

## Список литературы

- [Rothlauf et al.(2006)] Rothlauf, Branke, Cagnoni, Costa, Cotta, Drechsler, Lutton, Machado, Moore, Romero, Smith, Squillero, 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*, ser. LNCS, vol. 3907. Budapest: Springer Verlag, 10-12 April 2006. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=3907>
- [Bakir and Sezerman(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 1–12.
- [Bolshakova et al.(2006)] Bolshakova, Azuaje, and Cunningham] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 13–22.
- [Danyi et al.(2006)] Danyi, Kókai, and Csontos] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 23–33.
- [Huerta et al.(2006)] Huerta, Duval, and Hao] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 34–44.
- [Kim et al.(2006)] Kim, Cho, and Zhang] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 45–56.
- [Kim and Zhang(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 57–66.
- [Mahata et al.(2006)] Mahata, Costa, Cotta, and Moscato] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 67–78.
- [Marchiori et al.(2006)Marchiori, Jimenez, West-Nielsen, and Heegaard] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 79–90.
- [Meyer and Bontempi(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 91–102.
- [Motsinger et al.(2006)Motsinger, Dudek, Hahn, and Ritchie] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 103–114.
- [Palacios et al.(2006)Palacios, Pelta, and Blanco] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 115–126.
- [Porto and Barbosa(2006a)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 127–137.
- [Porto and Barbosa(2006b)] —, “A methodology for determining amino-acid substitution matrices from set covers,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 138–148.
- [Rajapakse et al.(2006)Rajapakse, Schmidt, and Brusic] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 149–158.
- [Romero-Zaliz et al.(2006)Romero-Zaliz, Rubio-Escudero, Córdón, Harari, del Val, and Zwir] R. Romero-Zaliz, C. Rubio-Escudero, O. Córdón, 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 159–171.
- [Rubio-Escudero et al.(2006)Rubio-Escudero, Romero-Zaliz, Cordon, Harari, del Val, and Zwir] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 172–183.
- [Shin et al.(2006)Shin, Lee, and Zhang] S.-Y. Shin, I.-H. Lee, and B.-T. Zhang, “Microarray probe design using  $\epsilon$ -multi-objective evolutionary algorithms with thermodynamic criteria,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 184–195.
- [Stojanovic(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 196–207.
- [Stout et al.(2006)Stout, Bacardit, Hirst, Krasnogor, and Blazewicz] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 208–220.
- [Tran et al.(2006)Tran, Pham, Satou, and Ho] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 221–230.
- [Wetcharaporn et al.(2006a)Wetcharaporn, Chaiyaratana, and Tongsima] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 231–242.
- [Wedde et al.(2006)Wedde, Timm, and Farooq] H. F. Wedde, C. Timm, and M. Farooq, “Beehive-guard: A step towards secure nature inspired routing algorithms,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 243–254.
- [Luna et al.(2006)Luna, Nebro, Dorronsoro, Alba, Bouvry, and Hogie] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 255–266.
- [Ohlidal et al.(2006)Ohlidal, Jaroš, Schwarz, and Dvořák] M. Ohlidal, 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 267–278.
- [Comellas and Sapena(2006)] F. Comellas and E. Sapena, “A multiagent algorithm for graph partitioning,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 279–285.
- [Chen et al.(2006)Chen, Jeng, Yang, and Lai] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 286–295.
- [Kinane et al.(2006)Kinane, Muresan, and O’Connor] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 296–307.
- [Kühne and Drechsler(2006)] U. Kühne and N. Drechsler, “Finding compact BDDs using genetic programming,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 308–319. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=308>
- [Logofatu and Drechsler(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 320–331.
- [Terry et al.(2006)Terry, Marcus, Farrell, Aggarwal, and O’Reilly] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 332–343.
- [Sekanina and Vašíček(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 344–355.
- [Bocchi and Ballerini(2006)] L. Bocchi and L. Ballerini, “Image space colonization algorithm,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 356–367.
- [Wetcharaporn et al.(2006b)Wetcharaporn, Chaiyaratana, and Huvanandana] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 368–379. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=368>
- [Cho et al.(2006)Cho, Hong, and Cho] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 380–390.
- [Cordella et al.(2006)Cordella, De Stefano, Fontanella, and Marcelli] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 391–402.
- [De Falco et al.(2006)De Falco, Cioppa, and Tarantino] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 403–414.
- [Li et al.(2006)Li, Emmerich, Bovenkamp, Eggermont, Bäck, Dijkstra, and Reiber] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 415–426.
- [Olague and Puente(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 427–437.
- [Óscar Pérez et al.(2006)] Óscar Pérez, Ángel Patricio, García, and Molina] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 438–449.
- [Tianzhu et al.(2006)] Tianzhu, Wenhui, Yi, Zihou, and Dongfeng] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 450–459.
- [Xie et al.(2006)] Xie, Zhang, and Andreae] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 460–471. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=460>
- [Zhang and Lett(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 472–483. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=472>
- [Zhang et al.(2006)] Zhang, Lu, Gou, and Jiao] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 484–494.
- [Archetti et al.(2006)] Archetti, Messina, Toscani, and Vanneschi] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 495–499.
- [Azzini and Tettamanzi(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 500–504.
- [Besson et al.(2006)Besson, Vesin, Popovici, and Kunt] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 505–509.
- [Cheran and Gargano(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 510–514.
- [Krawiec(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 515–519. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=515>
- [Legrand et al.(2006)Legrand, Lutton, and Olague] P. Legrand, E. Lutton, and G. Olague, “Evolutionary denoising based on an estimation of hölder exponents with oscillations,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 520–524.
- [Shen and Chen(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 525–529.
- [Breukelaar et al.(2006)Breukelaar, Emmerich, and Bäck] R. Breukelaar, M. Emmerich, and T. Bäck, “On interactive evolution strategies,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 530–541.
- [Sáez et al.(2006)Sáez, Isasi, Segovia, and Mochón] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 542–553.
- [Hong et al.(2006)Hong, Yang, Wang, Lin, Yang, and Lin] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 554–564.
- [Hsu and Hung(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 575–585.
- [Brintrup et al.(2006)Brintrup, Takagi, and Ramsden] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 586–598.
- [Collomosse(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 599–610.
- [Greenfield(2006)] G. Greenfield, “Robot paintings evolved using simulated robots,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 611–621.
- [Urbano(2006)] P. Urbano, “Consensual paintings,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 622–632.
- [Basa et al.(2006)Basa, Go, Yoo, and Lee] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 633–641.
- [Campolongo and Vena(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 642–651.
- [Bown and Lexer(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 652–663.
- [Gounaropoulos and Johnson(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 664–675.
- [Hazan et al.(2006)Hazan, Ramirez, Maestre, Perez, and Pertusa] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 676–687. [Online]. Available: <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=676>
- [Magnus(2006)] C. Magnus, “Evolutionary musique concrète,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 688–695.
- [Martins and Miranda(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 696–706.
- [Henriques et al.(2006)Henriques, Correia, Manzolli, Correia, and Chambel] N. A. C. Henriques, N. Correia, J. Manzolli, L. Correia, and T. Chambel, “Moviegene: Evolutionary video production based on genetic algorithms and cinematic properties,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 707–711.
- [Hochreiter(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 712–716.
- [Khalifa and Foster(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 717–721.
- [Santarosa et al.(2006)Santarosa, Moroni, and Manzolli] R. Santarosa, A. Moroni, and J. Manzolli, “Layered genetical algorithms evolving into musical accompaniment generation,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 722–726.
- [Basseur and Zitzler(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 727–739.
- [Sastry et al.(2006)Sastry, Winward, Goldberg, and Lima] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 740–751.
- [Schmidt et al.(2006)Schmidt, Branke, and Chick] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 752–763.
- [Branke et al.(2006)Branke, Orbayı, and Şima Uyar] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 764–775.
- [Rand and Riolo(2006)] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 776–787.
- [Yang(2006)] S. Yang, “Associative memory scheme for genetic algorithms in dynamic environments,” in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 788–799.
- [Kobliha et al.(2006)Kobliha, Schwarz, and Očenášek] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 800–804.
- [Neri et al.(2006)Neri, Cascella, Salvatore, Kononova, and Acciani] 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*, ser. LNCS, 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. Budapest: Springer Verlag, 10-12 April 2006, pp. 805–810.