Список литературы

[1] Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds.: *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[2] Bakir, B. and Sezerman, O. U.: Functional Classification of G-Protein Coupled Receptors, Based on Their Specific Ligand Coupling Patterns. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 1–12. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[3] Bolshakova, N., Azuaje, F., and Cunningham, P.: Incorporating biological domain knowledge into cluster validity assessment. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 13–22. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[4] Danyi, K., Kókai, G., and Csontos, J.: A novel Mathematical Model for the Optimization of DNA-Chip Design and its Implementation. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 23–33. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[5] Huerta, E. B., Duval, B., and Hao, J.-K.: A Hybrid GA/SVM Approach for Gene Selection and Classification of Microarray Data. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 34–44. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[6] Kim, K.-Y., Cho, D.-Y., and Zhang, B.-T.: Multi-Stage Evolutionary Algorithms for Efficient Identification of Gene Regulatory Networks. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 45–56. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[7] Kim, S. and Zhang, B.-T.: Human Papillomavirus Risk Type Classification from Protein Sequences Using Support Vector Machines. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 57–66. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[8] Mahata, P., Costa, W., Cotta, C., and Moscato, P.: Hierarchical Clustering, Languages and Cancer. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 67–78. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[9] Marchiori, E., Jimenez, C. R., West-Nielsen, M., and Heegaard, N. H. H.: Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero,

J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 79–90. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[10] Meyer, P. E. and Bontempi, G.: On the Use of Variable Complementarity for Feature Selection in Cancer Classification. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 91–102. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[11] Motsinger, A. A., Dudek, S. M., Hahn, L. W., and Ritchie, M. D.: Comparison of Neural Network Optimization Approaches for Studies of Human Genetics. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 103–114. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[12] Palacios, P., Pelta, D., and Blanco, A.: Obtaining Biclusters in Microarrays with Population-based Heuristics. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 115–126. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[13] Porto, A. H. L. and Barbosa, V. C.: Multiple Sequence Alignment Based on Set Covers. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 127–137. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[14] Porto, A. H. L. and Barbosa, V. C.: A Methodology for Determining Amino-Acid Substitution Matrices from Set Covers. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 138–148. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[15] Rajapakse, M., Schmidt, B., and Brusic, V.: Multi-Objective Evolutionary Algorithm for Discovering Peptide Binding Motifs. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 149–158. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[16] Romero-Zaliz, R., Rubio-Escudero, C., Cordón, O., Harari, O., del Val, C., and Zwir, I.: Mining Structural Databases: An Evolutionary Multi-Objective Conceptual Clustering Methodology. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 159–171. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[17] Rubio-Escudero, C., Romero-Zaliz, R., Cordon, O., Harari, O., del Val, C., and Zwir, I.: Optimal Selection of Microarray Analysis Methods using a Conceptual Clustering Algorithm. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction,*

EvoMUSART, EvoSTOC, vol. 3907 of *LNCS*, 172–183. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[18] Shin, S.-Y., Lee, I.-H., and Zhang, B.-T.: Microarray Probe Design using ϵ-Multi-Objective Evolutionary Algorithms with Thermodynamic Criteria. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 184–195. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[19] Stojanovic, N.: An Algorithm for the Automated Verification of DNA Supercontig Assemblies. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 196–207. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[20] Stout, M., Bacardit, J., Hirst, J. D., Krasnogor, N., and Blazewicz, J.: From HP Lattice Models to Real Proteins: coordination number prediction using Learning Classifier Systems. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 208–220. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[21] Tran, D., Pham, T., Satou, K., and Ho, T.: Conditional Random Fields for Predicting and Analyzing Histone Occupancy, Acetylation and Methylation Areas in DNA Sequences. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 221–230. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[22] Wetcharaporn, W., Chaiyaratana, N., and Tongsima, S.: DNA Fragment Assembly: An Ant Colony System Approach. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 231–242. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[23] Wedde, H. F., Timm, C., and Farooq, M.: BeeHiveGuard: A Step Towards Secure Nature Inspired Routing Algorithms. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 243–254. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[24] Luna, F., Nebro, A. J., Dorronsoro, B., Alba, E., Bouvry, P., and Hogie, L.: Optimal Broadcasting in Metropolitan MANETs Using Multiobjective Scatter Search. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 255–266. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[25] Ohlídal, M., Jaroš, J., Schwarz, J., and Dvořák, V.: Evolutionary Design of OAB and AAB Communication Schedules for Interconnection Networks. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 267–278. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[26] Comellas, F. and Sapena, E.: A multiagent algorithm for graph partitioning. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 279–285. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[27] Chen, C.-M., Jeng, B. C., Yang, C. R., and Lai, G. H.: Tracing Denial of Service Origin: Ant Colony Approach. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 286–295. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[28] Kinane, A., Muresan, V., and O'Connor, N.: Optimisation of Constant Matrix Multiplication Operation Hardware Using a Genetic Algorithm. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 296–307. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[29] Kühne, U. and Drechsler, N.: Finding Compact BDDs Using Genetic Programming. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 308–319. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[30] Logofatu, D. and Drechsler, R.: Efficient Evolutionary Approaches for the Data Ordering Problem with Inversion. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 320–331. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[31] Terry, M. A., Marcus, J., Farrell, M., Aggarwal, V., and O'Reilly, U.-M.: GRACE: Generative Robust Analog Circuit Exploration. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 332–343. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[32] Sekanina, L. and Vašíček, Z.: On the Practical Limits of the Evolutionary Digital Filter Design at the Gate Level. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 344–355. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[33] Bocchi, L. and Ballerini, L.: Image Space Colonization Algorithm. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 356–367. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[34] Wetcharaporn, W., Chaiyaratana, N., and Huvanandana, S.: Enhancement of an Automatic Fingerprint Identification System Using a Genetic Algorithm and Genetic Programming. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications*

of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, vol. 3907 of *LNCS*, 368–379. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[35] Cho, U.-K., Hong, J.-H., and Cho, S.-B.: Evolutionary Singularity Filter Bank Optimization for Fingerprint Image Enhancement. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 380–390. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[36] Cordella, L. P., De Stefano, C., Fontanella, F., and Marcelli, A.: Evolutionary Generation of Prototypes for a Learning Vector Quantization Classfier. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 391–402. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[37] De Falco, I., Cioppa, A. D., and Tarantino, E.: Automatic Classification of Handsegmented Image Parts with Differential Evolution. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 403–414. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[38] Li, R., Emmerich, M., Bovenkamp, E. G. P., Eggermont, J., Bäck, T., Dijkstra, J., and Reiber, J. H. C.: Mixed-Integer Evolution Strategies and their Application to Intravascular Ultrasound Image Analysis. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 415–426. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[39] Olague, G. and Puente, C.: The Honeybee Search Algorithm for Three-dimensional Reconstruction. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 427–437. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[40] Óscar Pérez, Ángel Patricio, M., García, J., and Molina, J. M.: Improving the Segmentation Stage of a Pedestrian Tracking Video-based System by means of Evolution Strategies. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 438–449. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[41] Tianzhu, W., Wenhui, L., Yi, W., Zihou, G., and Dongfeng, H.: An Adaptive Stochastic Collision Detection between Deformable Objects using Particle Swarm Optimization. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 450–459. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[42] Xie, H., Zhang, M., and Andreae, P.: Genetic Programming for Automatic Stress Detection in Spoken English. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi,

H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 460–471. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[43] Zhang, M. and Lett, M.: Localisation Fitness in GP for Object Detection. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 472–483. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[44] Zhang, X., Lu, B., Gou, S., and Jiao, L.: Immune Multiobjective Optimization Algorithm for Unsupervised Feature Selection. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 484–494. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[45] Archetti, F., Messina, E., Toscani, D., and Vanneschi, L.: Classifying and Counting Vehicles in Traffic Control Applications. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 495–499. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[46] Azzini, A. and Tettamanzi, A. G. B.: A Neural Evolutionary Classification Method for Brain-Wave Analysis. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 500–504. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[47] Besson, P., Vesin, J.-M., Popovici, V., and Kunt, M.: Differential Evolution applied to a multimodal information theoretic optimization problem. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 505–509. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[48] Cheran, S. C. and Gargano, G.: Artificial Life Models in Lung CTs. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 510–514. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[49] Krawiec, K.: Learning High-Level Visual Concepts using Attributed Primitives and Genetic Programming. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 515–519. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[50] Legrand, P., Lutton, E., and Olague, G.: Evolutionary denoising based on an estimation of Hölder exponents with oscillations. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 520–524. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[51] Shen, S. and Chen, W.: Probability Evolutionary Algorithm Based Human Body Tracking. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 525–529. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[52] Breukelaar, R., Emmerich, M., and Bäck, T.: On Interactive Evolution Strategies. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 530–541. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[53] Sáez, Y., Isasi, P., Segovia, J., and Mochón, A.: An experimental comparative study for Interactive Evolutionary Computation problems. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 542–553. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[54] Hong, C.-F., Yang, H.-F., Wang, L.-H., Lin, M.-H., Yang, P.-W., and Lin, G.-S.: Creating Chance by New Interactive Evolutionary Computation: Bipartite Graph Based Interactive Genetic Algorithm. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 554–564. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[55] Hsu, F.-C. and Hung, M.-H.: Practically Applying Interactive Genetic Algorithms to Customers' Designs on a Customizable C2C Framework: Entrusting Select Operations to IGA Users. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 575–585. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[56] Brintrup, A. M., Takagi, H., and Ramsden, J.: Evaluation of Sequential, Multi-objective, and Parallel Interactive Genetic Algorithms for Multi-objective Floor Plan Optimisation. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 586–598. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[57] Collomosse, J. P.: Supervised genetic search for parameter selection in painterly rendering. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 599–610. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[58] Greenfield, G.: Robot Paintings Evolved using Simulated Robots. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 611–621. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[59] Urbano, P.: Consensual paintings. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero,

G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 622–632. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[60] Basa, T., Go, C. A., Yoo, K.-S., and Lee, W.-H.: Using Physiological Signals to Evolve Art. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 633–641. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[61] Campolongo, G. and Vena, S.: Science of Networks and Music: A New Approach on Musical Analysis and Creation. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 642–651. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[62] Bown, O. and Lexer, S.: Continuous-Time Recurrent Neural Networks for Generative and Interactive Musical Performance. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 652–663. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[63] Gounaropoulos, A. and Johnson, C. G.: Synthesising timbres and timbre-changes from adjectives/adverbs. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 664–675. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[64] Hazan, A., Ramirez, R., Maestre, E., Perez, A., and Pertusa, A.: Modelling Expressive Performance: a Regression Tree Approach Based on Strongly Typed Genetic Programming. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 676–687. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[65] Magnus, C.: Evolutionary Musique Concrète. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 688–695. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[66] Martins, J. M. and Miranda, E. R.: A Connectionist Architecture for the Evolution of Rhythms. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 696–706. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[67] Henriques, N. A. C., Correia, N., Manzolli, J., Correia, L., and Chambel, T.: MovieGene: Evolutionary Video Production based on Genetic Algorithms and Cinematic Properties. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 707–711. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[68] Hochreiter, R.: Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 712–716. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[69] Khalifa, Y. and Foster, R.: A Two-Stage Autonomous Evolutionary Music Composer. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 717–721. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[70] Santarosa, R., Moroni, A., and Manzolli, J.: Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 722–726. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[71] Basseur, M. and Zitzler, E.: A Preliminary Study On Handling Uncertainty in Indicator-Based Multiobjective Optimization. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 727–739. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[72] Sastry, K., Winward, P., Goldberg, D. E., and Lima, C.: Fluctuating Crosstalk as a Source of Deterministic Noise and its Effects on GA Scalability. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 740–751. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[73] Schmidt, C., Branke, J., and Chick, S. E.: Integrating Techniques from Statistical Ranking into Evolutionary Algorithms. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 752–763. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[74] Branke, J., Orbayı, M., and Şima Uyar: The Role of Representations in Dynamic Knapsack Problems. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 764–775. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[75] Rand, W. and Riolo, R.: The Effect of Building Block Construction on the Behavior of the GA in Dynamic Environments: A Case Study Using the Shaky Ladder Hyperplane-Defined Functions. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 776–787. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[76] Yang, S.: Associative Memory Scheme for Genetic Algorithms in Dynamic Environments. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado,

P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 788–799. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[77] Kobliha, M., Schwarz, J., and Očenášek, J.: Bayesian Optimization Algorithms for Dynamic Problems. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 800–804. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5

[78] Neri, F., Cascella, G. L., Salvatore, N., Kononova, A. V., and Acciani, G.: Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives. In Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., and Takagi, H., eds., *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*, 805–810. Springer Verlag, Budapest (2006). ISBN 3-540-33237-5