Список литературы

- [1] F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, editors, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, volume 3907 of LNCS, Budapest, 10-12 April 2006, Springer Verlag.
- [2] B. Bakir and O. U. Sezerman, Functional Classification of G-Protein Coupled Receptors, Based on Their Specific Ligand Coupling Patterns, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 1–12, Budapest, 10-12 April 2006, Springer Verlag.
- [3] N. Bolshakova, F. Azuaje, and P. Cunningham, Incorporating biological domain knowledge into cluster validity assessment, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 13–22, Budapest, 10-12 April 2006, Springer Verlag.
- [4] K. Danyi, G. Kókai, and J. Csontos, A novel Mathematical Model for the Optimization of DNA-Chip Design and its Implementation, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 23–33, Budapest, 10-12 April 2006, Springer Verlag.
- [5] E. B. Huerta, B. Duval, and J.-K. Hao, A Hybrid GA/SVM Approach for Gene Selection and Classification of Microarray Data, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 34–44, Budapest, 10-12 April 2006, Springer Verlag.
- [6] K.-Y. Kim, D.-Y. Cho, and B.-T. Zhang, Multi-Stage Evolutionary Algorithms for Efficient Identification of Gene Regulatory Networks, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 45–56, Budapest, 10-12 April 2006, Springer Verlag.
- [7] S. Kim and B.-T. Zhang, Human Papillomavirus Risk Type Classification from Protein Sequences Using Support Vector Machines, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 57–66, Budapest, 10-12 April 2006, Springer Verlag.
- [8] P. Mahata, W. Costa, C. Cotta, and P. Moscato, Hierarchical Clustering, Languages and Cancer, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 67–78, Budapest, 10-12 April 2006, Springer Verlag.
- [9] E. Marchiori, C. R. Jimenez, M. West-Nielsen, and N. H. H. Heegaard, Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta,

- R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 79–90, Budapest, 10-12 April 2006, Springer Verlag.
- [10] P. E. Meyer and G. Bontempi, On the Use of Variable Complementarity for Feature Selection in Cancer Classification, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 91–102, Budapest, 10-12 April 2006, Springer Verlag.
- [11] A. A. Motsinger, S. M. Dudek, L. W. Hahn, and M. D. Ritchie, Comparison of Neural Network Optimization Approaches for Studies of Human Genetics, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 103–114, Budapest, 10-12 April 2006, Springer Verlag.
- [12] P. Palacios, D. Pelta, and A. Blanco, Obtaining Biclusters in Microarrays with Population-based Heuristics, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 115–126, Budapest, 10-12 April 2006, Springer Verlag.
- [13] A. H. L. Porto and V. C. Barbosa, Multiple Sequence Alignment Based on Set Covers, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 127–137, Budapest, 10-12 April 2006, Springer Verlag.
- [14] A. H. L. Porto and V. C. Barbosa, A Methodology for Determining Amino-Acid Substitution Matrices from Set Covers, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 138–148, Budapest, 10-12 April 2006, Springer Verlag.
- [15] M. Rajapakse, B. Schmidt, and V. Brusic, Multi-Objective Evolutionary Algorithm for Discovering Peptide Binding Motifs, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 149–158, Budapest, 10-12 April 2006, Springer Verlag.
- [16] R. Romero-Zaliz, C. Rubio-Escudero, O. Cordón, O. Harari, C. del Val, and I. Zwir, Mining Structural Databases: An Evolutionary Multi-Objective Conceptual Clustering Methodology, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 159–171, Budapest, 10-12 April 2006, Springer Verlag.
- [17] C. Rubio-Escudero, R. Romero-Zaliz, O. Cordon, O. Harari, C. del Val, and I. Zwir, Optimal Selection of Microarray Analysis Methods using a Conceptual Clustering Algorithm, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 172–183, Budapest, 10-12 April 2006, Springer Verlag.

- [18] S.-Y. Shin, I.-H. Lee, and B.-T. Zhang, Microarray Probe Design using ε-Multi-Objective Evolutionary Algorithms with Thermodynamic Criteria, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 184–195, Budapest, 10-12 April 2006, Springer Verlag.
- [19] N. Stojanovic, An Algorithm for the Automated Verification of DNA Supercontig Assemblies, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 196–207, Budapest, 10-12 April 2006, Springer Verlag.
- [20] M. Stout, J. Bacardit, J. D. Hirst, N. Krasnogor, and J. Blazewicz, From HP Lattice Models to Real Proteins: coordination number prediction using Learning Classifier Systems, in *Applications* of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 208–220, Budapest, 10-12 April 2006, Springer Verlag.
- [21] D. Tran, T. Pham, K. Satou, and T. Ho, Conditional Random Fields for Predicting and Analyzing Histone Occupancy, Acetylation and Methylation Areas in DNA Sequences, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 221–230, Budapest, 10-12 April 2006, Springer Verlag.
- [22] W. Wetcharaporn, N. Chaiyaratana, and S. Tongsima, DNA Fragment Assembly: An Ant Colony System Approach, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 231–242, Budapest, 10-12 April 2006, Springer Verlag.
- [23] H. F. Wedde, C. Timm, and M. Farooq, BeeHiveGuard: A Step Towards Secure Nature Inspired Routing Algorithms, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 243–254, Budapest, 10-12 April 2006, Springer Verlag.
- [24] F. Luna, A. J. Nebro, B. Dorronsoro, E. Alba, P. Bouvry, and L. Hogie, Optimal Broadcasting in Metropolitan MANETs Using Multiobjective Scatter Search, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 255–266, Budapest, 10-12 April 2006, Springer Verlag.
- [25] M. Ohlídal, J. Jaroš, J. Schwarz, and V. Dvořák, Evolutionary Design of OAB and AAB Communication Schedules for Interconnection Networks, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 267–278, Budapest, 10-12 April 2006, Springer Verlag.
- [26] F. Comellas and E. Sapena, A multiagent algorithm for graph partitioning, in *Applications* of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa,

- C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 279–285, Budapest, 10-12 April 2006, Springer Verlag.
- [27] C.-M. Chen, B. C. Jeng, C. R. Yang, and G. H. Lai, Tracing Denial of Service Origin: Ant Colony Approach, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 286–295, Budapest, 10-12 April 2006, Springer Verlag.
- [28] A. Kinane, V. Muresan, and N. O'Connor, Optimisation of Constant Matrix Multiplication Operation Hardware Using a Genetic Algorithm, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 296–307, Budapest, 10-12 April 2006, Springer Verlag.
- [29] U. Kühne and N. Drechsler, Finding Compact BDDs Using Genetic Programming, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 308-319, Budapest, 10-12 April 2006, Springer Verlag.
- [30] D. Logofatu and R. Drechsler, Efficient Evolutionary Approaches for the Data Ordering Problem with Inversion, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 320–331, Budapest, 10-12 April 2006, Springer Verlag.
- [31] M. A. Terry, J. Marcus, M. Farrell, V. Aggarwal, and U.-M. O'Reilly, GRACE: Generative Robust Analog Circuit Exploration, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 332–343, Budapest, 10-12 April 2006, Springer Verlag.
- [32] L. Sekanina and Z. Vašíček, On the Practical Limits of the Evolutionary Digital Filter Design at the Gate Level, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 344–355, Budapest, 10-12 April 2006, Springer Verlag.
- [33] L. Bocchi and L. Ballerini, Image Space Colonization Algorithm, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 356–367, Budapest, 10-12 April 2006, Springer Verlag.
- [34] W. Wetcharaporn, N. Chaiyaratana, and S. Huvanandana, Enhancement of an Automatic Fingerprint Identification System Using a Genetic Algorithm and Genetic Programming, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 368–379, Budapest, 10-12 April 2006, Springer Verlag.
- [35] U.-K. Cho, J.-H. Hong, and S.-B. Cho, Evolutionary Singularity Filter Bank Optimization for Fingerprint Image Enhancement, in *Applications of Evolutionary Computing*, Evo Workshops 2006:

- EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 380–390, Budapest, 10-12 April 2006, Springer Verlag.
- [36] L. P. Cordella, C. De Stefano, F. Fontanella, and A. Marcelli, Evolutionary Generation of Prototypes for a Learning Vector Quantization Classfier, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 391–402, Budapest, 10-12 April 2006, Springer Verlag.
- [37] I. De Falco, A. D. Cioppa, and E. Tarantino, Automatic Classification of Handsegmented Image Parts with Differential Evolution, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 403–414, Budapest, 10-12 April 2006, Springer Verlag.
- [38] R. Li, M. Emmerich, E. G. P. Bovenkamp, J. Eggermont, T. Bäck, J. Dijkstra, and J. H. C. Reiber, Mixed-Integer Evolution Strategies and their Application to Intravascular Ultrasound Image Analysis, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 415–426, Budapest, 10-12 April 2006, Springer Verlag.
- [39] G. Olague and C. Puente, The Honeybee Search Algorithm for Three-dimensional Reconstruction, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 427–437, Budapest, 10-12 April 2006, Springer Verlag.
- [40] Óscar Pérez, M. Ángel Patricio, J. García, and J. M. Molina, Improving the Segmentation Stage of a Pedestrian Tracking Video-based System by means of Evolution Strategies, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 438–449, Budapest, 10-12 April 2006, Springer Verlag.
- [41] W. Tianzhu, L. Wenhui, W. Yi, G. Zihou, and H. Dongfeng, An Adaptive Stochastic Collision Detection between Deformable Objects using Particle Swarm Optimization, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 450–459, Budapest, 10-12 April 2006, Springer Verlag.
- [42] H. Xie, M. Zhang, and P. Andreae, Genetic Programming for Automatic Stress Detection in Spoken English, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 460–471, Budapest, 10-12 April 2006, Springer Verlag.
- [43] M. Zhang and M. Lett, Localisation Fitness in GP for Object Detection, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 472–483, Budapest, 10-12 April 2006, Springer Verlag.

- [44] X. Zhang, B. Lu, S. Gou, and L. Jiao, Immune Multiobjective Optimization Algorithm for Unsupervised Feature Selection, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 484–494, Budapest, 10-12 April 2006, Springer Verlag.
- [45] F. Archetti, E. Messina, D. Toscani, and L. Vanneschi, Classifying and Counting Vehicles in Traffic Control Applications, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 495–499, Budapest, 10-12 April 2006, Springer Verlag.
- [46] A. Azzini and A. G. B. Tettamanzi, A Neural Evolutionary Classification Method for Brain-Wave Analysis, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 500–504, Budapest, 10-12 April 2006, Springer Verlag.
- [47] P. Besson, J.-M. Vesin, V. Popovici, and M. Kunt, Differential Evolution applied to a multimodal information theoretic optimization problem, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 505–509, Budapest, 10-12 April 2006, Springer Verlag.
- [48] S. C. Cheran and G. Gargano, Artificial Life Models in Lung CTs, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 510-514, Budapest, 10-12 April 2006, Springer Verlag.
- [49] K. Krawiec, Learning High-Level Visual Concepts using Attributed Primitives and Genetic Programming, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 515–519, Budapest, 10-12 April 2006, Springer Verlag.
- [50] P. Legrand, E. Lutton, and G. Olague, Evolutionary denoising based on an estimation of Hölder exponents with oscillations, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 520–524, Budapest, 10-12 April 2006, Springer Verlag.
- [51] S. Shen and W. Chen, Probability Evolutionary Algorithm Based Human Body Tracking, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 525–529, Budapest, 10-12 April 2006, Springer Verlag.
- [52] R. Breukelaar, M. Emmerich, and T. Bäck, On Interactive Evolution Strategies, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 530–541, Budapest, 10-12 April 2006, Springer Verlag.

- [53] Y. Sáez, P. Isasi, J. Segovia, and A. Mochón, An experimental comparative study for Interactive Evolutionary Computation problems, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 542–553, Budapest, 10-12 April 2006, Springer Verlag.
- [54] C.-F. Hong, H.-F. Yang, L.-H. Wang, M.-H. Lin, P.-W. Yang, and G.-S. Lin, Creating Chance by New Interactive Evolutionary Computation: Bipartite Graph Based Interactive Genetic Algorithm, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 554–564, Budapest, 10-12 April 2006, Springer Verlag.
- [55] F.-C. Hsu and M.-H. Hung, Practically Applying Interactive Genetic Algorithms to Customers' Designs on a Customizable C2C Framework: Entrusting Select Operations to IGA Users, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 575–585, Budapest, 10-12 April 2006, Springer Verlag.
- [56] A. M. Brintrup, H. Takagi, and J. Ramsden, Evaluation of Sequential, Multi-objective, and Parallel Interactive Genetic Algorithms for Multi-objective Floor Plan Optimisation, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 586–598, Budapest, 10-12 April 2006, Springer Verlag.
- [57] J. P. Collomosse, Supervised genetic search for parameter selection in painterly rendering, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 599-610, Budapest, 10-12 April 2006, Springer Verlag.
- [58] G. Greenfield, Robot Paintings Evolved using Simulated Robots, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 611–621, Budapest, 10-12 April 2006, Springer Verlag.
- [59] P. Urbano, Consensual paintings, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 622–632, Budapest, 10-12 April 2006, Springer Verlag.
- [60] T. Basa, C. A. Go, K.-S. Yoo, and W.-H. Lee, Using Physiological Signals to Evolve Art, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 633–641, Budapest, 10-12 April 2006, Springer Verlag.
- [61] G. Campolongo and S. Vena, Science of Networks and Music: A New Approach on Musical Analysis and Creation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited

- by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of *LNCS*, pages 642–651, Budapest, 10-12 April 2006, Springer Verlag.
- [62] O. Bown and S. Lexer, Continuous-Time Recurrent Neural Networks for Generative and Interactive Musical Performance, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 652–663, Budapest, 10-12 April 2006, Springer Verlag.
- [63] A. Gounaropoulos and C. G. Johnson, Synthesising timbres and timbre-changes from adjectives/adverbs, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 664–675, Budapest, 10-12 April 2006, Springer Verlag.
- [64] A. Hazan, R. Ramirez, E. Maestre, A. Perez, and A. Pertusa, Modelling Expressive Performance: a Regression Tree Approach Based on Strongly Typed Genetic Programming, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 676–687, Budapest, 10-12 April 2006, Springer Verlag.
- [65] C. Magnus, Evolutionary Musique Concrète, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 688–695, Budapest, 10-12 April 2006, Springer Verlag.
- [66] J. M. Martins and E. R. Miranda, A Connectionist Architecture for the Evolution of Rhythms, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 696-706, Budapest, 10-12 April 2006, Springer Verlag.
- [67] N. A. C. Henriques, N. Correia, J. Manzolli, L. Correia, and T. Chambel, MovieGene: Evolutionary Video Production based on Genetic Algorithms and Cinematic Properties, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 707–711, Budapest, 10-12 April 2006, Springer Verlag.
- [68] R. Hochreiter, Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation, in *Applications of Evolutionary Computing*, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 712–716, Budapest, 10-12 April 2006, Springer Verlag.
- [69] Y. Khalifa and R. Foster, A Two-Stage Autonomous Evolutionary Music Composer, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 717–721, Budapest, 10-12 April 2006, Springer Verlag.

- [70] R. Santarosa, A. Moroni, and J. Manzolli, Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 722–726, Budapest, 10-12 April 2006, Springer Verlag.
- [71] M. Basseur and E. Zitzler, A Preliminary Study On Handling Uncertainty in Indicator-Based Multiobjective Optimization, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 727–739, Budapest, 10-12 April 2006, Springer Verlag.
- [72] K. Sastry, P. Winward, D. E. Goldberg, and C. Lima, Fluctuating Crosstalk as a Source of Deterministic Noise and its Effects on GA Scalability, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 740–751, Budapest, 10-12 April 2006, Springer Verlag.
- [73] C. Schmidt, J. Branke, and S. E. Chick, Integrating Techniques from Statistical Ranking into Evolutionary Algorithms, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 752–763, Budapest, 10-12 April 2006, Springer Verlag.
- [74] J. Branke, M. Orbayi, and Şima Uyar, The Role of Representations in Dynamic Knapsack Problems, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 764–775, Budapest, 10-12 April 2006, Springer Verlag.
- [75] W. Rand and R. Riolo, 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 Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 776–787, Budapest, 10-12 April 2006, Springer Verlag.
- [76] S. Yang, Associative Memory Scheme for Genetic Algorithms in Dynamic Environments, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 788–799, Budapest, 10-12 April 2006, Springer Verlag.
- [77] M. Kobliha, J. Schwarz, and J. Očenášek, Bayesian Optimization Algorithms for Dynamic Problems, in Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 800–804, Budapest, 10-12 April 2006, Springer Verlag.
- [78] F. Neri, G. L. Cascella, N. Salvatore, A. V. Kononova, and G. Acciani, Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives, in *Applications of Evolutionary*

Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, edited by F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, and H. Takagi, volume 3907 of LNCS, pages 805–810, Budapest, 10-12 April 2006, Springer Verlag.