Список литературы

- [1] Francesco Archetti, Enza Messina, Daniele Toscani, and Leonardo Vanneschi, Classifying and counting vehicles in traffic control applications, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 495–499.
- [2] Antonia Azzini and Andrea G. B. Tettamanzi, A neural evolutionary classification method for brain-wave analysis, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 500–504.
- [3] Burcu Bakir and Osman Ugur Sezerman, Functional classification of g-protein coupled receptors, based on their specific ligand coupling patterns, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 1–12.
- [4] Tristan Basa, Christian Anthony Go, Kil-Sang Yoo, and Won-Hyung Lee, *Using physiological signals to evolve art*, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 633–641.
- [5] Matthieu Basseur and Eckart Zitzler, A preliminary study on handling uncertainty in indicator-based multiobjective optimization, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 727–739.
- [6] Patricia Besson, Jean-Marc Vesin, Vlad Popovici, and Murat Kunt, Differential evolution applied to a multimodal information theoretic optimization problem, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 505–509.
- [7] Leonardo Bocchi and Lucia Ballerini, *Image space colonization algorithm*, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 356–367.
- [8] Nadia Bolshakova, Francisco Azuaje, and Pádraig Cunningham, Incorporating biological domain knowledge into cluster validity assessment, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 13–22.
- [9] Oliver Bown and Sebastian Lexer, Continuous-time recurrent neural networks for generative and interactive musical performance, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 652–663.
- [10] Jürgen Branke, Merve Orbayı, and Şima Uyar, The role of representations in dynamic knapsack problems, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 764–775.
- [11] Ron Breukelaar, Michael Emmerich, and Thomas Bäck, On interactive evolution strategies, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 530-541.
- [12] Alexandra Melike Brintrup, Hideyuki Takagi, and Jeremy Ramsden, Evaluation of sequential, multi-objective, and parallel interactive genetic algorithms for multi-objective floor plan optimisation, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 586–598.
- [13] Gianfranco Campolongo and Stefano Vena, Science of networks and music: A new approach on musical analysis and creation, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 642–651.
- [14] Chia-Mei Chen, Bing Chiang Jeng, Chia Ru Yang, and Gu Hsin Lai, Tracing denial of service origin: Ant colony approach, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 286–295.
- [15] Sorin Cristian Cheran and Gianfranco Gargano, Artificial life models in lung CTs, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 510-514.
- [16] Ung-Keun Cho, Jin-Hyuk Hong, and Sung-Bae Cho, Evolutionary singularity filter bank optimization for fingerprint image enhancement, Applications of Evolutionary Computing,

- EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 380–390.
- [17] John P. Collomosse, Supervised genetic search for parameter selection in painterly rendering, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 599-610.
- [18] Francesc Comellas and Emili Sapena, A multiagent algorithm for graph partitioning, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 279–285.
- [19] Luigi Pietro Cordella, Claudio De Stefano, Francesco Fontanella, and Angelo Marcelli, Evolutionary generation of prototypes for a learning vector quantization classfier, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 391–402.
- [20] Kornélia Danyi, Gabriella Kókai, and József Csontos, A novel mathematical model for the optimization of DNA-chip design and its implementation, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 23-33.
- [21] Ivanoe De Falco, Antonio Della Cioppa, and Ernesto Tarantino, Automatic classification of handsegmented image parts with differential evolution, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 403-414.
- [22] Alex Gounaropoulos and Colin G. Johnson, Synthesising timbres and timbre-changes from adjectives/adverbs, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 664–675.
- [23] Gary Greenfield, Robot paintings evolved using simulated robots, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 611–621.
- [24] Amaury Hazan, Rafael Ramirez, Esteban Maestre, Alfonso Perez, and Antonio Pertusa, Modelling expressive performance: a regression tree approach based on strongly typed genetic programming,

- Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 676–687.
- [25] Nuno A. C. Henriques, Nuno Correia, Jônatas Manzolli, Luís Correia, and Teresa Chambel, Moviegene: Evolutionary video production based on genetic algorithms and cinematic properties, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 707-711.
- [26] Ronald Hochreiter, Audible convergence for optimal base melody extension with statistical genrespecific interval distance evaluation, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 712–716.
- [27] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 554–564.
- [28] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 575–585.
- [29] Edmundo Bonilla Huerta, Béatrice Duval, and Jin-Kao Hao, A hybrid GA/SVM approach for gene selection and classification of microarray data, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 34-44.
- [30] Yaser Khalifa and Robert Foster, A two-stage autonomous evolutionary music composer, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 717–721.
- [31] Kee-Young Kim, Dong-Yeon Cho, and Byoung-Tak Zhang, Multi-stage evolutionary algorithms for efficient identification of gene regulatory networks, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 45–56.

- [32] Sun Kim and Byoung-Tak Zhang, Human papillomavirus risk type classification from protein sequences using support vector machines, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 57–66.
- [33] Andrew Kinane, Valentin Muresan, and Noel O'Connor, Optimisation of constant matrix multiplication operation hardware using a genetic algorithm, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 296–307.
- [34] Miloš Kobliha, Josef Schwarz, and Jiří Očenášek, Bayesian optimization algorithms for dynamic problems, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 800–804.
- [35] Krzysztof Krawiec, Learning high-level visual concepts using attributed primitives and genetic programming, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 515–519.
- [36] Ulrich Kühne and Nicole Drechsler, Finding compact BDDs using genetic programming, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 308–319.
- [37] Pierrick Legrand, Evelyne Lutton, and Gustavo Olague, Evolutionary denoising based on an estimation of hölder exponents with oscillations, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 520–524.
- [38] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 415–426.
- [39] Doina Logofatu and Rolf Drechsler, Efficient evolutionary approaches for the data ordering problem with inversion, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 320–331.

- [40] Francisco Luna, Antonio J. Nebro, Bernabé Dorronsoro, Enrique Alba, Pascal Bouvry, and Luc Hogie, Optimal broadcasting in metropolitan MANETs using multiobjective scatter search, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 255–266.
- [41] Cristyn Magnus, Evolutionary musique concrète, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 688–695.
- [42] Pritha Mahata, Wagner Costa, Carlos Cotta, and Pablo Moscato, *Hierarchical clustering*, languages and cancer, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 67–78.
- [43] Elena Marchiori, Connie R. Jimenez, Mikkel West-Nielsen, and Niels H. H. Heegaard, Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 79–90.
- [44] João M. Martins and Eduardo R. Miranda, A connectionist architecture for the evolution of rhythms, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 696–706.
- [45] Patrick Emmanuel Meyer and Gianluca Bontempi, On the use of variable complementarity for feature selection in cancer classification, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 91–102.
- [46] Alison A. Motsinger, Scott M. Dudek, Lance W. Hahn, and Marylyn D. Ritchie, Comparison of neural network optimization approaches for studies of human genetics, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 103-114.
- [47] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 805–810.

- [48] Miloš Ohlídal, Jiří Jaroš, Josef Schwarz, and Václav Dvořák, Evolutionary design of OAB and AAB communication schedules for interconnection networks, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 267–278.
- [49] Gustavo Olague and Cesar Puente, The honeybee search algorithm for three-dimensional reconstruction, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 427–437.
- [50] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 438-449.
- [51] Pablo Palacios, David Pelta, and Armando Blanco, Obtaining biclusters in microarrays with population-based heuristics, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 115–126.
- [52] Alexandre H. L. Porto and Valmir C. Barbosa, A methodology for determining amino-acid substitution matrices from set covers, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 138–148.
- [53] ______, Multiple sequence alignment based on set covers, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 127–137.
- [54] Menaka Rajapakse, Bertil Schmidt, and Vladimir Brusic, Multi-objective evolutionary algorithm for discovering peptide binding motifs, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 149–158.
- [55] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 776–787.
- [56] Rocío Romero-Zaliz, Cristina Rubio-Escudero, Oscar Cordón, Oscar Harari, Coral del Val, and Igor Zwir, Mining structural databases: An evolutionary multi-objective conceptual clustering methodology, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 159–171.
- [57] 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 (eds.), Applications of evolutionary computing, evoworkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC, LNCS, vol. 3907, Budapest, Springer Verlag, 10-12 April 2006.
- [58] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 172–183.
- [59] Yago Sáez, Pedro Isasi, Javier Segovia, and Asunción Mochón, An experimental comparative study for interactive evolutionary computation problems, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 542–553.
- [60] Ribamar Santarosa, Artemis Moroni, and Jônatas Manzolli, Layered genetical algorithms evolving into musical accompaniment generation, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 722–726.
- [61] Kumara Sastry, Paul Winward, David E. Goldberg, and Cláudio Lima, Fluctuating crosstalk as a source of deterministic noise and its effects on GA scalability, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 740-751.
- [62] Christian Schmidt, Jürgen Branke, and Stephen E. Chick, Integrating techniques from statistical ranking into evolutionary algorithms, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 752–763.
- [63] Lukáš Sekanina and Zdeněk Vašíček, On the practical limits of the evolutionary digital filter design at the gate level, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO,

- EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 344–355.
- [64] Shuhan Shen and Weirong Chen, Probability evolutionary algorithm based human body tracking, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 525–529.
- [65] Soo-Yong Shin, In-Hee Lee, and Byoung-Tak Zhang, Microarray probe design using ε-multi-objective evolutionary algorithms with thermodynamic criteria, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 184–195.
- [66] Nikola Stojanovic, An algorithm for the automated verification of DNA supercontig assemblies, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 196–207.
- [67] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 208–220.
- [68] Michael A. Terry, Jonathan Marcus, Matthew Farrell, Varun Aggarwal, and Una-May O'Reilly, GRACE: generative robust analog circuit exploration, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 332–343.
- [69] Wang Tianzhu, Li Wenhui, Wang Yi, Ge Zihou, and Han Dongfeng, An adaptive stochastic collision detection between deformable objects using particle swarm optimization, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 450–459.
- [70] 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, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 221–230.

- [71] Paulo Urbano, Consensual paintings, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 622–632.
- [72] Horst F. Wedde, Constantin Timm, and Muddassar Farooq, Beehiveguard: A step towards secure nature inspired routing algorithms, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 243–254.
- [73] Wannasak Wetcharaporn, Nachol Chaiyaratana, and Sanpachai Huvanandana, Enhancement of an automatic fingerprint identification system using a genetic algorithm and genetic programming, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 368-379.
- [74] Wannasak Wetcharaporn, Nachol Chaiyaratana, and Sissades Tongsima, *DNA fragment assembly: An ant colony system approach*, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 231–242.
- [75] Huayang Xie, Mengjie Zhang, and Peter Andreae, Genetic programming for automatic stress detection in spoken english, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 460-471.
- [76] Shengxiang Yang, Associative memory scheme for genetic algorithms in dynamic environments, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 788-799.
- [77] Mengjie Zhang and Malcolm Lett, Localisation fitness in GP for object detection, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 472–483.
- [78] Xiangrong Zhang, Bin Lu, Shuiping Gou, and Licheng Jiao, Immune multiobjective optimization algorithm for unsupervised feature selection, Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC (Budapest) (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, eds.), LNCS, vol. 3907, Springer Verlag, 10-12 April 2006, pp. 484–494.