

Список литературы

- [1] Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.) Applications of Evolutionary Computing, *EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC* Vol. 3005 of LNCS, Coimbra, Portugal (5-7 April, 2004) Springer Verlag.
- [2] Bazzoli, A. and Tettamanzi, A. G. B. (5-7 April, 2004) A Memetic Algorithm for Protein Structure Prediction in a 3D-Lattice HP Model. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 1–10.
- [3] Brizuela, C. A., González, L. C., and Romero, H. J. (5-7 April, 2004) An Improved Genetic Algorithm for the Sequencing by Hybridization Problem. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 11–20.
- [4] Cotta, C., Sloper, C., and Moscato, P. (5-7 April, 2004) Evolutionary Search of Thresholds for Robust Feature Set Selection: Application to the Analysis of Microarray Data. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 21–30.
- [5] Heddad, A., Brameier, M., and MacCallum, R. (5-7 April, 2004) Evolving Regular Expression-based Sequence Classifiers for Protein Nuclear Localisation. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 31–40.
- [6] Jong, K., Marchiori, E., and van der Vaart, A. (5-7 April, 2004) Analysis of Proteomic Pattern Data for Cancer Detection. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 41–51.
- [7] Matsumaru, N., Centler, F., Zauner, K.-P., and Dittrich, P. (5-7 April, 2004) Self-adaptive Scouting—Autonomous Experimentation for Systems Biology. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 52–62.
- [8] Moore, J. and Hahn, L. (5-7 April, 2004) An Improved Grammatical Evolution Strategy for Hierarchical Petri Net Modeling of Complex Genetic Systems. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 63–72.
- [9] Nam, J.-W., Joung, J.-G., Ahn, Y.-S., and Zhang, B.-T. (5-7 April, 2004) Two-Step Genetic Programming for Optimization of RNA Common-Structure. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing,*

- EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 73–83.
- [10] Rocha, M., Neves, J., Rocha, I., and Ferreira, E. (5-7 April, 2004) Evolutionary Algorithms for Optimal Control in Fed-batch Fermentation Processes. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 84–93.
 - [11] Shen, J. and Heckendorn, R. (5-7 April, 2004) Discrete Branch Length Representations for Genetic Algorithms in Phylogenetic Search. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 94–103.
 - [12] Spieth, C., Streichert, F., Speer, N., and Zell, A. (5-7 April, 2004) Iteratively Inferring Gene Regulatory Networks with Virtual Knockout Experiments. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 104–112.
 - [13] Thomsen, R. and Boomsma, W. (5-7 April, 2004) Multiple Sequence Alignment Using SAGA: Investigating the Effects of Operator Scheduling, Population Seeding, and Crossover Operators. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 113–122.
 - [14] Vandecasteele, F. P. J., Hess, T. F., and Crawford, R. L. (5-7 April, 2004) Constructing Microbial Consortia with Minimal Growth Using a Genetic Algorithm. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 123–129.
 - [15] Jedidi, A., Caminada, A., and Finke, G. (5-7 April, 2004) 2-Objective Optimization of Cells Overlap and Geometry with Evolutionary Algorithms. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 130–139.
 - [16] Livramento, S., Moura, A. V., Miyazawa, F. K., Harada, M. M., and Miranda, R. A. (5-7 April, 2004) A Genetic Algorithm for Telecommunication Network Design. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 140–149.
 - [17] Talay, A. C. and Oktug, S. (5-7 April, 2004) A GA/Heuristic Hybrid Technique for Routing and Wavelength Assignment in WDM Networks. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 150–159.

- [18] Blesa, M. and Blum, C. (5-7 April, 2004) Ant Colony Optimization for the Maximum Edge-Disjoint Paths Problem. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 160–169.
- [19] Comellas, F. and Dalfó, C. (5-7 April, 2004) Using Genetic Programming to Design Broadcasting Algorithms for Manhattan Street Networks. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 170–177.
- [20] Granato de Araújo, S., Carneiro de Mesquita Filho, A., and de Castro Pinto Pedroza, A. (5-7 April, 2004) A Scenario-Based Approach to Protocol Design Using Evolutionary Techniques. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 178–187.
- [21] Berntsson, J. and Tang, M. (5-7 April, 2004) A Slicing Structure Representation for the Multi-Layer Floorplan Layout Problem. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 188–197.
- [22] Drechsler, N., Hilgemeier, M., Fey, G., and Drechsler, R. (5-7 April, 2004) Disjoint Sum of Product Minimization by Evolutionary Algorithms. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 198–207.
- [23] Fühner, T., Erdmann, A., Farkas, R., Tollkühn, B., and Kókai, G. (5-7 April, 2004) Genetic Algorithms to Improve Mask and Illumination Geometries in Lithographic Imaging Systems. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 208–218.
- [24] Solteiro Pires, E. J., de Moura Oliveira, P. B., and Tenreiro Machado, J. A. (5-7 April, 2004) Multi-Objective Genetic Manipulator Trajectory Planner. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 219–229.
- [25] Sanchez, E., Squillero, G., and Violante, M. (5-7 April, 2004) Exploiting HW Acceleration for Classifying Complex Test Program Generation Problems. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 230–239.
- [26] Sekanina, L. (5-7 April, 2004) Evolutionary Design Space Exploration for Median Circuits. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications*

- of *Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 240–249.
- [27] Ballerini, L. and Franzén, L. (5-7 April, 2004) Genetic Optimization of Morphological Filters with Applications in Breast Cancer Detection. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 250–259.
 - [28] Ballerini, L., Bocchi, L., and Johansson, C. B. (5-7 April, 2004) Image Segmentation by a Genetic Fuzzy c-Means Algorithm using Color and Spatial Information. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 260–269.
 - [29] Brabazon, A. and O'Neill, M. (5-7 April, 2004) Bond-Issuer Credit Rating with Grammatical Evolution. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 270–279.
 - [30] Cooper, C., Howard, D., and Tyrrell, A. M. (5-7 April, 2004) Using GAs to Create a Waveguide Model of the Oral Vocal Tract. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 280–288.
 - [31] shi Cui, J. and qi Sun, Z. (5-7 April, 2004) Vision-Based Hand Motion Capture Using Genetic Algorithm. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 289–300.
 - [32] Duarte, A., Sánchez, A., Fernández, F., Montemayor, A. S., and Pantrigo, J. J. (5-7 April, 2004) Top-Down Evolutionary Image Segmentation using a Hierarchical Social Metaheuristic. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 301–311.
 - [33] Dunn, E. and Olague, G. (5-7 April, 2004) Multi-objective Sensor Planning for Efficient and Accurate Object Reconstruction. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 312–321.
 - [34] Kim, S.-M. and Kim, W. (5-7 April, 2004) An Algorithm for Segmenting Gaseous Objects on Images. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 322–328.
 - [35] Macias, D., Vial, A., and Barchiesi, D. (5-7 April, 2004) Evolution Strategies Approach for the Solution of an Inverse Problem in Near-Field Optics. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004:*

- EvoBIO*, *EvoCOMNET*, *EvoHOT*, *EvoIASP*, *EvoMUSART*, *EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 329–338.
- [36] Myodo, E. and Tanaka, K. (5-7 April, 2004) A Watermark Sharing Scheme to High Quality Halftone Images with Genetic Algorithms. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 339–348.
 - [37] Rivero, D., nal, J. R. R., Dorado, J., and Pazos, A. (5-7 April, 2004) Using Genetic Programming for Character Discrimination in Damaged Documents. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 349–358.
 - [38] Shin, J., Ki, H., Maik, V., Kang, J., Jung, J., and Paik, J. (5-7 April, 2004) Evolutionary Algorithm-Based Local Structure Modeling for Improved Active Shape Model. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 359–368.
 - [39] Zhang, M. and Smart, W. (5-7 April, 2004) Multiclass Object Classification Using Genetic Programming. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 369–378.
 - [40] Zhang, M. and Bhowan, U. (5-7 April, 2004) Program Size and Pixel Statistics in Genetic Programming for Object Detection. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 379–388.
 - [41] Zhang, Y., Smith, S. L., and Tyrrell, A. M. (5-7 April, 2004) Intrinsic Evolvable Hardware in Digital Filter Design. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 389–398.
 - [42] Blackwell, T. and Young, M. (5-7 April, 2004) Swarm Granulator. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 399–408.
 - [43] Lewis, M. (5-7 April, 2004) Aesthetic Video Filter Evolution in an Interactive Real-time Framework. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 409–418.
 - [44] Dehlinger, H. E. (5-7 April, 2004) Generative Art: Fuzzy Polygon Clipping in Program Generated Line Oriented Drawings. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.),

Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 419–426.

- [45] Greenfield, G. (5-7 April, 2004) Tilings of Sequences of Co-evolved Images. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 427–436.
- [46] Machado, P., Romero, J., Santos, M. L., Cardoso, A., and Manaris, B. (5-7 April, 2004) Adaptive Critics for Evolutionary Artists. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 437–446.
- [47] Svängård, N. and Nordin, P. (5-7 April, 2004) Automated Aesthetic Selection of Evolutionary Art by Distance Based Classification of Genomes and Phenomes using the Universal Similarity Metric. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 447–456.
- [48] Nemirovsky, P. and Luger-Guillaume, R. (5-7 April, 2004) Improvisational Media Space :: Architecture and Strategies for Evolution. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 457–466.
- [49] Dorin, A. (5-7 April, 2004) The Virtual Ecosystem As Generative Electronic Art. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 467–476.
- [50] McCormack, J. (5-7 April, 2004) Aesthetic Evolution of L-systems Revisited. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 477–488.
- [51] Fleury, G., Lacomme, P., and Prins, C. (5-7 April, 2004) Evolutionary Algorithms for Stochastic Arc Routing Problems. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 501–512.
- [52] Janson, S. and Middendorf, M. (5-7 April, 2004) A Hierarchical Particle Swarm Optimizer for Dynamic Optimization Problems. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 513–524.
- [53] Jin, Y. and Sendhoff, B. (5-7 April, 2004) Constructing Dynamic Optimization Test Problems Using the Multi-Objective Optimization Concept. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith,

- G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 525–536.
- [54] Maravall, D., de Lope, J., and Patricio, M. A. (5-7 April, 2004) Competitive Goal Coordination in Automatic Parking. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 537–548.
- [55] Vaccaro, J. and Guest, C. (5-7 April, 2004) Evolutionary Bayesian Network Dynamic Planner for Game RISK. In Raidl, G. R., Cagnoni, S., Branke, J., Corne, D. W., Drechsler, R., Jin, Y., Johnson, C., Machado, P., Marchiori, E., Rothlauf, F., Smith, G. D., and Squillero, G., (eds.), *Applications of Evolutionary Computing, EvoWorkshops2004: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Coimbra, Portugal: Springer Verlag Vol. 3005 of LNCS, pp. 549–560.