

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. Hogie, “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&page=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&spage=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. Olague, “Evolutionary denoising based on an estimation of holder 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.