

Список литературы

- [Archetti et al., 2006] Archetti, F.; Messina, E.; Toscani, D.; and Vanneschi, L. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 495–499, Budapest. Springer Verlag.
- [Azzini and Tettamanzi, 2006] Azzini, A. and Tettamanzi, A. G. B. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 500–504, Budapest. Springer Verlag.
- [Bakir and Sezerman, 2006] Bakir, B. and Sezerman, O. U. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 1–12, Budapest. Springer Verlag.
- [Basa et al., 2006] Basa, T.; Go, C. A.; Yoo, K.-S.; and Lee, W.-H. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 633–641, Budapest. Springer Verlag.
- [Basseur and Zitzler, 2006] Basseur, M. and Zitzler, E. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 727–739, Budapest. Springer Verlag.
- [Besson et al., 2006] Besson, P.; Vesin, J.-M.; Popovici, V.; and Kunt, M. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 505–509, Budapest. Springer Verlag.
- [Bocchi and Ballerini, 2006] Bocchi, L. and Ballerini, L. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 356–367, Budapest. Springer Verlag.
- [Bolshakova et al., 2006] Bolshakova, N.; Azuaje, F.; and Cunningham, P. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 13–22, Budapest. Springer Verlag.
- [Bown and Lexer, 2006] Bown, O. and Lexer, S. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 652–663, Budapest. Springer Verlag.
- [Branke et al., 2006] Branke, J.; Orbayı, M.; and Şima Uyar (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 764–775, Budapest. Springer Verlag.
- [Breukelaar et al., 2006] Breukelaar, R.; Emmerich, M.; and Bäck, T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 530–541, Budapest. Springer Verlag.
- [Brintrup et al., 2006] Brintrup, A. M.; Takagi, H.; and Ramsden, J. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 586–598, Budapest. Springer Verlag.
- [Campolongo and Vena, 2006] Campolongo, G. and Vena, S. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 642–651, Budapest. Springer Verlag.
- [Chen et al., 2006] Chen, C.-M.; Jeng, B. C.; Yang, C. R.; and Lai, G. H. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 286–295, Budapest. Springer Verlag.
- [Cheran and Gargano, 2006] Cheran, S. C. and Gargano, G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 510–514, Budapest. Springer Verlag.
- [Cho et al., 2006] Cho, U.-K.; Hong, J.-H.; and Cho, S.-B. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 380–390, Budapest. Springer Verlag.
- [Collomosse, 2006] Collomosse, J. P. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET,*

- EvoHOT*, *EvoIASP*, *EvoInteraction*, *EvoMUSART*, *EvoSTOC*, volume 3907 of *LNCS*, pages 599–610, Budapest. Springer Verlag.
- [Comellas and Sapena, 2006] Comellas, F. and Sapena, E. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 279–285, Budapest. Springer Verlag.
- [Cordella et al., 2006] Cordella, L. P.; De Stefano, C.; Fontanella, F.; and Marcelli, A. (2006). "Evolutionary Generation of Prototypes for a Learning Vector Quantization Classifier". 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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 391–402, Budapest. Springer Verlag.
- [Danyi et al., 2006] Danyi, K.; Kókai, G.; and Csontos, J. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 23–33, Budapest. Springer Verlag.
- [De Falco et al., 2006] De Falco, I.; Cioppa, A. D.; and Tarantino, E. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 403–414, Budapest. Springer Verlag.
- [Gounaropoulos and Johnson, 2006] Gounaropoulos, A. and Johnson, C. G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 664–675, Budapest. Springer Verlag.
- [Greenfield, 2006] Greenfield, G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 611–621, Budapest. Springer Verlag.
- [Hazan et al., 2006] Hazan, A.; Ramirez, R.; Maestre, E.; Perez, A.; and Pertusa, A. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 676–687, Budapest. Springer Verlag.
- [Henriques et al., 2006] Henriques, N. A. C.; Correia, N.; Manzolli, J.; Correia, L.; and Chambel, T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 707–711, Budapest. Springer Verlag.

- [Hochreiter, 2006] Hochreiter, R. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 712–716, Budapest. Springer Verlag.
- [Hong et al., 2006] Hong, C.-F.; Yang, H.-F.; Wang, L.-H.; Lin, M.-H.; Yang, P.-W.; and Lin, G.-S. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 554–564, Budapest. Springer Verlag.
- [Hsu and Hung, 2006] Hsu, F.-C. and Hung, M.-H. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 575–585, Budapest. Springer Verlag.
- [Huerta et al., 2006] Huerta, E. B.; Duval, B.; and Hao, J.-K. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 34–44, Budapest. Springer Verlag.
- [Khalifa and Foster, 2006] Khalifa, Y. and Foster, R. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 717–721, Budapest. Springer Verlag.
- [Kim et al., 2006] Kim, K.-Y.; Cho, D.-Y.; and Zhang, B.-T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 45–56, Budapest. Springer Verlag.
- [Kim and Zhang, 2006] Kim, S. and Zhang, B.-T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 57–66, Budapest. Springer Verlag.
- [Kinane et al., 2006] Kinane, A.; Muresan, V.; and O'Connor, N. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 296–307, Budapest. Springer Verlag.
- [Kobliha et al., 2006] Kobliha, M.; Schwarz, J.; and Očenášek, J. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 800–804, Budapest. Springer Verlag.
- [Krawiec, 2006] Krawiec, K. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 515–519, Budapest. Springer Verlag.
- [Kühne and Drechsler, 2006] Kühne, U. and Drechsler, N. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 308–319, Budapest. Springer Verlag.
- [Legrand et al., 2006] Legrand, P.; Lutton, E.; and Olague, G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 520–524, Budapest. Springer Verlag.
- [Li et al., 2006] Li, R.; Emmerich, M.; Bovenkamp, E. G. P.; Eggermont, J.; Bäck, T.; Dijkstra, J.; and Reiber, J. H. C. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 415–426, Budapest. Springer Verlag.
- [Logofatu and Drechsler, 2006] Logofatu, D. and Drechsler, R. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 320–331, Budapest. Springer Verlag.
- [Luna et al., 2006] Luna, F.; Nebro, A. J.; Dorronsoro, B.; Alba, E.; Bouvry, P.; and Hogue, L. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 255–266, Budapest. Springer Verlag.
- [Magnus, 2006] Magnus, C. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 688–695, Budapest. Springer Verlag.
- [Mahata et al., 2006] Mahata, P.; Costa, W.; Cotta, C.; and Moscato, P. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO,*

EvoCOMNET, *EvoHOT*, *EvoIASP*, *EvoInteraction*, *EvoMUSART*, *EvoSTOC*, volume 3907 of *LNCS*, pages 67–78, Budapest. Springer Verlag.

- [Marchiori et al., 2006] Marchiori, E.; Jimenez, C. R.; West-Nielsen, M.; and Heegaard, N. H. H. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 79–90, Budapest. Springer Verlag.
- [Martins and Miranda, 2006] Martins, J. M. and Miranda, E. R. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 696–706, Budapest. Springer Verlag.
- [Meyer and Bontempi, 2006] Meyer, P. E. and Bontempi, G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 91–102, Budapest. Springer Verlag.
- [Motsinger et al., 2006] Motsinger, A. A.; Dudek, S. M.; Hahn, L. W.; and Ritchie, M. D. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 103–114, Budapest. Springer Verlag.
- [Neri et al., 2006] Neri, F.; Cascella, G. L.; Salvatore, N.; Kononova, A. V.; and Acciani, G. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 805–810, Budapest. Springer Verlag.
- [Ohlidal et al., 2006] Ohlidal, M.; Jaroš, J.; Schwarz, J.; and Dvořák, V. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 267–278, Budapest. Springer Verlag.
- [Olague and Puente, 2006] Olague, G. and Puente, C. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 427–437, Budapest. Springer Verlag.
- [Óscar Pérez et al., 2006] Óscar Pérez; Ángel Patricio, M.; García, J.; and Molina, J. M. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 438–449, Budapest. Springer Verlag.
- [Palacios et al., 2006] Palacios, P.; Pelta, D.; and Blanco, A. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 115–126, Budapest. Springer Verlag.
- [Porto and Barbosa, 2006a] Porto, A. H. L. and Barbosa, V. C. (2006a). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 138–148, Budapest. Springer Verlag.
- [Porto and Barbosa, 2006b] Porto, A. H. L. and Barbosa, V. C. (2006b). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 127–137, Budapest. Springer Verlag.
- [Rajapakse et al., 2006] Rajapakse, M.; Schmidt, B.; and Brusic, V. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 149–158, Budapest. Springer Verlag.
- [Rand and Riolo, 2006] Rand, W. and Riolo, R. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 776–787, Budapest. Springer Verlag.
- [Romero-Zaliz et al., 2006] Romero-Zaliz, R.; Rubio-Escudero, C.; Cerdón, O.; Harari, O.; del Val, C.; and Zwir, I. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 159–171, Budapest. Springer Verlag.
- [Rothlauf et al., 2006] 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., editors (2006). *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, Budapest. Springer Verlag.
- [Rubio-Escudero et al., 2006] Rubio-Escudero, C.; Romero-Zaliz, R.; Cordon, O.; Harari, O.; del Val, C.; and Zwir, I. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET,*

- EvoHOT*, *EvoIASP*, *EvoInteraction*, *EvoMUSART*, *EvoSTOC*, volume 3907 of *LNCS*, pages 172–183, Budapest. Springer Verlag.
- [Sáez et al., 2006] Sáez, Y.; Isasi, P.; Segovia, J.; and Mochón, A. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 542–553, Budapest. Springer Verlag.
- [Santarosa et al., 2006] Santarosa, R.; Moroni, A.; and Manzolli, J. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 722–726, Budapest. Springer Verlag.
- [Sastry et al., 2006] Sastry, K.; Winward, P.; Goldberg, D. E.; and Lima, C. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 740–751, Budapest. Springer Verlag.
- [Schmidt et al., 2006] Schmidt, C.; Branke, J.; and Chick, S. E. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 752–763, Budapest. Springer Verlag.
- [Sekanina and Vašíček, 2006] Sekanina, L. and Vašíček, Z. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 344–355, Budapest. Springer Verlag.
- [Shen and Chen, 2006] Shen, S. and Chen, W. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 525–529, Budapest. Springer Verlag.
- [Shin et al., 2006] Shin, S.-Y.; Lee, I.-H.; and Zhang, B.-T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 184–195, Budapest. Springer Verlag.
- [Stojanovic, 2006] Stojanovic, N. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 196–207, Budapest. Springer Verlag.

- [Stout et al., 2006] Stout, M.; Bacardit, J.; Hirst, J. D.; Krasnogor, N.; and Blazewicz, J. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 208–220, Budapest. Springer Verlag.
- [Terry et al., 2006] Terry, M. A.; Marcus, J.; Farrell, M.; Aggarwal, V.; and O'Reilly, U.-M. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 332–343, Budapest. Springer Verlag.
- [Tianzhu et al., 2006] Tianzhu, W.; Wenhui, L.; Yi, W.; Zihou, G.; and Dongfeng, H. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 450–459, Budapest. Springer Verlag.
- [Tran et al., 2006] Tran, D.; Pham, T.; Satou, K.; and Ho, T. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 221–230, Budapest. Springer Verlag.
- [Urbano, 2006] Urbano, P. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 622–632, Budapest. Springer Verlag.
- [Wedde et al., 2006] Wedde, H. F.; Timm, C.; and Farooq, M. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 243–254, Budapest. Springer Verlag.
- [Wetcharaporn et al., 2006a] Wetcharaporn, W.; Chaiyaratana, N.; and Huvanandana, S. (2006a). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 368–379, Budapest. Springer Verlag.
- [Wetcharaporn et al., 2006b] Wetcharaporn, W.; Chaiyaratana, N.; and Tongsimma, S. (2006b). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 231–242, Budapest. Springer Verlag.

- [Xie et al., 2006] Xie, H.; Zhang, M.; and Andreae, P. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 460–471, Budapest. Springer Verlag.
- [Yang, 2006] Yang, S. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 788–799, Budapest. Springer Verlag.
- [Zhang and Lett, 2006] Zhang, M. and Lett, M. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 472–483, Budapest. Springer Verlag.
- [Zhang et al., 2006] Zhang, X.; Lu, B.; Gou, S.; and Jiao, L. (2006). "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., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 484–494, Budapest. Springer Verlag.