

## Список литературы

- [1] Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H, eds. (2006) *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, LNCS (Springer Verlag, Budapest) Vol. 3907.
- [2] Bakir, B & Sezerman, O. U. (2006) *Functional Classification of G-Protein Coupled Receptors, Based on Their Specific Ligand Coupling Patterns*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 1–12.
- [3] Bolshakova, N, Azuaje, F, & Cunningham, P. (2006) *Incorporating biological domain knowledge into cluster validity assessment*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 13–22.
- [4] Danyi, K, Kókai, G, & Csontos, J. (2006) *A novel Mathematical Model for the Optimization of DNA-Chip Design and its Implementation*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 23–33.
- [5] Huerta, E. B, Duval, B, & Hao, J.-K. (2006) *A Hybrid GA/SVM Approach for Gene Selection and Classification of Microarray Data*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 34–44.
- [6] Kim, K.-Y, Cho, D.-Y, & Zhang, B.-T. (2006) *Multi-Stage Evolutionary Algorithms for Efficient Identification of Gene Regulatory Networks*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 45–56.
- [7] Kim, S & Zhang, B.-T. (2006) *Human Papillomavirus Risk Type Classification from Protein Sequences Using Support Vector Machines*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 57–66.
- [8] Mahata, P, Costa, W, Cotta, C, & Moscato, P. (2006) *Hierarchical Clustering, Languages and Cancer*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 67–78.
- [9] Marchiori, E, Jimenez, C. R, West-Nielsen, M, & Heegaard, N. H. H. (2006) *Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 79–90.
- [10] Meyer, P. E & Bontempi, G. (2006) *On the Use of Variable Complementarity for Feature Selection in Cancer Classification*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 91–102.
- [11] Motsinger, A. A, Dudek, S. M, Hahn, L. W, & Ritchie, M. D. (2006) *Comparison of Neural Network Optimization Approaches for Studies of Human Genetics*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 103–114.
- [12] Palacios, P, Pelta, D, & Blanco, A. (2006) *Obtaining Biclusters in Microarrays with Population-based Heuristics*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 115–126.

- [13] Porto, A. H. L & Barbosa, V. C. (2006) *Multiple Sequence Alignment Based on Set Covers*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 127–137.
- [14] Porto, A. H. L & Barbosa, V. C. (2006) *A Methodology for Determining Amino-Acid Substitution Matrices from Set Covers*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 138–148.
- [15] Rajapakse, M, Schmidt, B, & Brusic, V. (2006) *Multi-Objective Evolutionary Algorithm for Discovering Peptide Binding Motifs*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 149–158.
- [16] Romero-Zaliz, R, Rubio-Escudero, C, Cordón, O, Harari, O, del Val, C, & Zwir, I. (2006) *Mining Structural Databases: An Evolutionary Multi-Objective Conceptual Clustering Methodology*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 159–171.
- [17] Rubio-Escudero, C, Romero-Zaliz, R, Cordon, O, Harari, O, del Val, C, & Zwir, I. (2006) *Optimal Selection of Microarray Analysis Methods using a Conceptual Clustering Algorithm*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 172–183.
- [18] Shin, S.-Y, Lee, I.-H, & Zhang, B.-T. (2006) *Microarray Probe Design using  $\epsilon$ -Multi-Objective Evolutionary Algorithms with Thermodynamic Criteria*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 184–195.
- [19] Stojanovic, N. (2006) *An Algorithm for the Automated Verification of DNA Supercontig Assemblies*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 196–207.
- [20] Stout, M, Bacardit, J, Hirst, J. D, Krasnogor, N, & Blazewicz, J. (2006) *From HP Lattice Models to Real Proteins: coordination number prediction using Learning Classifier Systems*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 208–220.
- [21] Tran, D, Pham, T, Satou, K, & Ho, T. (2006) *Conditional Random Fields for Predicting and Analyzing Histone Occupancy, Acetylation and Methylation Areas in DNA Sequences*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 221–230.
- [22] Wetcharaporn, W, Chaiyaratana, N, & Tongsima, S. (2006) *DNA Fragment Assembly: An Ant Colony System Approach*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 231–242.
- [23] Wedde, H. F, Timm, C, & Farooq, M. (2006) *BeeHiveGuard: A Step Towards Secure Nature Inspired Routing Algorithms*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 243–254.

- [24] Luna, F, Nebro, A. J, Dorronsoro, B, Alba, E, Bouvry, P, & Hogue, L. (2006) *Optimal Broadcasting in Metropolitan MANETs Using Multiobjective Scatter Search*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 255–266.
- [25] Ohlídal, M, Jaroš, J, Schwarz, J, & Dvořák, V. (2006) *Evolutionary Design of OAB and AAB Communication Schedules for Interconnection Networks*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 267–278.
- [26] Comellas, F & Sapena, E. (2006) *A multiagent algorithm for graph partitioning*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 279–285.
- [27] Chen, C.-M, Jeng, B. C, Yang, C. R, & Lai, G. H. (2006) *Tracing Denial of Service Origin: Ant Colony Approach*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 286–295.
- [28] Kinane, A, Muresan, V, & O'Connor, N. (2006) *Optimisation of Constant Matrix Multiplication Operation Hardware Using a Genetic Algorithm*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 296–307.
- [29] Kühne, U & Drechsler, N. (2006) *Finding Compact BDDs Using Genetic Programming*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 308–319.
- [30] Logofatu, D & Drechsler, R. (2006) *Efficient Evolutionary Approaches for the Data Ordering Problem with Inversion*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 320–331.
- [31] Terry, M. A, Marcus, J, Farrell, M, Aggarwal, V, & O'Reilly, U.-M. (2006) *GRACE: Generative Robust Analog Circuit Exploration*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 332–343.
- [32] Sekanina, L & Vašíček, Z. (2006) *On the Practical Limits of the Evolutionary Digital Filter Design at the Gate Level*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 344–355.
- [33] Bocchi, L & Ballerini, L. (2006) *Image Space Colonization Algorithm*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 356–367.
- [34] Wetcharaporn, W, Chaiyaratana, N, & Huvanandana, S. (2006) *Enhancement of an Automatic Fingerprint Identification System Using a Genetic Algorithm and Genetic Programming*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 368–379.
- [35] Cho, U.-K, Hong, J.-H, & Cho, S.-B. (2006) *Evolutionary Singularity Filter Bank Optimization for Fingerprint Image Enhancement*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 380–390.

- [36] Cordella, L. P, De Stefano, C, Fontanella, F, & Marcelli, A. (2006) *Evolutionary Generation of Prototypes for a Learning Vector Quantization Classifier*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 391–402.
- [37] De Falco, I, Cioppa, A. D, & Tarantino, E. (2006) *Automatic Classification of Handsegmented Image Parts with Differential Evolution*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 403–414.
- [38] Li, R, Emmerich, M, Bovenkamp, E. G. P, Eggermont, J, Bäck, T, Dijkstra, J, & Reiber, J. H. C. (2006) *Mixed-Integer Evolution Strategies and their Application to Intravascular Ultrasound Image Analysis*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 415–426.
- [39] Olague, G & Puente, C. (2006) *The Honeybee Search Algorithm for Three-dimensional Reconstruction*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 427–437.
- [40] Óscar Pérez, Ángel Patricio, M, García, J, & Molina, J. M. (2006) *Improving the Segmentation Stage of a Pedestrian Tracking Video-based System by means of Evolution Strategies*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 438–449.
- [41] Tianzhu, W, Wenhui, L, Yi, W, Zihou, G, & Dongfeng, H. (2006) *An Adaptive Stochastic Collision Detection between Deformable Objects using Particle Swarm Optimization*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 450–459.
- [42] Xie, H, Zhang, M, & Andreae, P. (2006) *Genetic Programming for Automatic Stress Detection in Spoken English*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 460–471.
- [43] Zhang, M & Lett, M. (2006) *Localisation Fitness in GP for Object Detection*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 472–483.
- [44] Zhang, X, Lu, B, Gou, S, & Jiao, L. (2006) *Immune Multiobjective Optimization Algorithm for Unsupervised Feature Selection*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 484–494.
- [45] Archetti, F, Messina, E, Toscani, D, & Vanneschi, L. (2006) *Classifying and Counting Vehicles in Traffic Control Applications*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 495–499.
- [46] Azzini, A & Tettamanzi, A. G. B. (2006) *A Neural Evolutionary Classification Method for Brain-Wave Analysis*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 500–504.
- [47] Besson, P, Vesin, J.-M, Popovici, V, & Kunt, M. (2006) *Differential Evolution applied to a multimodal information theoretic optimization problem*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 505–509.

- [48] Cheran, S. C & Gargano, G. (2006) *Artificial Life Models in Lung CTs*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 510–514.
- [49] Krawiec, K. (2006) *Learning High-Level Visual Concepts using Attributed Primitives and Genetic Programming*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 515–519.
- [50] Legrand, P, Lutton, E, & Olague, G. (2006) *Evolutionary denoising based on an estimation of Hölder exponents with oscillations*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 520–524.
- [51] Shen, S & Chen, W. (2006) *Probability Evolutionary Algorithm Based Human Body Tracking*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 525–529.
- [52] Breukelaar, R, Emmerich, M, & Bäck, T. (2006) *On Interactive Evolution Strategies*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 530–541.
- [53] Sáez, Y, Isasi, P, Segovia, J, & Mochón, A. (2006) *An experimental comparative study for Interactive Evolutionary Computation problems*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 542–553.
- [54] Hong, C.-F, Yang, H.-F, Wang, L.-H, Lin, M.-H, Yang, P.-W, & Lin, G.-S. (2006) *Creating Chance by New Interactive Evolutionary Computation: Bipartite Graph Based Interactive Genetic Algorithm*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 554–564.
- [55] Hsu, F.-C & Hung, M.-H. (2006) *Practically Applying Interactive Genetic Algorithms to Customers’ Designs on a Customizable C2C Framework: Entrusting Select Operations to IGA Users*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 575–585.
- [56] Brintrup, A. M, Takagi, H, & Ramsden, J. (2006) *Evaluation of Sequential, Multi-objective, and Parallel Interactive Genetic Algorithms for Multi-objective Floor Plan Optimisation*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 586–598.
- [57] Collomosse, J. P. (2006) *Supervised genetic search for parameter selection in painterly rendering*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 599–610.
- [58] Greenfield, G. (2006) *Robot Paintings Evolved using Simulated Robots*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 611–621.
- [59] Urbano, P. (2006) *Consensual paintings*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 622–632.

- [60] Basa, T, Go, C. A, Yoo, K.-S, & Lee, W.-H. (2006) *Using Physiological Signals to Evolve Art*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 633–641.
- [61] Campolongo, G & Vena, S. (2006) *Science of Networks and Music: A New Approach on Musical Analysis and Creation*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 642–651.
- [62] Bown, O & Lexer, S. (2006) *Continuous-Time Recurrent Neural Networks for Generative and Interactive Musical Performance*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 652–663.
- [63] Gounaropoulos, A & Johnson, C. G. (2006) *Synthesising timbres and timbre-changes from adjectives/adverbs*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 664–675.
- [64] Hazan, A, Ramirez, R, Maestre, E, Perez, A, & Pertusa, A. (2006) *Modelling Expressive Performance: a Regression Tree Approach Based on Strongly Typed Genetic Programming*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 676–687.
- [65] Magnus, C. (2006) *Evolutionary Musique Concrète*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 688–695.
- [66] Martins, J. M & Miranda, E. R. (2006) *A Connectionist Architecture for the Evolution of Rhythms*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 696–706.
- [67] Henriques, N. A. C, Correia, N, Manzoli, J, Correia, L, & Chambel, T. (2006) *MovieGene: Evolutionary Video Production based on Genetic Algorithms and Cinematic Properties*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 707–711.
- [68] Hochreiter, R. (2006) *Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 712–716.
- [69] Khalifa, Y & Foster, R. (2006) *A Two-Stage Autonomous Evolutionary Music Composer*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 717–721.
- [70] Santarosa, R, Moroni, A, & Manzoli, J. (2006) *Layered Genetical Algorithms Evolving Into Musical Accompaniment Generation*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 722–726.
- [71] Basseur, M & Zitzler, E. (2006) *A Preliminary Study On Handling Uncertainty in Indicator-Based Multiobjective Optimization*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 727–739.

- [72] Sastry, K, Winward, P, Goldberg, D. E, & Lima, C. (2006) *Fluctuating Crosstalk as a Source of Deterministic Noise and its Effects on GA Scalability*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 740–751.
- [73] Schmidt, C, Branke, J, & Chick, S. E. (2006) *Integrating Techniques from Statistical Ranking into Evolutionary Algorithms*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 752–763.
- [74] Branke, J, Orbayı, M, & Şima Uyar. (2006) *The Role of Representations in Dynamic Knapsack Problems*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 764–775.
- [75] Rand, W & Riolo, R. (2006) *The Effect of Building Block Construction on the Behavior of the GA in Dynamic Environments: A Case Study Using the Shaky Ladder Hyperplane-Defined Functions*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 776–787.
- [76] Yang, S. (2006) *Associative Memory Scheme for Genetic Algorithms in Dynamic Environments*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 788–799.
- [77] Kobliha, M, Schwarz, J, & Očenášek, J. (2006) *Bayesian Optimization Algorithms for Dynamic Problems*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 800–804.
- [78] Neri, F, Cascella, G. L, Salvatore, N, Kononova, A. V, & Acciani, G. (2006) *Prudent-Daring vs Tolerant Survivor Selection Schemes in Control Design of Electric Drives*, LNCS eds. Rothlauf, F, Branke, J, Cagnoni, S, Costa, E, Cotta, C, Drechsler, R, Lutton, E, Machado, P, Moore, J. H, Romero, J, Smith, G. D, Squillero, G, & Takagi, H. (Springer Verlag, Budapest), Vol. 3907, pp. 805–810.