verlag.
- [16] Livramento S, Moura AV, Miyazawa FK, Harada MM, Miranda RA. 2004 A genetic algorithm for telecommunication network design. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 140–149. Coimbra, Portugal: Springer Verlag.
- [17] Talay AC, Oktug S. 2004 A ga/heuristic hybrid technique for routing and wavelength assignment in wdm networks. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 150–159. Coimbra, Portugal: Springer Verlag.
- [18] Blesa M, Blum C. 2004 Ant colony optimization for the maximum edge-disjoint paths problem. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 160–169. Coimbra, Portugal: Springer Verlag.
- [19] Comellas F, Dalfó C. 2004 Using genetic programming to design broadcasting algorithms for manhattan street networks. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 170–177. Coimbra, Portugal: Springer Verlag.
- [20] Granato de Araújo S, Carneiro de Mesquita Filho A, de Castro Pinto Pedroza A. 2004 A scenario-based approach to protocol design using evolutionary techniques. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 178–187. Coimbra, Portugal: Springer Verlag.

- [21] Berntsson J, Tang M. 2004 A slicing structure representation for the multi-layer floorplan layout problem. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 188–197. Coimbra, Portugal: Springer Verlag.
- [22] Drechsler N, Hilgemeier M, Fey G, Drechsler R. 2004 Disjoint sum of product minimization by evolutionary algorithms. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 198–207. Coimbra, Portugal: Springer Verlag.
- [23] Fühner T, Erdmann A, Farkas R, Tollkühn B, Kókai G. 2004 Genetic algorithms to improve mask and illumination geometries in lithographic imaging systems. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 208–218. Coimbra, Portugal: Springer Verlag.
- [24] Solteiro Pires EJ, de Moura Oliveira PB, Tenreiro Machado JA. 2004 Multi-objective genetic manipulator trajectory planner. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 219–229. Coimbra, Portugal: Springer Verlag.
- [25] Sanchez E, Squillero G, Violante M. 2004 Exploiting hw acceleration for classifying complex test program generation problems. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 230–239. Coimbra, Portugal: Springer Verlag.
- [26] Sekanina L. 2004 Evolutionary design space exploration for median circuits. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 240–249. Coimbra, Portugal: Springer Verlag.
- [27] Ballerini L, Franzén L. 2004 Genetic optimization of morphological filters with applications in breast cancer detection. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 250–259. Coimbra, Portugal: Springer Verlag.
- [28] Ballerini L, Bocchi L, Johansson CB. 2004 Image segmentation by a genetic fuzzy c-means algorithm using color and spatial information. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 260–269. Coimbra, Portugal: Springer Verlag.
- [29] Brabazon A, O'Neill M. 2004 Bond-issuer credit rating with grammatical evolution. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 270–279. Coimbra, Portugal: Springer Verlag.
- [30] Cooper C, Howard D, Tyrrell AM. 2004 Using gas to create a waveguide model of the oral vocal tract. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 280–288. Coimbra, Portugal: Springer Verlag.

- [31] shi Cui J, qi Sun Z. 2004 Vision-based hand motion capture using genetic algorithm. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 289–300. Coimbra, Portugal: Springer Verlag.
- [32] Duarte A, Sánchez A, Fernández F, Montemayor AS, Pantrigo JJ. 2004 Top-down evolutionary image segmentation using a hierarchical social metaheuristic. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 301–311. Coimbra, Portugal: Springer Verlag.
- [33] Dunn E, Olague G. 2004 Multi-objective sensor planning for efficient and accurate object reconstruction. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 312–321. Coimbra, Portugal: Springer Verlag.
- [34] Kim SM, Kim W. 2004 An algorithm for segmenting gaseous objects on images. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 322–328. Coimbra, Portugal: Springer Verlag.
- [35] Macias D, Vial A, Barchiesi D. 2004 Evolution strategies approach for the solution of an inverse problem in near-field optics. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 329–338. Coimbra, Portugal: Springer Verlag.
- [36] Myodo E, Tanaka K. 2004 A watermark sharing scheme to high quality halftone images with genetic algorithms. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 339–348. Coimbra, Portugal: Springer Verlag.
- [37] Rivero D, nal JRR, Dorado J, Pazos A. 2004 Using genetic programming for character discrimination in damaged documents. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 349–358. Coimbra, Portugal: Springer Verlag.
- [38] Shin J, Ki H, Maik V, Kang J, Jung J, Paik J. 2004 Evolutionary algorithm-based local structure modeling for improved active shape model. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 359–368. Coimbra, Portugal: Springer Verlag.
- [39] Zhang M, Smart W. 2004 Multiclass object classification using genetic programming. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 369–378. Coimbra, Portugal: Springer Verlag.
- [40] Zhang M, Bhowan U. 2004 Program size and pixel statistics in genetic programming for object detection. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 379–388. Coimbra, Portugal: Springer Verlag.

- [41] Zhang Y, Smith SL, Tyrrell AM. 2004 Intrinsic evolvable hardware in digital filter design. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 389–398. Coimbra, Portugal: Springer Verlag.
- [42] Blackwell T, Young M. 2004 Swarm granulator. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 399–408. Coimbra, Portugal: Springer Verlag.
- [43] Lewis M. 2004 Aesthetic video filter evolution in an interactive real-time framework. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 409–418. Coimbra, Portugal: Springer Verlag.
- [44] Dehlinger HE. 2004 Generative art: Fuzzy polygon clipping in program generated line oriented drawings. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 419–426. Coimbra, Portugal: Springer Verlag.
- [45] Greenfield G. 2004 Tilings of sequences of co-evolved images. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 427–436. Coimbra, Portugal: Springer Verlag.
- [46] Machado P, Romero J, Santos ML, Cardoso A, Manaris B. 2004 Adaptive critics for evolutionary artists. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 437–446. Coimbra, Portugal: Springer Verlag.
- [47] Svängård N, Nordin P. 2004 Automated aesthetic selection of evolutionary art by distance based classification of genomes and phenomes using the universal similarity metric. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 447–456. Coimbra, Portugal: Springer Verlag.
- [48] Nemirovsky P, Luger-Guillaume R. 2004 Improvisational media space :: Architecture and strategies for evolution. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 457–466. Coimbra, Portugal: Springer Verlag.
- [49] Dorin A. 2004 The virtual ecosystem as generative electronic art. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 467–476. Coimbra, Portugal: Springer Verlag.
- [50] McCormack J. 2004 Aesthetic evolution of l-systems revisited. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 477–488. Coimbra, Portugal: Springer Verlag.

- [51] Fleury G, Lacomme P, Prins C. 2004 Evolutionary algorithms for stochastic arc routing problems. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 501–512. Coimbra, Portugal: Springer Verlag.
- [52] Janson S, Middendorf M. 2004 A hierarchical particle swarm optimizer for dynamic optimization problems. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 513–524. Coimbra, Portugal: Springer Verlag.
- [53] Jin Y, Sendhoff B. 2004 Constructing dynamic optimization test problems using the multi-objective optimization concept. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 525–536. Coimbra, Portugal: Springer Verlag.
- [54] Maravall D, de Lope J, Patricio MA. 2004 Competitive goal coordination in automatic parking. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 537–548. Coimbra, Portugal: Springer Verlag.
- [55] Vaccaro J, Guest C. 2004 Evolutionary bayesian network dynamic planner for game RISK. In: Raidl GR, Cagnoni S, Branke J, Corne DW, Drechsler R, Jin Y, Johnson C, Machado P, Marchiori E, Rothlauf F, *et al.* (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, vol. 3005 of *LNCS*, pp. 549–560. Coimbra, Portugal: Springer Verlag.