

Список литературы

- [AMTV] Francesco Archetti, Enza Messina, Daniele Toscani, and Leonardo Vanneschi. Classifying and counting vehicles in traffic control applications. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 495–499, Budapest, 10-12 April 2006. Springer Verlag.
- [AT] Antonia Azzini and Andrea G. B. Tettamanzi. A neural evolutionary classification method for brain-wave analysis. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 500–504, Budapest, 10-12 April 2006. Springer Verlag.
- [BAC] Nadia Bolshakova, Francisco Azuaje, and Pádraig Cunningham. Incorporating biological domain knowledge into cluster validity assessment. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 13–22, Budapest, 10-12 April 2006. Springer Verlag.
- [BB] Leonardo Bocchi and Lucia Ballerini. Image space colonization algorithm. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 356–367, Budapest, 10-12 April 2006. Springer Verlag.
- [BEB] Ron Breukelaar, Michael Emmerich, and Thomas Bäck. On interactive evolution strategies. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 530–541, Budapest, 10-12 April 2006. Springer Verlag.
- [BGYL] Tristan Basa, Christian Anthony Go, Kil-Sang Yoo, and Won-Hyung Lee. Using physiological signals to evolve art. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 633–641, Budapest, 10-12 April 2006. Springer Verlag.
- [BL] Oliver Bown and Sebastian Lexer. Continuous-time recurrent neural networks for generative and interactive musical performance. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 652–663, Budapest, 10-12 April 2006. Springer Verlag.
- [BOcU] Jürgen Branke, Merve Orbayı, and Şima Uyar. The role of representations in dynamic knapsack problems. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa,

Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 764–775, Budapest, 10-12 April 2006. Springer Verlag.

- [BS] Burcu Bakir and Osman Ugur Sezerman. Functional classification of g-protein coupled receptors, based on their specific ligand coupling patterns. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 1–12, Budapest, 10-12 April 2006. Springer Verlag.
- [BTR] Alexandra Melike Brintrup, Hideyuki Takagi, and Jeremy Ramsden. Evaluation of sequential, multi-objective, and parallel interactive genetic algorithms for multi-objective floor plan optimisation. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 586–598, Budapest, 10-12 April 2006. Springer Verlag.
- [BVPK] Patricia Besson, Jean-Marc Vesin, Vlad Popovici, and Murat Kunt. Differential evolution applied to a multimodal information theoretic optimization problem. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 505–509, Budapest, 10-12 April 2006. Springer Verlag.
- [BZ] Matthieu Basseur and Eckart Zitzler. A preliminary study on handling uncertainty in indicator-based multiobjective optimization. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 727–739, Budapest, 10-12 April 2006. Springer Verlag.
- [CDFM] Luigi Pietro Cordella, Claudio De Stefano, Francesco Fontanella, and Angelo Marcelli. Evolutionary generation of prototypes for a learning vector quantization classifier. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 391–402, Budapest, 10-12 April 2006. Springer Verlag.
- [CG] Sorin Cristian Cheran and Gianfranco Gargano. Artificial life models in lung CTs. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 510–514, Budapest, 10-12 April 2006. Springer Verlag.
- [CHC] Ung-Keun Cho, Jin-Hyuk Hong, and Sung-Bae Cho. Evolutionary singularity filter bank optimization for fingerprint image enhancement. In Franz Rothlauf, Jurgen Branke,

- Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 380–390, Budapest, 10-12 April 2006. Springer Verlag.
- [CJYL] Chia-Mei Chen, Bing Chiang Jeng, Chia Ru Yang, and Gu Hsin Lai. Tracing denial of service origin: Ant colony approach. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 286–295, Budapest, 10-12 April 2006. Springer Verlag.
- [Col] John P. Collomosse. Supervised genetic search for parameter selection in painterly rendering. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 599–610, Budapest, 10-12 April 2006. Springer Verlag.
- [CS] Francesc Comellas and Emili Sapena. A multiagent algorithm for graph partitioning. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 279–285, Budapest, 10-12 April 2006. Springer Verlag.
- [CV] Gianfranco Campolongo and Stefano Vena. Science of networks and music: A new approach on musical analysis and creation. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 642–651, Budapest, 10-12 April 2006. Springer Verlag.
- [DCT] Ivanoe De Falco, Antonio Della Cioppa, and Ernesto Tarantino. Automatic classification of handsegmented image parts with differential evolution. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 403–414, Budapest, 10-12 April 2006. Springer Verlag.
- [DKC] Kornélia Danyi, Gabriella Kókai, and József Csontos. A novel mathematical model for the optimization of DNA-chip design and its implementation. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 23–33, Budapest, 10-12 April 2006. Springer Verlag.
- [GJ] Alex Gounaropoulos and Colin G. Johnson. Synthesising timbres and timbre-changes from adjectives/adverbs. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors,

Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, volume 3907 of *LNCS*, pages 664–675, Budapest, 10-12 April 2006. Springer Verlag.

- [Gre] Gary Greenfield. Robot paintings evolved using simulated robots. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 611–621, Budapest, 10-12 April 2006. Springer Verlag.
- [HCM⁺] Nuno A. C. Henriques, Nuno Correia, Jônatas Manzolli, Luís Correia, and Teresa Chambel. Moviegene: Evolutionary video production based on genetic algorithms and cinematic properties. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 707–711, Budapest, 10-12 April 2006. Springer Verlag.
- [HDH] Edmundo Bonilla Huerta, Béatrice Duval, and Jin-Kao Hao. A hybrid GA/SVM approach for gene selection and classification of microarray data. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 34–44, Budapest, 10-12 April 2006. Springer Verlag.
- [HH] Fang-Cheng Hsu and Ming-Hsiang Hung. Practically applying interactive genetic algorithms to customers’ designs on a customizable C2C framework: Entrusting select operations to IGA users. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 575–585, Budapest, 10-12 April 2006. Springer Verlag.
- [Hoc] Ronald Hochreiter. Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 712–716, Budapest, 10-12 April 2006. Springer Verlag.
- [HRM⁺] Amaury Hazan, Rafael Ramirez, Esteban Maestre, Alfonso Perez, and Antonio Pertusa. Modelling expressive performance: a regression tree approach based on strongly typed genetic programming. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 676–687, Budapest, 10-12 April 2006. Springer Verlag.
- [HYW⁺] Chao-Fu Hong, Hsiao-Fang Yang, Leuo-Hong Wang, Mu-Hua Lin, Po-Wen Yang, and Geng-Sian Lin. Creating chance by new interactive evolutionary computation: Bipartite graph based interactive genetic algorithm. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal

Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 554–564, Budapest, 10-12 April 2006. Springer Verlag.

- [KCZ] Kee-Young Kim, Dong-Yeon Cho, and Byoung-Tak Zhang. Multi-stage evolutionary algorithms for efficient identification of gene regulatory networks. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 45–56, Budapest, 10-12 April 2006. Springer Verlag.
- [KD] Ulrich Kühne and Nicole Drechsler. Finding compact BDDs using genetic programming. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 308–319, Budapest, 10-12 April 2006. Springer Verlag.
- [KF] Yaser Khalifa and Robert Foster. A two-stage autonomous evolutionary music composer. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 717–721, Budapest, 10-12 April 2006. Springer Verlag.
- [KMO] Andrew Kinane, Valentin Muresan, and Noel O’Connor. Optimisation of constant matrix multiplication operation hardware using a genetic algorithm. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 296–307, Budapest, 10-12 April 2006. Springer Verlag.
- [Kra] Krzysztof Krawiec. Learning high-level visual concepts using attributed primitives and genetic programming. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 515–519, Budapest, 10-12 April 2006. Springer Verlag.
- [KSO] Miloš Kobliha, Josef Schwarz, and Jiří Očenášek. Bayesian optimization algorithms for dynamic problems. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 800–804, Budapest, 10-12 April 2006. Springer Verlag.
- [KZ] Sun Kim and Byoung-Tak Zhang. Human papillomavirus risk type classification from protein sequences using support vector machines. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and

Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 57–66, Budapest, 10-12 April 2006. Springer Verlag.

- [LD] Doina Logofatu and Rolf Drechsler. Efficient evolutionary approaches for the data ordering problem with inversion. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 320–331, Budapest, 10-12 April 2006. Springer Verlag.
- [LEB⁺] Rui Li, Michael Emmerich, Ernst G. P. Bovenkamp, Jeroen Eggermont, Thomas Bäck, Jouke Dijkstra, and Johan H. C. Reiber. Mixed-integer evolution strategies and their application to intravascular ultrasound image analysis. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 415–426, Budapest, 10-12 April 2006. Springer Verlag.
- [LLO] Pierrick Legrand, Evelyne Lutton, and Gustavo Olague. Evolutionary denoising based on an estimation of hölder exponents with oscillations. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 520–524, Budapest, 10-12 April 2006. Springer Verlag.
- [LND⁺] Francisco Luna, Antonio J. Nebro, Bernabé Dorronsoro, Enrique Alba, Pascal Bouvry, and Luc Hogie. Optimal broadcasting in metropolitan MANETs using multiobjective scatter search. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 255–266, Budapest, 10-12 April 2006. Springer Verlag.
- [Mag] Cristyn Magnus. Evolutionary musique concrète. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 688–695, Budapest, 10-12 April 2006. Springer Verlag.
- [MB] Patrick Emmanuel Meyer and Gianluca Bontempi. On the use of variable complementarity for feature selection in cancer classification. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 91–102, Budapest, 10-12 April 2006. Springer Verlag.
- [MCCM] Pritha Mahata, Wagner Costa, Carlos Cotta, and Pablo Moscato. Hierarchical clustering, languages and cancer. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 67–78, Budapest, 10-12 April 2006. Springer Verlag.

- [MDHR] Alison A. Motsinger, Scott M. Dudek, Lance W. Hahn, and Marylyn D. Ritchie. Comparison of neural network optimization approaches for studies of human genetics. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 103–114, Budapest, 10-12 April 2006. Springer Verlag.
- [MJWNH] Elena Marchiori, Connie R. Jimenez, Mikkel West-Nielsen, and Niels H. H. Heegaard. Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 79–90, Budapest, 10-12 April 2006. Springer Verlag.
- [MM] João M. Martins and Eduardo R. Miranda. A connectionist architecture for the evolution of rhythms. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 696–706, Budapest, 10-12 April 2006. Springer Verlag.
- [NCS⁺] Ferrante Neri, Giuseppe L. Cascella, Nadia Salvatore, Anna V. Kononova, and Giuseppe Acciani. Prudent-daring vs tolerant survivor selection schemes in control design of electric drives. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 805–810, Budapest, 10-12 April 2006. Springer Verlag.
- [OJSD] Miloš Ohlídal, Jiří Jaroš, Josef Schwarz, and Václav Dvořák. Evolutionary design of OAB and AAB communication schedules for interconnection networks. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 267–278, Budapest, 10-12 April 2006. Springer Verlag.
- [OP] Gustavo Olague and Cesar Puente. The honeybee search algorithm for three-dimensional reconstruction. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 427–437, Budapest, 10-12 April 2006. Springer Verlag.
- [OPAPGM] Óscar Pérez, Miguel Ángel Patricio, Jesús García, and José Manuel Molina. Improving the segmentation stage of a pedestrian tracking video-based system by means of evolution strategies. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET,*

- EvoHOT*, *EvoIASP*, *EvoInteraction*, *EvoMUSART*, *EvoSTOC*, volume 3907 of *LNCS*, pages 438–449, Budapest, 10-12 April 2006. Springer Verlag.
- [PB1] Alexandre H. L. Porto and Valmir C. Barbosa. A methodology for determining amino-acid substitution matrices from set covers. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 138–148, Budapest, 10-12 April 2006. Springer Verlag.
- [PB2] Alexandre H. L. Porto and Valmir C. Barbosa. Multiple sequence alignment based on set covers. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 127–137, Budapest, 10-12 April 2006. Springer Verlag.
- [PPB] Pablo Palacios, David Pelta, and Armando Blanco. Obtaining biclusters in microarrays with population-based heuristics. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 115–126, Budapest, 10-12 April 2006. Springer Verlag.
- [RBC⁺] Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors. *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, Budapest, 10-12 April 2006. Springer Verlag.
- [RERZC⁺] Cristina Rubio-Escudero, Rocío Romero-Zaliz, Oscar Cordon, Oscar Harari, Coral del Val, and Igor Zwir. Optimal selection of microarray analysis methods using a conceptual clustering algorithm. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 172–183, Budapest, 10-12 April 2006. Springer Verlag.
- [RR] William Rand and Rick 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 Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 776–787, Budapest, 10-12 April 2006. Springer Verlag.
- [RSB] Menaka Rajapakse, Bertil Schmidt, and Vladimir Brusic. Multi-objective evolutionary algorithm for discovering peptide binding motifs. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 149–158, Budapest, 10-12 April 2006. Springer Verlag.

- [RZREC⁺] Rocío Romero-Zalaz, Cristina Rubio-Escudero, Oscar Cordón, Oscar Harari, Coral del Val, and Igor Zwir. Mining structural databases: An evolutionary multi-objective conceptual clustering methodology. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 159–171, Budapest, 10-12 April 2006. Springer Verlag.
- [SBC] Christian Schmidt, Jürgen Branke, and Stephen E. Chick. Integrating techniques from statistical ranking into evolutionary algorithms. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 752–763, Budapest, 10-12 April 2006. Springer Verlag.
- [SBH⁺] Michael Stout, Jaume Bacardit, Jonathan D. Hirst, Natalio Krasnogor, and Jacek Blazewicz. From HP lattice models to real proteins: coordination number prediction using learning classifier systems. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 208–220, Budapest, 10-12 April 2006. Springer Verlag.
- [SC] Shuhan Shen and Weirong Chen. Probability evolutionary algorithm based human body tracking. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 525–529, Budapest, 10-12 April 2006. Springer Verlag.
- [SISM] Yago Sáez, Pedro Isasi, Javier Segovia, and Asunción Mochón. An experimental comparative study for interactive evolutionary computation problems. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 542–553, Budapest, 10-12 April 2006. Springer Verlag.
- [SLZ] Soo-Yong Shin, In-Hee Lee, and Byoung-Tak Zhang. Microarray probe design using ϵ -multi-objective evolutionary algorithms with thermodynamic criteria. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 184–195, Budapest, 10-12 April 2006. Springer Verlag.
- [SMM] Ribamar Santarosa, Artemis Moroni, and Jônatas Manzolli. Layered genetical algorithms evolving into musical accompaniment generation. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 722–726, Budapest, 10-12 April 2006. Springer Verlag.

- [Sto] Nikola Stojanovic. An algorithm for the automated verification of DNA supercontig assemblies. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 196–207, Budapest, 10-12 April 2006. Springer Verlag.
- [SV] Lukáš Sekanina and Zdeněk Vašíček. On the practical limits of the evolutionary digital filter design at the gate level. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 344–355, Budapest, 10-12 April 2006. Springer Verlag.
- [SWGL] Kumara Sastry, Paul Winward, David E. Goldberg, and Cláudio Lima. Fluctuating crosstalk as a source of deterministic noise and its effects on GA scalability. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 740–751, Budapest, 10-12 April 2006. Springer Verlag.
- [TMF⁺] Michael A. Terry, Jonathan Marcus, Matthew Farrell, Varun Aggarwal, and Una-May O’Reilly. GRACE: generative robust analog circuit exploration. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 332–343, Budapest, 10-12 April 2006. Springer Verlag.
- [TPSH] DangHung Tran, ThoHoan Pham, Kenji Satou, and TuBao Ho. Conditional random fields for predicting and analyzing histone occupancy, acetylation and methylation areas in DNA sequences. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 221–230, Budapest, 10-12 April 2006. Springer Verlag.
- [TWY⁺] Wang Tianzhu, Li Wenhui, Wang Yi, Ge Zihou, and Han Dongfeng. An adaptive stochastic collision detection between deformable objects using particle swarm optimization. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 450–459, Budapest, 10-12 April 2006. Springer Verlag.
- [Urb] Paulo Urbano. Consensual paintings. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 622–632, Budapest, 10-12 April 2006. Springer Verlag.

- [WCH] Wannasak Wetcharaporn, Nachol Chaiyaratana, and Sanpachai Huvanandana. Enhancement of an automatic fingerprint identification system using a genetic algorithm and genetic programming. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 368–379, Budapest, 10-12 April 2006. Springer Verlag.
- [WCT] Wannasak Wetcharaporn, Nachol Chaiyaratana, and Sissades Tongsimma. DNA fragment assembly: An ant colony system approach. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 231–242, Budapest, 10-12 April 2006. Springer Verlag.
- [WTF] Horst F. Wedde, Constantin Timm, and Muddassar Farooq. BeehiveGuard: A step towards secure nature inspired routing algorithms. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 243–254, Budapest, 10-12 April 2006. Springer Verlag.
- [XZA] Huayang Xie, Mengjie Zhang, and Peter Andreae. Genetic programming for automatic stress detection in spoken english. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 460–471, Budapest, 10-12 April 2006. Springer Verlag.
- [Yan] Shengxiang Yang. Associative memory scheme for genetic algorithms in dynamic environments. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 788–799, Budapest, 10-12 April 2006. Springer Verlag.
- [ZL] Mengjie Zhang and Malcolm Lett. Localisation fitness in GP for object detection. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 472–483, Budapest, 10-12 April 2006. Springer Verlag.
- [ZLGJ] Xiangrong Zhang, Bin Lu, Shuiping Gou, and Licheng Jiao. Immune multiobjective optimization algorithm for unsupervised feature selection. In Franz Rothlauf, Jurgen Branke, Stefano Cagnoni, Ernesto Costa, Carlos Cotta, Rolf Drechsler, Evelyne Lutton, Penousal Machado, Jason H. Moore, Juan Romero, George D. Smith, Giovanni Squillero, and Hideyuki Takagi, editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, pages 484–494, Budapest, 10-12 April 2006. Springer Verlag.