

Список литературы

- [1] Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. Available from: <http://www.springerlink.com/openurl.asp?genre=issue&iissn=0302-9743&volume=3907>.
- [2] Bakir B, Sezerman OU. Functional Classification of G-Protein Coupled Receptors, Based on Their Specific Ligand Coupling Patterns. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 1-12.
- [3] Bolshakova N, Azuaje F, Cunningham P. Incorporating biological domain knowledge into cluster validity assessment. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 13-22.
- [4] Danyi K, Kókai G, Csontos J. A novel Mathematical Model for the Optimization of DNA-Chip Design and its Implementation. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 23-33.
- [5] Huerta EB, Duval B, Hao JK. A Hybrid GA/SVM Approach for Gene Selection and Classification of Microarray Data. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 34-44.
- [6] Kim KY, Cho DY, Zhang BT. Multi-Stage Evolutionary Algorithms for Efficient Identification of Gene Regulatory Networks. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 45-56.
- [7] Kim S, Zhang BT. Human Papillomavirus Risk Type Classification from Protein Sequences Using Support Vector Machines. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 57-66.
- [8] Mahata P, Costa W, Cotta C, Moscato P. Hierarchical Clustering, Languages and Cancer. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 67-78.
- [9] Marchiori E, Jimenez CR, West-Nielsen M, Heegaard NHH. Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 79-90.
- [10] Meyer PE, Bontempi G. On the Use of Variable Complementarity for Feature Selection in Cancer Classification. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 91-102.

- [11] Motsinger AA, Dudek SM, Hahn LW, Ritchie MD. Comparison of Neural Network Optimization Approaches for Studies of Human Genetics. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 103-14.
- [12] Palacios P, Pelta D, Blanco A. Obtaining Biclusters in Microarrays with Population-based Heuristics. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 115-26.
- [13] Porto AHL, Barbosa VC. Multiple Sequence Alignment Based on Set Covers. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 127-37.
- [14] Porto AHL, Barbosa VC. A Methodology for Determining Amino-Acid Substitution Matrices from Set Covers. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 138-48.
- [15] Rajapakse M, Schmidt B, Brusic V. Multi-Objective Evolutionary Algorithm for Discovering Peptide Binding Motifs. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 149-58.
- [16] Romero-Zaliz R, Rubio-Escudero C, Cordón O, Harari O, del Val C, Zwir I. Mining Structural Databases: An Evolutionary Multi-Objective Conceptual Clustering Methodology. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 159-71.
- [17] Rubio-Escudero C, Romero-Zaliz R, Cordon O, Harari O, del Val C, Zwir I. Optimal Selection of Microarray Analysis Methods using a Conceptual Clustering Algorithm. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 172-83.
- [18] Shin SY, Lee IH, Zhang BT. Microarray Probe Design using ϵ -Multi-Objective Evolutionary Algorithms with Thermodynamic Criteria. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 184-95.
- [19] Stojanovic N. An Algorithm for the Automated Verification of DNA Supercontig Assemblies. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 196-207.
- [20] Stout M, Bacardit J, Hirst JD, Krasnogor N, Blazewicz J. From HP Lattice Models to Real Proteins: coordination number prediction using Learning Classifier Systems. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 208-20.

- [21] Tran D, Pham T, Satou K, Ho T. Conditional Random Fields for Predicting and Analyzing Histone Occupancy, Acetylation and Methylation Areas in DNA Sequences. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 221-30.
- [22] Wetcharaporn W, Chaiyaratana N, Tongshima S. DNA Fragment Assembly: An Ant Colony System Approach. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 231-42.
- [23] Wedde HF, Timm C, Farooq M. BeeHiveGuard: A Step Towards Secure Nature Inspired Routing Algorithms. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 243-54.
- [24] Luna F, Nebro AJ, Dorronsoro B, Alba E, Bouvry P, Hogue L. Optimal Broadcasting in Metropolitan MANETs Using Multiobjective Scatter Search. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 255-66.
- [25] Ohlídal M, Jaroš J, Schwarz J, Dvořák V. Evolutionary Design of OAB and AAB Communication Schedules for Interconnection Networks. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 267-78.
- [26] Comellas F, Sapena E. A multiagent algorithm for graph partitioning. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 279-85.
- [27] Chen CM, Jeng BC, Yang CR, Lai GH. Tracing Denial of Service Origin: Ant Colony Approach. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 286-95.
- [28] Kinane A, Muresan V, O'Connor N. Optimisation of Constant Matrix Multiplication Operation Hardware Using a Genetic Algorithm. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 296-307.
- [29] Kühne U, Drechsler N. Finding Compact BDDs Using Genetic Programming. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 308-19. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=308>.
- [30] Logofatu D, Drechsler R. Efficient Evolutionary Approaches for the Data Ordering Problem with Inversion. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 320-31.

- [31] Terry MA, Marcus J, Farrell M, Aggarwal V, O'Reilly UM. GRACE: Generative Robust Analog Circuit Exploration. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 332-43.
- [32] Sekanina L, Vašíček Z. On the Practical Limits of the Evolutionary Digital Filter Design at the Gate Level. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 344-55.
- [33] Bocchi L, Ballerini L. Image Space Colonization Algorithm. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 356-67.
- [34] Wetcharaporn W, Chaiyaratana N, Huvanandana S. Enhancement of an Automatic Fingerprint Identification System Using a Genetic Algorithm and Genetic Programming. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 368-79. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=368>.
- [35] Cho UK, Hong JH, Cho SB. Evolutionary Singularity Filter Bank Optimization for Fingerprint Image Enhancement. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 380-90.
- [36] Cordella LP, De Stefano C, Fontanella F, Marcelli A. Evolutionary Generation of Prototypes for a Learning Vector Quantization Classifier. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 391-402.
- [37] De Falco I, Cioppa AD, Tarantino E. Automatic Classification of Handsegmented Image Parts with Differential Evolution. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 403-14.
- [38] Li R, Emmerich M, Bovenkamp EGP, Eggermont J, Bäck T, Dijkstra J, et al. Mixed-Integer Evolution Strategies and their Application to Intravascular Ultrasound Image Analysis. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 415-26.
- [39] Olague G, Puente C. The Honeybee Search Algorithm for Three-dimensional Reconstruction. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 427-37.
- [40] Óscar Pérez, Ángel Patricio M, García J, Molina JM. Improving the Segmentation Stage of a Pedestrian Tracking Video-based System by means of Evolution Strategies. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 438-49.

- [41] Tianzhu W, Wenhui L, Yi W, Zihou G, Dongfeng H. An Adaptive Stochastic Collision Detection between Deformable Objects using Particle Swarm Optimization. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 450-9.
- [42] Xie H, Zhang M, Andreae P. Genetic Programming for Automatic Stress Detection in Spoken English. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 460-71. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=460>.
- [43] Zhang M, Lett M. Localisation Fitness in GP for Object Detection. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 472-83. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=472>.
- [44] Zhang X, Lu B, Gou S, Jiao L. Immune Multiobjective Optimization Algorithm for Unsupervised Feature Selection. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 484-94.
- [45] Archetti F, Messina E, Toscani D, Vanneschi L. Classifying and Counting Vehicles in Traffic Control Applications. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 495-9.
- [46] Azzini A, Tettamanzi AGB. A Neural Evolutionary Classification Method for Brain-Wave Analysis. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 500-4.
- [47] Besson P, Vesin JM, Popovici V, Kunt M. Differential Evolution applied to a multimodal information theoretic optimization problem. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 505-9.
- [48] Cheran SC, Gargano G. Artificial Life Models in Lung CTs. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 510-4.
- [49] Krawiec K. Learning High-Level Visual Concepts using Attributed Primitives and Genetic Programming. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 515-9. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=515>.
- [50] Legrand P, Lutton E, Olague G. Evolutionary denoising based on an estimation of Hölder exponents with oscillations. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 520-4.

- [51] Shen S, Chen W. Probability Evolutionary Algorithm Based Human Body Tracking. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 525-9.
- [52] Breukelaar R, Emmerich M, Bäck T. On Interactive Evolution Strategies. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 530-41.
- [53] Sáez Y, Isasi P, Segovia J, Mochón A. An experimental comparative study for Interactive Evolutionary Computation problems. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 542-53.
- [54] Hong CF, Yang HF, Wang LH, Lin MH, Yang PW, Lin GS. Creating Chance by New Interactive Evolutionary Computation: Bipartite Graph Based Interactive Genetic Algorithm. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 554-64.
- [55] Hsu FC, Hung MH. Practically Applying Interactive Genetic Algorithms to Customers' Designs on a Customizable C2C Framework: Entrusting Select Operations to IGA Users. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 575-85.
- [56] Brintrup AM, Takagi H, Ramsden J. Evaluation of Sequential, Multi-objective, and Parallel Interactive Genetic Algorithms for Multi-objective Floor Plan Optimisation. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 586-98.
- [57] Collomosse JP. Supervised genetic search for parameter selection in painterly rendering. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 599-610.
- [58] Greenfield G. Robot Paintings Evolved using Simulated Robots. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 611-21.
- [59] Urbano P. Consensual paintings. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 622-32.
- [60] Basa T, Go CA, Yoo KS, Lee WH. Using Physiological Signals to Evolve Art. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 633-41.
- [61] Campolongo G, Vena S. Science of Networks and Music: A New Approach on Musical Analysis and Creation. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 642-51.

- [62] Bown O, Lexer S. Continuous-Time Recurrent Neural Networks for Generative and Interactive Musical Performance. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 652-63.
- [63] Gounaropoulos A, Johnson CG. Synthesising timbres and timbre-changes from adjectives/adverbs. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 664-75.
- [64] Hazan A, Ramirez R, Maestre E, Perez A, Pertusa A. Modelling Expressive Performance: a Regression Tree Approach Based on Strongly Typed Genetic Programming. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 676-87. Available from: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=676>.
- [65] Magnus C. Evolutionary Musique Concrète. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 688-95.
- [66] Martins JM, Miranda ER. A Connectionist Architecture for the Evolution of Rhythms. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 696-706.
- [67] Henriques NAC, Correia N, Manzolli J, Correia L, Chambel T. MovieGene: Evolutionary Video Production based on Genetic Algorithms and Cinematic Properties. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 707-11.
- [68] Hochreiter R. Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 712-6.
- [69] Khalifa Y, Foster R. A Two-Stage Autonomous Evolutionary Music Composer. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 717-21.
- [70] Santarosa R, Moroni A, Manzolli J. Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 722-6.
- [71] Basseur M, Zitzler E. A Preliminary Study On Handling Uncertainty in Indicator-Based Multiobjective Optimization. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 727-39.

- [72] Sastry K, Winward P, Goldberg DE, Lima C. Fluctuating Crosstalk as a Source of Deterministic Noise and its Effects on GA Scalability. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 740-51.
- [73] Schmidt C, Branke J, Chick SE. Integrating Techniques from Statistical Ranking into Evolutionary Algorithms. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 752-63.
- [74] Branke J, Orbayı M, Şima Uyar. The Role of Representations in Dynamic Knapsack Problems. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 764-75.
- [75] Rand W, Riolo R. The Effect of Building Block Construction on the Behavior of the GA in Dynamic Environments: A Case Study Using the Shaky Ladder Hyperplane-Defined Functions. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 776-87.
- [76] Yang S. Associative Memory Scheme for Genetic Algorithms in Dynamic Environments. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 788-99.
- [77] Kobliha M, Schwarz J, Očenášek J. Bayesian Optimization Algorithms for Dynamic Problems. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 800-4.
- [78] Neri F, Cascella GL, Salvatore N, Kononova AV, Acciani G. Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives. In: Rothlauf F, Branke J, Cagnoni S, Costa E, Cotta C, Drechsler R, et al., editors. Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC. vol. 3907 of LNCS. Budapest: Springer Verlag; 2006. p. 805-10.