## Список литературы

- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.

- [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.
- [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.
- [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.
- [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.
- [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.
- [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, Evo Workshops2006: 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.
- [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.
- [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.
- [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.
- [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.
- [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 classfier," 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.
- [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.
- [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.
- [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.
- [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.
- [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, Evo Workshops2006: 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

- [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.
- [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.
- [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.
- [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.
- [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.

- [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.
- [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.
- [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
- [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
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [Ohlídal et al.(2006)Ohlídal, Jaroš, Schwarz, and Dvořák] 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*, 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.
- [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, Evo Workshops2006: 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.
- [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.
- [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.
- [Romero-Zaliz et al.(2006)Romero-Zaliz, Rubio-Escudero, Cordón, Harari, del Val, and Zwir] R. Romero-Zaliz, C. Rubio-Escudero, O. Cordón, O. Harari, C. del Val, and I. Zwir, "Mining structural databases: An evolutionary multi-objective conceptual clustering methodology," in

- Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, 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.
- [Rothlauf et al.(2006)Rothlauf, Branke, Cagnoni, Costa, Cotta, Drechsler, Lutton, Machado, Moore, Romero, Smith, Squ F. Rothlauf, J. Branke, S. 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
- [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.
- [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.
- [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.
- [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.
- [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.
- [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.
- [Shin et al.(2006)Shin, Lee, and Zhang] 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, 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, Evo Workshops2006: 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.
- [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.
- [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.
- [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.
- [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.
- [Wedde et al.(2006)Wedde, Timm, and Farooq] 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*, 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.
- [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
- [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.
- [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
- [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.
- [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.