

Список литературы

- [Archetti 06] Francesco Archetti, Enza Messina, Daniele Toscani & 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 & Hideyuki Takagi, editeurs, 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.
- [Azzini 06] Antonia Azzini & 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 & Hideyuki Takagi, editeurs, 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.
- [Bakir 06] Burcu Bakir & 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 & Hideyuki Takagi, editeurs, 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.
- [Basa 06] Tristan Basa, Christian Anthony Go, Kil-Sang Yoo & 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 & Hideyuki Takagi, editeurs, 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.
- [Basseur 06] Matthieu Basseur & 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 & Hideyuki Takagi, editeurs, 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.
- [Besson 06] Patricia Besson, Jean-Marc Vesin, Vlad Popovici & 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 & Hideyuki Takagi, editeurs, 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.
- [Bocchi 06] Leonardo Bocchi & 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 & Hideyuki Takagi, editeurs, 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.
- [Bolshakova 06] Nadia Bolshakova, Francisco Azuaje & 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 & Hideyuki Takagi, editeurs, 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.
- [Bown 06] Oliver Bown & 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 & Hideyuki Takagi, editeurs, 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.
- [Branke 06] Jürgen Branke, Merve Orbay & 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 & Hideyuki Takagi, editeurs, 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.
- [Breukelaar 06] Ron Breukelaar, Michael Emmerich & 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 & Hideyuki Takagi, editeurs, 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.
- [Brintrup 06] Alexandra Melike Brintrup, Hideyuki Takagi & 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 & Hideyuki Takagi, editeurs, 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.
- [Campolongo 06] Gianfranco Campolongo & 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 & Hideyuki Takagi, editeurs, 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.
- [Chen 06] Chia-Mei Chen, Bing Chiang Jeng, Chia Ru Yang & 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 & Hideyuki Takagi, editeurs, 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.
- [Cheran 06] Sorin Cristian Cheran & 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 & Hideyuki Takagi, editeurs, 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.
- [Cho 06] Ung-Keun Cho, Jin-Hyuk Hong & 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 & Hideyuki Takagi, editeurs, 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.
- [Collomosse 06] 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 & Hideyuki Takagi, editeurs, 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.
- [Comellas 06] Francesc Comellas & 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 & Hideyuki Takagi, editeurs, 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.
- [Cordella 06] Luigi Pietro Cordella, Claudio De Stefano, Francesco Fontanella & 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 & Hideyuki Takagi, editeurs, 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.
- [Danyi 06] Kornélia Danyi, Gabriella Kókai & 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 & Hideyuki Takagi, editeurs, 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.
- [De Falco 06] Ivanoe De Falco, Antonio Della Cioppa & 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 & Hideyuki Takagi, editeurs, 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.
- [Gounaropoulos 06] Alex Gounaropoulos & 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 & Hideyuki Takagi, editeurs, 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.
- [Greenfield 06] 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 & Hideyuki Takagi, editeurs, 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.
- [Hazan 06] Amaury Hazan, Rafael Ramirez, Esteban Maestre, Alfonso Perez & 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 & Hideyuki Takagi, editeurs, 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.
- [Henriques 06] Nuno A. C. Henriques, Nuno Correia, Jónatas Manzoli, Luís Correia & 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 & Hideyuki Takagi, editeurs, 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.
- [Hochreiter 06] 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 & Hideyuki Takagi, editeurs, 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.
- [Hong 06] Chao-Fu Hong, Hsiao-Fang Yang, Leuo-Hong Wang, Mu-Hua Lin, Po-Wen Yang & 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 & Hideyuki Takagi, editeurs, 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.
- [Hsu 06] Fang-Cheng Hsu & 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 & Hideyuki Takagi, editeurs, 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.
- [Huerta 06] Edmundo Bonilla Huerta, Béatrice Duval & 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 & Hideyuki Takagi, editeurs, 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.
- [Khalifa 06] Yaser Khalifa & 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 & Hideyuki Takagi, editeurs, 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.
- [Kim 06a] Kee-Young Kim, Dong-Yeon Cho & 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 & Hideyuki Takagi, editeurs, 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.
- [Kim 06b] Sun Kim & 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 & Hideyuki Takagi, editeurs, 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.
- [Kinane 06] Andrew Kinane, Valentin Muresan & 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 & Hideyuki Takagi, editeurs, 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.
- [Kobliha 06] Miloš Kobliha, Josef Schwarz & 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 & 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.
- [Krawiec 06] 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 & 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.
- [Kühne 06] Ulrich Kühne & 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 & 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.
- [Legrand 06] Pierrick Legrand, Evelyne Lutton & 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 & 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.
- [Li 06] Rui Li, Michael Emmerich, Ernst G. P. Bovenkamp, Jeroen Eggermont, Thomas Bäck, Juke Dijkstra & 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 & 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.
- [Logofatu 06] Doina Logofatu & 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 & 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.
- [Luna 06] Francisco Luna, Antonio J. Nebro, Bernabé Dorronsoro, Enrique Alba, Pascal Bouvry & 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 & 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.

- [Magnus 06] 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 & Hideyuki Takagi, editeurs, 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.
- [Mahata 06] Pritha Mahata, Wagner Costa, Carlos Cotta & 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 & Hideyuki Takagi, editeurs, 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.
- [Marchiori 06] Elena Marchiori, Connie R. Jimenez, Mikkel West-Nielsen & 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 & Hideyuki Takagi, editeurs, 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.
- [Martins 06] João M. Martins & 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 & Hideyuki Takagi, editeurs, 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.
- [Meyer 06] Patrick Emmanuel Meyer & 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 & Hideyuki Takagi, editeurs, 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.
- [Motsinger 06] Alison A. Motsinger, Scott M. Dudek, Lance W. Hahn & 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 & Hideyuki Takagi, editeurs, 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.
- [Neri 06] Ferrante Neri, Giuseppe L. Cascella, Nadia Salvatore, Anna V. Kononova & 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 & Hideyuki Takagi, editeurs, 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.
- [Ohlidal 06] Miloš Ohlidal, Jiří Jaroš, Josef Schwarz & 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 & 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.
- [Olague 06] Gustavo Olague & 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 & 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.
- [Óscar Pérez 06] Óscar Pérez, Miguel Ángel Patricio, Jesús García & 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 & 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.
- [Palacios 06] Pablo Palacios, David Pelta & 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 & 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.
- [Porto 06a] Alexandre H. L. Porto & 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 & 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.
- [Porto 06b] Alexandre H. L. Porto & 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 & 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.
- [Rajapakse 06] Menaka Rajapakse, Bertil Schmidt & 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 & 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.
- [Rand 06] William Rand & 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 & 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.
- [Romero-Zaliz 06] Rocío Romero-Zaliz, Cristina Rubio-Escudero, Oscar Cordón, Oscar Harari, Coral del Val & 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 & 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.
- [Rothlauf 06] 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 & 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.
- [Rubio-Escudero 06] Cristina Rubio-Escudero, Rocío Romero-Zaliz, Oscar Cordon, Oscar Harari, Coral del Val & 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 & 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.
- [Sáez 06] Yago Sáez, Pedro Isasi, Javier Segovia & 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 & 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.
- [Santarosa 06] Ribamar Santarosa, Artemis Moroni & Jônatas Manzoli. *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 & 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.
- [Sastry 06] Kumara Sastry, Paul Winward, David E. Goldberg & 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 & 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.
- [Schmidt 06] Christian Schmidt, Jürgen Branke & 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 & 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.
- [Sekanina 06] Lukáš Sekanina & 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 & 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.
- [Shen 06] Shuhan Shen & 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 & 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.
- [Shin 06] Soo-Yong Shin, In-Hee Lee & 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 & 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.
- [Stojanovic 06] 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 & 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.
- [Stout 06] Michael Stout, Jaume Bacardit, Jonathan D. Hirst, Natalio Krasnogor & 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 & 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.
- [Terry 06] Michael A. Terry, Jonathan Marcus, Matthew Farrell, Varun Aggarwal & 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 & 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.
- [Tianzhu 06] Wang Tianzhu, Li Wenhui, Wang Yi, Ge Zihou & 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 & 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.
- [Tran 06] DangHung Tran, ThoHoan Pham, Kenji Satou & 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 & 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.
- [Urbano 06] 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 & 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.
- [Wedde 06] Horst F. Wedde, Constantin Timm & 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 & 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.
- [Wetcharaporn 06a] Wannasak Wetcharaporn, Nachol Chaiyaratana & 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 & 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.

- [Wetcharaporn 06b] Wannasak Wetcharaporn, Nachol Chaiyaratana & 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 & Hideyuki Takagi, editeurs, 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.
- [Xie 06] Huayang Xie, Mengjie Zhang & 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 & Hideyuki Takagi, editeurs, 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.
- [Yang 06] 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 & Hideyuki Takagi, editeurs, 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.
- [Zhang 06a] Mengjie Zhang & 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 & Hideyuki Takagi, editeurs, 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.
- [Zhang 06b] Xiangrong Zhang, Bin Lu, Shuiping Gou & 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 & Hideyuki Takagi, editeurs, 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.