Список литературы

[1] *Aguilar-Ruiz, J. S.* Evolutionary Biclustering of Microarray Data / J. S. Aguilar-Ruiz, F. Divina // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 1–10.

[2] Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, Evo-HOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*, Lausanne, Switzerland, 2005. — 30 March-1 April. Springer Verlag. — Mode of access http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3449&spage=1.

[3] Assortative Mating in Genetic Algorithms for Dynamic Problems / G. Ochoa, C. Mädler-Kron, R. Rodriguez, K. Jaffe // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 617–622.

[4] Automatic Image Enhancement Driven by Evolution Based on Ridgelet Frame in the Presence of Noise / T. Shan, S. Wang, X. Zhang, L. Jiao // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 304–313.

[5] *Avigad, G.* MOEA-based Approach to Delayed Decisions for Robust Conceptual Design / G. Avigad, A. Moshaiov, N. Brauner // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 584–589.

[6] *Bidargaddi, N. P.* A Fuzzy Viterbi Algorithm for Improved Sequence Alignment and Searching of Proteins / N. P. Bidargaddi, M. Chetty, J. Kamruzzaman // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 11–21.

[7] *Blackwell, T.* Swarm Tech-tiles / T. Blackwell, J. Jefferies // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 468–477.

[8] *Blansché, A.* A Coevolutionary Approach for Clustering with Feature Weighting Application to Image Analysis / A. Blansché, P. Gançarski, J. J. Korczak // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 254–263.

[9] *Bleuler, S.* Order Preserving Clustering over Multiple Time Course Experiments / S. Bleuler, E. Zitzler // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 33–43.

[10] *Bocchi, L.* A new evolutionary algorithm for image segmentation / L. Bocchi, L. Ballerini, S. Hässler // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS.* — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 264–273.

[11] *Brown, A. R.* Exploring Rhythmic Automata / A. R. Brown // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 551–556.

[12] Can neural network constraints in GP provide power to detect genes associated with human disease? / W. S. Bush, A. A. Motsinger, S. M. Dudek, M. D. Ritchie // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 44–53.

[13] *Collomosse, J. P.* Genetic Paint: A Search for Salient Paintings / J. P. Collomosse, P. M. Hall // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 437–447.

[14] *Cutello, V.* A Class of Pareto Archived Evolution Strategy Algorithms using Immune inspired Operators for Ab-Initio Protein Structure Prediction / V. Cutello, G. Narzisi, G. Nicosia // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 54–63.

[15] *de Croon, G. C. H. E.* Sensory-motor Coordination in Gaze Control / G. C. H. E. de Croon, E. O. Postma, H. J. van den Herik // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 334–344.

[16] Design of Fast Multidimensional Filters Using Genetic Algorithms / M. Langer, B. Svensson, A. Brun et al. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 366–375.

[17] Developing Fitness Functions for Pleasant Music: Zipf's Law and Interactive Evolution Systems / B. Manaris, P. Machado, C. McCauley et al. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 498–507.

[18] Differential Evolution and Its Application to Metabolic Flux Analysis / J. Yang, S. Wongsa, V. Kadirkamanathan et al. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 115–124.

[19] *Dorin, A.* Artificial Life, Death and Epidemics in Evolutionary, Generative Electronic Art / A. Dorin // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 448–457.

[20] *Draves, S.* The Electric Sheep Screen-Saver: A Case Study in Aesthetic Evolution / S. Draves // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 458–467.

[21] *Dunn, E.* Automated Photogrammetric Network Design using the Parisian Approach / E. Dunn, G. Olague, E. Lutton // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke,

S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 356–365.

[22] *Eldridge, A. C.* Extra-Music(ologic)al Models for Algorithmic Composition / A. C. Eldridge // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 557–562.

[23] An Evolutionary Infection Algorithm for Dense Stereo Correspondence / C. B. Pérez, G. Olague, F. Fernandez, E. Lutton // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 294–303.

[24] Evolving Parameters of Surveillance Video Systems for Non-Overfitted Learning / Óscar Pérez, J. García, A. Berlanga, J. M. Molina // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 386–395.

[25] *Fang, L.* Unsupervised Anomaly Detection Based On An Evolutionary Artificial Immune Network / L. Fang, L. Le-Ping // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 166–174.

[26] GEMPLS: A New QSAR Method Combining Generic Evolutionary Method and Partial Least Squares / Y.-C. Chen, J.-M. Yang, C.-H. Tsai, C.-Y. Kao // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 125–135.

[27] Genes Related with Alzheimer's Disease: A Comparison of Evolutionary Search, Statistical and Integer Programming Approaches / P. Moscato, R. Berretta, M. Hourani et al. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 84–94.

[28] *Greenfield, G.* Evolutionary Methods for Ant Colony Paintings / G. Greenfield // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 478–487.

[29] A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems / F. Neri, A. V. Kononova, G. Delvecchio et al. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 610–616.

[30] *Karaman, A.* The Memory Indexing Evolutionary Algorithm for Dynamic Environments / A. Karaman, Şima Uyar, G. Eryiğit // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 563–573.

[31] *Karaoğlu, B.* Evolutionary Algorithms for Location Area Management / B. Karaoğlu, H. Topçuoğlu, F. Gürgen // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 175–184.

[32] *Krishna, A.* Neural networks and temporal gene expression data / A. Krishna, A. Narayanan, E. C. Keedwell // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, Evo-COMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 64–73.

[33] *Liu, H.* A Biological Development model for the Design of Robust Multiplier / H. Liu, J. F. Miller, A. M. Tyrrell // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, Evo-COMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 195–204.

[34] *Lutton, E.* An Interactive EA for Multifractal Bayesian Denoising / E. Lutton, P. Grenier, J. L. Ve-hel // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 274–283.

[35] *Madsen, S. T.* Evolutionary Search for Musical Parallelism / S. T. Madsen, G. Widmer // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 488–497.

[36] *Manetta, L.* Use of an evolutionary tool for antenna array synthesis / L. Manetta, L. Ollino, M. Schillaci // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOM-NET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 245–253.

[37] *Marchiori, E.* Bayesian learning with local support vector machines for cancer classification with gene expression data / E. Marchiori, M. Sebag // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 74–83.

[38] *McCormack, J.* Open Problems in Evolutionary Music and Art / J. McCormack // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 428–436.

[39] *McDermott, J.* Toward User-directed Evolution of Sound Synthesis Parameters / J. McDermott, N. J. L. Griffith, M. O'Neill // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 517–526.

[40] *Merkle, D.* Dynamic Decentralized Packet Clustering in Networks / D. Merkle, M. Middendorf, A. Scheidler // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOM-NET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 574–583.

[41] *Miranda, E. R.* Granular Sampling using a Pulse-Coupled Network of Spiking Neurons / E. R. Miranda, J. Matthias // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 539–544.

[42] *Mitchell, T. J.* Convergence Synthesis of Dynamic Frequency Modulation Tones Using an Evolution Strategy / T. J. Mitchell, A. G. Pipe // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by

F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 533–538.

[43] *Mumolo, E.* Genetic-Fuzzy Optimization Algorithm for Adaptive Learning of Human Vocalization in Robotics / E. Mumolo, M. Nolich, G. Scalamera // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 376–385.

[44] Object Detection for Computer Vision Using a Robust Genetic Algorithm / T. M. Centeno, H. S. Lopes, M. K. Felisberto, L. V. Ramos de Arruda // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 284–293.

[45] *Oltean, M.* Evolving reversible circuits for the even-parity problem / M. Oltean // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 225–234.

[46] *Parsopoulos, K. E.* Unified Particle Swarm Optimization in Dynamic Environments / K. E. Parsopoulos, M. N. Vrahatis // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 590–599.

[47] *Pulasinghe, K.* Syntactic Approach to Predict Membrane Spanning Regions of Transmembrane Proteins / K. Pulasinghe, J. C. Rajapakse // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 95–104.

[48] *Ramirez, R.* Understanding Expressive Music Performance Using Genetic Algorithms / R. Ramirez, A. Hazan // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 508–516.

[49] *Rand, W.* Shaky Ladders, Hyperplane-Defined Functions and Genetic Algorithms: Systematic Controlled Observation in Dynamic Environments / W. Rand, R. Riolo // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 600–609.

[50] Region Merging for Severe Oversegmented Images using a Hierarchical Social Metaheuristic / A. Duarte, Á. Sánchez, F. Fernández, A. Sanz // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 345–355.

[51] *Reichelt, D.* A Study of an Iterated Local Search on the Reliable Communication Networks Design Problem / D. Reichelt, P. Gmilkowsky, S. Linser // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 156–165.

[52] *Roberts, M. E.* A Multistage Approach To Cooperatively Coevolving Feature Construction and Object Detection / M. E. Roberts, E. Claridge // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 396–406.

[53] *Rocco S., C. M.* A Hybrid Approach based on Evolutionary Strategies and Interval Arithmetic to perform Robust Designs / C. M. Rocco S. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 623–628.

[54] *Sanchez, E.* Automatic completion and refinement of verification sets for microprocessor cores / E. Sanchez, M. S. Reorda, G. Squillero // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 205–214.

[55] *Scheuermann, B.* Counter-based Ant Colony Optimization as a Hardware-oriented Meta-Heuristic / B. Scheuermann, M. Middendorf // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 235–244.

[56] *Sekanina, L.* Evolutionary Design of Gate-Level Polymorphic Digital Circuits / L. Sekanina // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 185–194.

[57] Selective SVMs Ensemble Driven by Immune Clonal Algorithm / X. Zhang, S. Wang, T. Shan, L. Jiao // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 325–333.

[58] *Smith, S. L.* An Implicit Context Representation for Evolving Image Processing Filters / S. L. Smith, S. Leggett, A. M. Tyrrell // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 407–416.

[59] Tabu search method for determining sequences of amino acids in long polypeptides / J. Błażewicz, M. Borowski, P. Formanowicz, M. Stobiecki // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 22–32.

[60] *Tang, M.* A Genetic Algorithm for VLSI Floorplanning Using O-Tree Representation / M. Tang, A. Sebastian // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 215–224.

[61] *Torres D., D. E.* Empirical Models Based on Hybrid Intelligent Systems for Assessing the Reliability of Complex Networks / D. E. Torres D., C. M. Rocco S. // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 147–155.

[62] *Tsunoda, D. F.* An evolutionary approach for motif discovery and transmembrane protein classification / D. F. Tsunoda, H. S. Lopes, A. A. Freitas // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 105–114.

[63] *Urbano, P.* Playing in the Pheromone Playground: Experiences in Swarm Painting / P. Urbano // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 527–532.

[64] *Vanyi, R.* Practical Evaluation of Efficient Fitness Functions for Binary Images / R. Vanyi // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 314–324.

[65] *Wedde, H. F.* A Performance Evaluation Framework for Nature Inspired Routing Algorithms / H. F. Wedde, M. Farooq // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 136–146.

[66] *Worth, P.* Growing Music: musical interpretations of L-Systems / P. Worth, S. Stepney // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 545–550.

[67] *Zhang, M.* Learning Weights in Genetic Programs Using Gradient Descent for Object Recognition / M. Zhang, W. Smart // Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC / ed. by F. Rothlauf, J. Branke, S. Cagnoni et al. — V. 3449 of *LNCS*. — Lausanne, Switzerland : Springer Verlag, 2005. — 30 March-1 April. — P. 417–427.