

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, eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*. Springer Verlag, Budapest, 10-12 april, 2006.
<http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=3907>.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 1–12. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 13–22. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 23–33. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 34–44. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 45–56. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 57–66. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 67–78. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 79–90. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 91–102. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 103–114. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 115–126. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 127–137. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 138–148. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 149–158. Springer Verlag, Budapest, 10-12 april, 2006.
 - [16] R. Romero-Zaliz, C. Rubio-Escudero, O. Cordon, 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*, 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, eds., vol. 3907 of *LNCS*, pp. 159–171. Springer Verlag, Budapest, 10-12 april, 2006.
 - [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*, 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, eds., vol. 3907 of *LNCS*, pp. 172–183. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 184–195. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 196–207. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 208–220. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 221–230. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 231–242. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 243–254. Springer Verlag, Budapest, 10-12 april, 2006.
- [24] F. Luna, A. J. Nebro, B. Dorronsoro, E. Alba, P. Bouvry, and L. Hogue, “Optimal Broadcasting in Metropolitan MANETs Using Multiobjective Scatter Search,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 255–266. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 267–278. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 279–285. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 286–295. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 296–307. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 308–319. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=308>.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 320–331. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 332–343. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 344–355. Springer Verlag, Budapest, 10-12 april, 2006.
- [33] L. Bocchi and L. Ballerini, “Image Space Colonization Algorithm,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 356–367. Springer Verlag, Budapest, 10-12 april, 2006.

- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 368–379. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=368>.
- [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, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 380–390. Springer Verlag, Budapest, 10-12 april, 2006.
- [36] L. P. Cordella, C. De Stefano, F. Fontanella, and A. Marcelli, "Evolutionary Generation of Prototypes for a Learning Vector Quantization Classifier," in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 391–402. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 403–414. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 415–426. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 427–437. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 438–449. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 450–459. Springer Verlag, Budapest, 10-12 april, 2006.

- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 460–471. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=460>.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 472–483. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=472>.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 484–494. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 495–499. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 500–504. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 505–509. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 510–514. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 515–519. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=515>.

- [50] P. Legrand, E. Lutton, and G. Ollague, “Evolutionary denoising based on an estimation of Hölder exponents with oscillations,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 520–524. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 525–529. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 530–541. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 542–553. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 554–564. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 575–585. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 586–598. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 599–610. Springer Verlag, Budapest, 10-12 april, 2006.

- [58] G. Greenfield, “Robot Paintings Evolved using Simulated Robots,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 611–621. Springer Verlag, Budapest, 10-12 april, 2006.
- [59] P. Urbano, “Consensual paintings,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 622–632. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 633–641. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 642–651. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 652–663. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 664–675. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 676–687. Springer Verlag, Budapest, 10-12 april, 2006. <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=676>.
- [65] C. Magnus, “Evolutionary Musique Concrète,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 688–695. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 696–706. Springer Verlag, Budapest, 10-12 april, 2006.
- [67] N. A. C. Henriques, N. Correia, J. Manzoli, 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*, 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, eds., vol. 3907 of *LNCS*, pp. 707–711. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 712–716. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 717–721. Springer Verlag, Budapest, 10-12 april, 2006.
- [70] R. Santarosa, A. Moroni, and J. Manzoli, “Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 722–726. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 727–739. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 740–751. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 752–763. Springer Verlag, Budapest, 10-12 april, 2006.
- [74] J. Branke, M. Orbayı, and Şima Uyar, “The Role of Representations in Dynamic Knapsack Problems,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, 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, eds., vol. 3907 of *LNCS*, pp. 764–775. Springer Verlag, Budapest, 10-12 april, 2006.

- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 776–787. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 788–799. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 800–804. Springer Verlag, Budapest, 10-12 april, 2006.
- [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*, 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, eds., vol. 3907 of *LNCS*, pp. 805–810. Springer Verlag, Budapest, 10-12 april, 2006.