

## Список литературы

- [1] Rothlauf, F. et al., editors, *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, volume 3907 of *LNCS*, Budapest, 2006, Springer Verlag.
- [2] Bakir, B. and Sezerman, O. U., Functional classification of g-protein coupled receptors, based on their specific ligand coupling patterns, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 1–12, Budapest, 2006, Springer Verlag.
- [3] Bolshakova, N., Azuaje, F., and Cunningham, P., Incorporating biological domain knowledge into cluster validity assessment, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 13–22, Budapest, 2006, Springer Verlag.
- [4] Danyi, K., Kókai, G., and Csontos, J., A novel mathematical model for the optimization of DNA-chip design and its implementation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 23–33, Budapest, 2006, Springer Verlag.
- [5] Huerta, E. B., Duval, B., and Hao, J.-K., A hybrid GA/SVM approach for gene selection and classification of microarray data, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 34–44, Budapest, 2006, Springer Verlag.
- [6] Kim, K.-Y., Cho, D.-Y., and Zhang, B.-T., Multi-stage evolutionary algorithms for efficient identification of gene regulatory networks, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 45–56, Budapest, 2006, Springer Verlag.
- [7] Kim, S. and Zhang, B.-T., Human papillomavirus risk type classification from protein sequences using support vector machines, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 57–66, Budapest, 2006, Springer Verlag.
- [8] Mahata, P., Costa, W., Cotta, C., and Moscato, P., Hierarchical clustering, languages and cancer, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 67–78, Budapest, 2006, Springer Verlag.
- [9] Marchiori, E., Jimenez, C. R., West-Nielsen, M., and Heegaard, N. H. H., Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 79–90, Budapest, 2006, Springer Verlag.
- [10] Meyer, P. E. and Bontempi, G., On the use of variable complementarity for feature selection in cancer classification, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 91–102, Budapest, 2006, Springer Verlag.
- [11] Motsinger, A. A., Dudek, S. M., Hahn, L. W., and Ritchie, M. D., Comparison of neural network optimization approaches for studies of human genetics, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 103–114, Budapest, 2006, Springer Verlag.

- [12] Palacios, P., Pelta, D., and Blanco, A., Obtaining biclusters in microarrays with population-based heuristics, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 115–126, Budapest, 2006, Springer Verlag.
- [13] Porto, A. H. L. and Barbosa, V. C., Multiple sequence alignment based on set covers, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 127–137, Budapest, 2006, Springer Verlag.
- [14] Porto, A. H. L. and Barbosa, V. C., A methodology for determining amino-acid substitution matrices from set covers, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 138–148, Budapest, 2006, Springer Verlag.
- [15] Rajapakse, M., Schmidt, B., and Brusic, V., Multi-objective evolutionary algorithm for discovering peptide binding motifs, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 149–158, Budapest, 2006, Springer Verlag.
- [16] Romero-Zaliz, R. et al., Mining structural databases: An evolutionary multi-objective conceptual clustering methodology, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 159–171, Budapest, 2006, Springer Verlag.
- [17] Rubio-Escudero, C. et al., Optimal selection of microarray analysis methods using a conceptual clustering algorithm, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 172–183, Budapest, 2006, Springer Verlag.
- [18] Shin, S.-Y., Lee, I.-H., and Zhang, B.-T., Microarray probe design using  $\epsilon$ -multi-objective evolutionary algorithms with thermodynamic criteria, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 184–195, Budapest, 2006, Springer Verlag.
- [19] Stojanovic, N., An algorithm for the automated verification of DNA supercontig assemblies, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 196–207, Budapest, 2006, Springer Verlag.
- [20] Stout, M., Bacardit, J., Hirst, J. D., Krasnogor, N., and Blazewicz, J., From HP lattice models to real proteins: coordination number prediction using learning classifier systems, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 208–220, Budapest, 2006, Springer Verlag.
- [21] Tran, D., Pham, T., Satou, K., and Ho, T., Conditional random fields for predicting and analyzing histone occupancy, acetylation and methylation areas in DNA sequences, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 221–230, Budapest, 2006, Springer Verlag.
- [22] Wetcharaporn, W., Chaiyaratana, N., and Tongshima, S., DNA fragment assembly: An ant colony system approach, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 231–242, Budapest, 2006, Springer Verlag.
- [23] Wedde, H. F., Timm, C., and Farooq, M., Beehiveguard: A step towards secure nature inspired routing algorithms, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 243–254, Budapest, 2006, Springer Verlag.

- [24] Luna, F. et al., Optimal broadcasting in metropolitan MANETs using multiobjective scatter search, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 255–266, Budapest, 2006, Springer Verlag.
- [25] Ohlídal, M., Jaroš, J., Schwarz, J., and Dvořák, V., Evolutionary design of OAB and AAB communication schedules for interconnection networks, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 267–278, Budapest, 2006, Springer Verlag.
- [26] Comellas, F. and Sapena, E., A multiagent algorithm for graph partitioning, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 279–285, Budapest, 2006, Springer Verlag.
- [27] Chen, C.-M., Jeng, B. C., Yang, C. R., and Lai, G. H., Tracing denial of service origin: Ant colony approach, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 286–295, Budapest, 2006, Springer Verlag.
- [28] Kinane, A., Muresan, V., and O’Connor, N., Optimisation of constant matrix multiplication operation hardware using a genetic algorithm, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 296–307, Budapest, 2006, Springer Verlag.
- [29] Kühne, U. and Drechsler, N., Finding compact BDDs using genetic programming, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 308–319, Budapest, 2006, Springer Verlag.
- [30] Logofatu, D. and Drechsler, R., Efficient evolutionary approaches for the data ordering problem with inversion, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 320–331, Budapest, 2006, Springer Verlag.
- [31] Terry, M. A., Marcus, J., Farrell, M., Aggarwal, V., and O’Reilly, U.-M., GRACE: generative robust analog circuit exploration, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 332–343, Budapest, 2006, Springer Verlag.
- [32] Sekanina, L. and Vašíček, Z., On the practical limits of the evolutionary digital filter design at the gate level, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 344–355, Budapest, 2006, Springer Verlag.
- [33] Bocchi, L. and Ballerini, L., Image space colonization algorithm, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 356–367, Budapest, 2006, Springer Verlag.
- [34] Wetcharaporn, W., Chaiyaratana, N., and Huvanandana, S., Enhancement of an automatic fingerprint identification system using a genetic algorithm and genetic programming, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 368–379, Budapest, 2006, Springer Verlag.
- [35] Cho, U.-K., Hong, J.-H., and Cho, S.-B., Evolutionary singularity filter bank optimization for fingerprint image enhancement, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 380–390, Budapest, 2006, Springer Verlag.

- [36] Cordella, L. P., De Stefano, C., Fontanella, F., and Marcelli, A., Evolutionary generation of prototypes for a learning vector quantization classifier, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 391–402, Budapest, 2006, Springer Verlag.
- [37] De Falco, I., Cioppa, A. D., and Tarantino, E., Automatic classification of handsegmented image parts with differential evolution, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 403–414, Budapest, 2006, Springer Verlag.
- [38] Li, R. et al., Mixed-integer evolution strategies and their application to intravascular ultrasound image analysis, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 415–426, Budapest, 2006, Springer Verlag.
- [39] Olague, G. and Puente, C., The honeybee search algorithm for three-dimensional reconstruction, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 427–437, Budapest, 2006, Springer Verlag.
- [40] Óscar Pérez, Ángel Patricio, M., García, J., and Molina, J. M., Improving the segmentation stage of a pedestrian tracking video-based system by means of evolution strategies, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 438–449, Budapest, 2006, Springer Verlag.
- [41] Tianzhu, W., Wenhui, L., Yi, W., Zihou, G., and Dongfeng, H., An adaptive stochastic collision detection between deformable objects using particle swarm optimization, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 450–459, Budapest, 2006, Springer Verlag.
- [42] Xie, H., Zhang, M., and Andreae, P., Genetic programming for automatic stress detection in spoken english, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 460–471, Budapest, 2006, Springer Verlag.
- [43] Zhang, M. and Lett, M., Localisation fitness in GP for object detection, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 472–483, Budapest, 2006, Springer Verlag.
- [44] Zhang, X., Lu, B., Gou, S., and Jiao, L., Immune multiobjective optimization algorithm for unsupervised feature selection, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 484–494, Budapest, 2006, Springer Verlag.
- [45] Archetti, F., Messina, E., Toscani, D., and Vanneschi, L., Classifying and counting vehicles in traffic control applications, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 495–499, Budapest, 2006, Springer Verlag.
- [46] Azzini, A. and Tettamanzi, A. G. B., A neural evolutionary classification method for brain-wave analysis, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 500–504, Budapest, 2006, Springer Verlag.
- [47] Besson, P., Vesin, J.-M., Popovici, V., and Kunt, M., Differential evolution applied to a multimodal information theoretic optimization problem, in *Applications of Evolutionary*

- Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 505–509, Budapest, 2006, Springer Verlag.
- [48] Cheran, S. C. and Gargano, G., Artificial life models in lung CTs, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 510–514, Budapest, 2006, Springer Verlag.
  - [49] Krawiec, K., Learning high-level visual concepts using attributed primitives and genetic programming, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 515–519, Budapest, 2006, Springer Verlag.
  - [50] Legrand, P., Lutton, E., and Olague, G., Evolutionary denoising based on an estimation of hölder exponents with oscillations, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 520–524, Budapest, 2006, Springer Verlag.
  - [51] Shen, S. and Chen, W., Probability evolutionary algorithm based human body tracking, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 525–529, Budapest, 2006, Springer Verlag.
  - [52] Breukelaar, R., Emmerich, M., and Bäck, T., On interactive evolution strategies, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 530–541, Budapest, 2006, Springer Verlag.
  - [53] Sáez, Y., Isasi, P., Segovia, J., and Mochón, A., An experimental comparative study for interactive evolutionary computation problems, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 542–553, Budapest, 2006, Springer Verlag.
  - [54] Hong, C.-F. et al., Creating chance by new interactive evolutionary computation: Bipartite graph based interactive genetic algorithm, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 554–564, Budapest, 2006, Springer Verlag.
  - [55] Hsu, F.-C. and Hung, M.-H., Practically applying interactive genetic algorithms to customers’ designs on a customizable C2C framework: Entrusting select operations to IGA users, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 575–585, Budapest, 2006, Springer Verlag.
  - [56] Brintrup, A. M., Takagi, H., and Ramsden, J., Evaluation of sequential, multi-objective, and parallel interactive genetic algorithms for multi-objective floor plan optimisation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 586–598, Budapest, 2006, Springer Verlag.
  - [57] Collomosse, J. P., Supervised genetic search for parameter selection in painterly rendering, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 599–610, Budapest, 2006, Springer Verlag.
  - [58] Greenfield, G., Robot paintings evolved using simulated robots, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 611–621, Budapest, 2006, Springer Verlag.

- [59] Urbano, P., Consensual paintings, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 622–632, Budapest, 2006, Springer Verlag.
- [60] Basa, T., Go, C. A., Yoo, K.-S., and Lee, W.-H., Using physiological signals to evolve art, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 633–641, Budapest, 2006, Springer Verlag.
- [61] Campolongo, G. and Vena, S., Science of networks and music: A new approach on musical analysis and creation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 642–651, Budapest, 2006, Springer Verlag.
- [62] Bown, O. and Lexer, S., Continuous-time recurrent neural networks for generative and interactive musical performance, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 652–663, Budapest, 2006, Springer Verlag.
- [63] Gounaropoulos, A. and Johnson, C. G., Synthesising timbres and timbre-changes from adjectives/adverbs, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 664–675, Budapest, 2006, Springer Verlag.
- [64] Hazan, A., Ramirez, R., Maestre, E., Perez, A., and Pertusa, A., Modelling expressive performance: a regression tree approach based on strongly typed genetic programming, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 676–687, Budapest, 2006, Springer Verlag.
- [65] Magnus, C., Evolutionary musique concrète, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 688–695, Budapest, 2006, Springer Verlag.
- [66] Martins, J. M. and Miranda, E. R., A connectionist architecture for the evolution of rhythms, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 696–706, Budapest, 2006, Springer Verlag.
- [67] Henriques, N. A. C., Correia, N., Manzolli, J., Correia, L., and Chambel, T., Moviegene: Evolutionary video production based on genetic algorithms and cinematic properties, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 707–711, Budapest, 2006, Springer Verlag.
- [68] Hochreiter, R., Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 712–716, Budapest, 2006, Springer Verlag.
- [69] Khalifa, Y. and Foster, R., A two-stage autonomous evolutionary music composer, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 717–721, Budapest, 2006, Springer Verlag.
- [70] Santarosa, R., Moroni, A., and Manzolli, J., Layered genetical algorithms evolving into musical accompaniment generation, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 722–726, Budapest, 2006, Springer Verlag.

- [71] Basseur, M. and Zitzler, E., A preliminary study on handling uncertainty in indicator-based multiobjective optimization, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 727–739, Budapest, 2006, Springer Verlag.
- [72] Sastry, K., Winward, P., Goldberg, D. E., and Lima, C., Fluctuating crosstalk as a source of deterministic noise and its effects on GA scalability, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 740–751, Budapest, 2006, Springer Verlag.
- [73] Schmidt, C., Branke, J., and Chick, S. E., Integrating techniques from statistical ranking into evolutionary algorithms, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 752–763, Budapest, 2006, Springer Verlag.
- [74] Branke, J., Orbayı, M., and Şima Uyar, The role of representations in dynamic knapsack problems, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 764–775, Budapest, 2006, Springer Verlag.
- [75] Rand, W. and Riolo, R., 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 *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 776–787, Budapest, 2006, Springer Verlag.
- [76] Yang, S., Associative memory scheme for genetic algorithms in dynamic environments, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 788–799, Budapest, 2006, Springer Verlag.
- [77] Kobliha, M., Schwarz, J., and Očenášek, J., Bayesian optimization algorithms for dynamic problems, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 800–804, Budapest, 2006, Springer Verlag.
- [78] Neri, F., Cascella, G. L., Salvatore, N., Kononova, A. V., and Acciani, G., Prudent-daring vs tolerant survivor selection schemes in control design of electric drives, in *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, edited by Rothlauf, F. et al., volume 3907 of *LNCS*, pages 805–810, Budapest, 2006, Springer Verlag.