

Список литературы

- [Agui 05] J. S. Aguilar-Ruiz and F. Divina. “Evolutionary Biclustering of Microarray Data”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 1–10, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Avig 05] G. Avigad, A. Moshaiov, and N. Brauner. “MOEA-based Approach to Delayed Decisions for Robust Conceptual Design”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 584–589, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Bida 05] N. P. Bidargaddi, M. Chetty, and J. Kamruzzaman. “A Fuzzy Viterbi Algorithm for Improved Sequence Alignment and Searching of Proteins”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 11–21, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Bl a 05] J. Błażewicz, M. Borowski, P. Formanowicz, and M. Stobiecki. “Tabu search method for determining sequences of amino acids in long polypeptides”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 22–32, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Blac 05] T. Blackwell and J. Jefferies. “Swarm Tech-tiles”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 468–477, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Blan 05] A. Blansch , P. Ga arski, and J. J. Korczak. “A Coevolutionary Approach for Clustering with Feature Weighting Application to Image Analysis”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 254–263, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Bleu 05] S. Bleuler and E. Zitzler. “Order Preserving Clustering over Multiple Time Course Experiments”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 33–43, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Bocc 05] L. Bocchi, L. Ballerini, and S. H ssler. “A new evolutionary algorithm for image segmentation”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 264–273, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [Brow 05] A. R. Brown. “Exploring Rhythmic Automata”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 551–556, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Bush 05] W. S. Bush, A. A. Motsinger, S. M. Dudek, and M. D. Ritchie. “Can neural network constraints in GP provide power to detect genes associated with human disease?”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 44–53, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Cent 05] T. M. Centeno, H. S. Lopes, M. K. Felisberto, and L. V. Ramos de Arruda. “Object Detection for Computer Vision Using a Robust Genetic Algorithm”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 284–293, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Chen 05] Y.-C. Chen, J.-M. Yang, C.-H. Tsai, and C.-Y. Kao. “GEMPLS: A New QSAR Method Combining Generic Evolutionary Method and Partial Least Squares”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 125–135, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Coll 05] J. P. Collomosse and P. M. Hall. “Genetic Paint: A Search for Salient Paintings”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 437–447, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Cute 05] V. Cutello, G. Narzisi, and G. Nicosia. “A Class of Pareto Archived Evolution Strategy Algorithms using Immune inspired Operators for Ab-Initio Protein Structure Prediction”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 54–63, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [de C 05] G. C. H. E. de Croon, E. O. Postma, and H. J. van den Herik. “Sensory-motor Coordination in Gaze Control”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 334–344, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Dori 05] A. Dorin. “Artificial Life, Death and Epidemics in Evolutionary, Generative Electronic Art”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 448–457, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [Drav 05] S. Draves. “The Electric Sheep Screen-Saver: A Case Study in Aesthetic Evolution”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 458–467, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Duar 05] A. Duarte, Á. Sánchez, F. Fernández, and A. Sanz. “Region Merging for Severe Oversegmented Images using a Hierarchical Social Metaheuristic”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 345–355, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Dunn 05] E. Dunn, G. Olague, and E. Lutton. “Automated Photogrammetric Network Design using the Parisian Approach”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 356–365, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Eldr 05] A. C. Eldridge. “Extra-Music(ologic)al Models for Algorithmic Composition”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 557–562, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Fang 05] L. Fang and L. Le-Ping. “Unsupervised Anomaly Detection Based On An Evolutionary Artificial Immune Network”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 166–174, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Gree 05] G. Greenfield. “Evolutionary Methods for Ant Colony Paintings”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 478–487, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Kara 05a] A. Karaman, Şima Uyar, and G. Eryiğit. “The Memory Indexing Evolutionary Algorithm for Dynamic Environments”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 563–573, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Kara 05b] B. Karaoğlu, H. Topçuoğlu, and F. Gürgen. “Evolutionary Algorithms for Location Area Management”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 175–184, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Kris 05] A. Krishna, A. Narayanan, and E. C. Keedwell. “Neural networks and temporal gene expression data”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler,

- Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 64–73, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Lang 05] M. Langer, B. Svensson, A. Brun, M. Andersson, and H. Knutsson. “Design of Fast Multidimensional Filters Using Genetic Algorithms”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 366–375, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Liu 05] H. Liu, J. F. Miller, and A. M. Tyrrell. “A Biological Development model for the Design of Robust Multiplier”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 195–204, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Lutt 05] E. Lutton, P. Grenier, and J. L. Vehel. “An Interactive EA for Multifractal Bayesian Denoising”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 274–283, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mads 05] S. T. Madsen and G. Widmer. “Evolutionary Search for Musical Parallelism”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 488–497, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mana 05] B. Manaris, P. Machado, C. McCauley, J. Romero, and D. Krehbiel. “Developing Fitness Functions for Pleasant Music: Zipf’s Law and Interactive Evolution Systems”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 498–507, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mane 05] L. Manetta, L. Ollino, and M. Schillaci. “Use of an evolutionary tool for antenna array synthesis”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 245–253, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Marc 05] E. Marchiori and M. Sebag. “Bayesian learning with local support vector machines for cancer classification with gene expression data”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 74–83, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [McCo 05] J. McCormack. “Open Problems in Evolutionary Music and Art”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications*

of *Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 428–436, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [McDe 05] J. McDermott, N. J. L. Griffith, and M. O'Neill. "Toward User-directed Evolution of Sound Synthesis Parameters". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 517–526, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Merk 05] D. Merkle, M. Middendorf, and A. Scheidler. "Dynamic Decentralized Packet Clustering in Networks". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 574–583, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mira 05] E. R. Miranda and J. Matthias. "Granular Sampling using a Pulse-Coupled Network of Spiking Neurons". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 539–544, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mitc 05] T. J. Mitchell and A. G. Pipe. "Convergence Synthesis of Dynamic Frequency Modulation Tones Using an Evolution Strategy". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 533–538, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mosc 05] P. Moscato, R. Berretta, M. Hourani, A. Mendes, and C. Cotta. "Genes Related with Alzheimer's Disease: A Comparison of Evolutionary Search, Statistical and Integer Programming Approaches". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 84–94, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Mumo 05] E. Mumolo, M. Nolich, and G. Scalamera. "Genetic-Fuzzy Optimization Algorithm for Adaptive Learning of Human Vocalization in Robotics". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 376–385, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Neri 05] F. Neri, A. V. Kononova, G. Delvecchio, M. S. Labini, and A. V. Uglanov. "A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 610–616, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Ocho 05] G. Ochoa, C. Madler-Kron, R. Rodriguez, and K. Jaffe. "Assortative Mating in Genetic Algorithms for Dynamic Problems". In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and

- G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 617–622, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Olte 05] M. Oltean. “Evolving reversible circuits for the even-parity problem”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 225–234, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Pars 05] K. E. Parsopoulos and M. N. Vrahatis. “Unified Particle Swarm Optimization in Dynamic Environments”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 590–599, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Pere 05a] Óscar Pérez, J. García, A. Berlanga, and J. M. Molina. “Evolving Parameters of Surveillance Video Systems for Non-Overfitted Learning”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 386–395, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Pere 05b] C. B. Pérez, G. Olague, F. Fernandez, and E. Lutton. “An Evolutionary Infection Algorithm for Dense Stereo Correspondence”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 294–303, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Pula 05] K. Pulasinghe and J. C. Rajapakse. “Syntactic Approach to Predict Membrane Spanning Regions of Transmembrane Proteins”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 95–104, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Rami 05] R. Ramirez and A. Hazan. “Understanding Expressive Music Performance Using Genetic Algorithms”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 508–516, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Rand 05] W. Rand and R. Riolo. “Shaky Ladders, Hyperplane-Defined Functions and Genetic Algorithms: Systematic Controlled Observation in Dynamic Environments”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 600–609, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Reic 05] D. Reichelt, P. Gmilkowsky, and S. Linser. “A Study of an Iterated Local Search on the Reliable Communication Networks Design Problem”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications*

of *Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 156–165, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [Robe 05] M. E. Roberts and E. Claridge. “A Multistage Approach To Cooperatively Coevolving Feature Construction and Object Detection”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 396–406, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Rocc 05] C. M. Rocco S. “A Hybrid Approach based on Evolutionary Strategies and Interval Arithmetic to perform Robust Designs”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 623–628, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Roth 05] F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds. *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Sanc 05] E. Sanchez, M. S. Reorda, and G. Squillero. “Automatic completion and refinement of verification sets for microprocessor cores”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 205–214, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Sche 05] B. Scheuermann and M. Middendorf. “Counter-based Ant Colony Optimization as a Hardware-oriented Meta-Heuristic”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 235–244, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Seka 05] L. Sekanina. “Evolutionary Design of Gate-Level Polymorphic Digital Circuits”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 185–194, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Shan 05] T. Shan, S. Wang, X. Zhang, and L. Jiao. “Automatic Image Enhancement Driven by Evolution Based on Ridgelet Frame in the Presence of Noise”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 304–313, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Smit 05] S. L. Smith, S. Leggett, and A. M. Tyrrell. “An Implicit Context Representation for Evolving Image Processing Filters”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 407–416, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [Tang 05] M. Tang and A. Sebastian. “A Genetic Algorithm for VLSI Floorplanning Using O-Tree Representation”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 215–224, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Torr 05] D. E. Torres D. and C. M. Rocco S. “Empirical Models Based on Hybrid Intelligent Systems for Assessing the Reliability of Complex Networks”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 147–155, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Tsun 05] D. F. Tsunoda, H. S. Lopes, and A. A. Freitas. “An evolutionary approach for motif discovery and transmembrane protein classification”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 105–114, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Urba 05] P. Urbano. “Playing in the Pheromone Playground: Experiences in Swarm Painting”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 527–532, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Vany 05] R. Vanyi. “Practical Evaluation of Efficient Fitness Functions for Binary Images”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 314–324, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Wedd 05] H. F. Wedde and M. Farooq. “A Performance Evaluation Framework for Nature Inspired Routing Algorithms”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 136–146, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Wort 05] P. Worth and S. Stepney. “Growing Music: musical interpretations of L-Systems”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 545–550, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Yang 05] J. Yang, S. Wongs, V. Kadiramanathan, S. A. Billings, and P. C. Wright. “Differential Evolution and Its Application to Metabolic Flux Analysis”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 115–124, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.
- [Zhan 05a] M. Zhang and W. Smart. “Learning Weights in Genetic Programs Using Gradient Descent for Object Recognition”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler,

Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 417–427, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.

- [Zhan 05b] X. Zhang, S. Wang, T. Shan, and L. Jiao. “Selective SVMs Ensemble Driven by Immune Clonal Algorithm”. In: F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, and G. Squillero, Eds., *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC*, pp. 325–333, Springer Verlag, Lausanne, Switzerland, 30 March-1 April 2005.