Список литературы

- [1] Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.). 2005 Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS. Lausanne, Switzerland: Springer Verlag. (doi:doi:10.1007/b106856).
- [2] Aguilar-Ruiz JS, Divina F. 2005 Evolutionary biclustering of microarray data. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 1–10. Lausanne, Switzerland: Springer Verlag.
- [3] Bidargaddi NP, Chetty M, Kamruzzaman J. 2005 A fuzzy viterbi algorithm for improved sequence alignment and searching of proteins. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 11–21. Lausanne, Switzerland: Springer Verlag.
- [4] Błażewicz J, Borowski M, Formanowicz P, Stobiecki M. 2005 Tabu search method for determining sequences of amino acids in long polypeptides. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 22–32. Lausanne, Switzerland: Springer Verlag.
- [5] Bleuler S, Zitzler E. 2005 Order preserving clustering over multiple time course experiments. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 33–43. Lausanne, Switzerland: Springer Verlag.
- [6] Bush WS, Motsinger AA, Dudek SM, Ritchie MD. 2005 Can neural network constraints in gp provide power to detect genes associated with human disease? In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 44–53. Lausanne, Switzerland: Springer Verlag.
- [7] Cutello V, Narzisi G, Nicosia G. 2005 A class of pareto archived evolution strategy algorithms using immune inspired operators for ab-initio protein structure prediction. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 54–63. Lausanne, Switzerland: Springer Verlag.
- [8] Krishna A, Narayanan A, Keedwell EC. 2005 Neural networks and temporal gene expression data. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 64–73. Lausanne, Switzerland: Springer Verlag.
- [9] Marchiori E, Sebag M. 2005 Bayesian learning with local support vector machines for cancer classification with gene expression data. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 74–83. Lausanne, Switzerland: Springer Verlag.
- [10] Moscato P, Berretta R, Hourani M, Mendes A, Cotta C. 2005 Genes related with alzheimer's disease: A comparison of evolutionary search, statistical and integer programming approaches. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E,

- Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 84–94. Lausanne, Switzerland: Springer Verlag.
- [11] Pulasinghe K, Rajapakse JC. 2005 Syntactic approach to predict membrane spanning regions of transmembrane proteins. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 95–104. Lausanne, Switzerland: Springer Verlag.
- [12] Tsunoda DF, Lopes HS, Freitas AA. 2005 An evolutionary approach for motif discovery and transmembrane protein classification. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 105–114. Lausanne, Switzerland: Springer Verlag.
- [13] Yang J, Wongsa S, Kadirkamanathan V, Billings SA, Wright PC. 2005 Differential evolution and its application to metabolic flux analysis. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 115–124. Lausanne, Switzerland: Springer Verlag.
- [14] Chen YC, Yang JM, Tsai CH, Kao CY. 2005 Gempls: A new qsar method combining generic evolutionary method and partial least squares. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 125–135. Lausanne, Switzerland: Springer Verlag.
- [15] Wedde HF, Farooq M. 2005 A performance evaluation framework for nature inspired routing algorithms. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 136–146. Lausanne, Switzerland: Springer Verlag.
- [16] Torres D DE, Rocco S CM. 2005 Empirical models based on hybrid intelligent systems for assessing the reliability of complex networks. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 147–155. Lausanne, Switzerland: Springer Verlag.
- [17] Reichelt D, Gmilkowsky P, Linser S. 2005 A study of an iterated local search on the reliable communication networks design problem. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 156–165. Lausanne, Switzerland: Springer Verlag.
- [18] Fang L, Le-Ping L. 2005 Unsupervised anomaly detection based on an evolutionary artificial immune network. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 166–174. Lausanne, Switzerland: Springer Verlag.
- [19] Karaoğlu B, Topçuoğlu H, Gürgen F. 2005 Evolutionary algorithms for location area management. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 175–184. Lausanne, Switzerland: Springer Verlag.

- [20] Sekanina L. 2005 Evolutionary design of gate-level polymorphic digital circuits. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 185–194. Lausanne, Switzerland: Springer Verlag.
- [21] Liu H, Miller JF, Tyrrell AM. 2005 A biological development model for the design of robust multiplier. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 195–204. Lausanne, Switzerland: Springer Verlag.
- [22] Sanchez E, Reorda MS, Squillero G. 2005 Automatic completion and refinement of verification sets for microprocessor cores. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 205–214. Lausanne, Switzerland: Springer Verlag.
- [23] Tang M, Sebastian A. 2005 A genetic algorithm for vlsi floorplanning using o-tree representation. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 215–224. Lausanne, Switzerland: Springer Verlag.
- [24] Oltean M. 2005 Evolving reversible circuits for the even-parity problem. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 225–234. Lausanne, Switzerland: Springer Verlag.
- [25] Scheuermann B, Middendorf M. 2005 Counter-based ant colony optimization as a hardware-oriented meta-heuristic. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 235–244. Lausanne, Switzerland: Springer Verlag.
- [26] Manetta L, Ollino L, Schillaci M. 2005 Use of an evolutionary tool for antenna array synthesis. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 245–253. Lausanne, Switzerland: Springer Verlag.
- [27] Blansché A, Gançarski P, Korczak JJ. 2005 A coevolutionary approach for clustering with feature weighting application to image analysis. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 254–263. Lausanne, Switzerland: Springer Verlag.
- [28] Bocchi L, Ballerini L, Hässler S. 2005 A new evolutionary algorithm for image segmentation. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 264–273. Lausanne, Switzerland: Springer Verlag.
- [29] Lutton E, Grenier P, Vehel JL. 2005 An interactive ea for multifractal bayesian denoising. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 274–283. Lausanne, Switzerland: Springer Verlag.

- [30] Centeno TM, Lopes HS, Felisberto MK, Ramos de Arruda LV. 2005 Object detection for computer vision using a robust genetic algorithm. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 284–293. Lausanne, Switzerland: Springer Verlag.
- [31] Pérez CB, Olague G, Fernandez F, Lutton E. 2005 An evolutionary infection algorithm for dense stereo correspondence. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 294–303. Lausanne, Switzerland: Springer Verlag.
- [32] Shan T, Wang S, Zhang X, Jiao L. 2005 Automatic image enhancement driven by evolution based on ridgelet frame in the presence of noise. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 304–313. Lausanne, Switzerland: Springer Verlag.
- [33] Vanyi R. 2005 Practical evaluation of efficient fitness functions for binary images. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 314–324. Lausanne, Switzerland: Springer Verlag.
- [34] Zhang X, Wang S, Shan T, Jiao L. 2005 Selective svms ensemble driven by immune clonal algorithm. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 325–333. Lausanne, Switzerland: Springer Verlag.
- [35] de Croon GCHE, Postma EO, van den Herik HJ. 2005 Sensory-motor coordination in gaze control. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 334–344. Lausanne, Switzerland: Springer Verlag.
- [36] Duarte A, Sánchez Á, Fernández F, Sanz A. 2005 Region merging for severe oversegmented images using a hierarchical social metaheuristic. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 345–355. Lausanne, Switzerland: Springer Verlag.
- [37] Dunn E, Olague G, Lutton E. 2005 Automated photogrammetric network design using the parisian approach. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 356–365. Lausanne, Switzerland: Springer Verlag.
- [38] Langer M, Svensson B, Brun A, Andersson M, Knutsson H. 2005 Design of fast multidimensional filters using genetic algorithms. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 366–375. Lausanne, Switzerland: Springer Verlag.
- [39] Mumolo E, Nolich M, Scalamera G. 2005 Genetic-fuzzy optimization algorithm for adaptive learning of human vocalization in robotics. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications

- of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 376–385. Lausanne, Switzerland: Springer Verlag.
- [40] Óscar Pérez, García J, Berlanga A, Molina JM. 2005 Evolving parameters of surveillance video systems for non-overfitted learning. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 386–395. Lausanne, Switzerland: Springer Verlag.
- [41] Roberts ME, Claridge E. 2005 A multistage approach to cooperatively coevolving feature construction and object detection. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 396–406. Lausanne, Switzerland: Springer Verlag.
- [42] Smith SL, Leggett S, Tyrrell AM. 2005 An implicit context representation for evolving image processing filters. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 407–416. Lausanne, Switzerland: Springer Verlag.
- [43] Zhang M, Smart W. 2005 Learning weights in genetic programs using gradient descent for object recognition. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 417–427. Lausanne, Switzerland: Springer Verlag.
- [44] McCormack J. 2005 Open problems in evolutionary music and art. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 428–436. Lausanne, Switzerland: Springer Verlag.
- [45] Collomosse JP, Hall PM. 2005 Genetic paint: A search for salient paintings. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 437–447. Lausanne, Switzerland: Springer Verlag.
- [46] Dorin A. 2005 Artificial life, death and epidemics in evolutionary, generative electronic art. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 448–457. Lausanne, Switzerland: Springer Verlag.
- [47] Draves S. 2005 The electric sheep screen-saver: A case study in aesthetic evolution. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 458–467. Lausanne, Switzerland: Springer Verlag.
- [48] Blackwell T, Jefferies J. 2005 Swarm tech-tiles. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 468–477. Lausanne, Switzerland: Springer Verlag.
- [49] Greenfield G. 2005 Evolutionary methods for ant colony paintings. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al.

- (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 478–487. Lausanne, Switzerland: Springer Verlag.
- [50] Madsen ST, Widmer G. 2005 Evolutionary search for musical parallelism. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 488–497. Lausanne, Switzerland: Springer Verlag.
- [51] Manaris B, Machado P, McCauley C, Romero J, Krehbiel D. 2005 Developing fitness functions for pleasant music: Zipf's law and interactive evolution systems. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 498–507. Lausanne, Switzerland: Springer Verlag.
- [52] Ramirez R, Hazan A. 2005 Understanding expressive music performance using genetic algorithms. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 508–516. Lausanne, Switzerland: Springer Verlag.
- [53] McDermott J, Griffith NJL, O'Neill M. 2005 Toward user-directed evolution of sound synthesis parameters. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 517–526. Lausanne, Switzerland: Springer Verlag.
- [54] Urbano P. 2005 Playing in the pheromone playground: Experiences in swarm painting. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 527–532. Lausanne, Switzerland: Springer Verlag.
- [55] Mitchell TJ, Pipe AG. 2005 Convergence synthesis of dynamic frequency modulation tones using an evolution strategy. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 533–538. Lausanne, Switzerland: Springer Verlag.
- [56] Miranda ER, Matthias J. 2005 Granular sampling using a pulse-coupled network of spiking neurons. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 539–544. Lausanne, Switzerland: Springer Verlag.
- [57] Worth P, Stepney S. 2005 Growing music: musical interpretations of l-systems. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 545–550. Lausanne, Switzerland: Springer Verlag.
- [58] Brown AR. 2005 Exploring rhythmic automata. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 551–556. Lausanne, Switzerland: Springer Verlag.

- [59] Eldridge AC. 2005 Extra-music(ologic)al models for algorithmic composition. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 557–562. Lausanne, Switzerland: Springer Verlag.
- [60] Karaman A, Şima Uyar, Eryiğit G. 2005 The memory indexing evolutionary algorithm for dynamic environments. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 563–573. Lausanne, Switzerland: Springer Verlag.
- [61] Merkle D, Middendorf M, Scheidler A. 2005 Dynamic decentralized packet clustering in networks. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 574–583. Lausanne, Switzerland: Springer Verlag.
- [62] Avigad G, Moshaiov A, Brauner N. 2005 Moea-based approach to delayed decisions for robust conceptual design. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 584–589. Lausanne, Switzerland: Springer Verlag.
- [63] Parsopoulos KE, Vrahatis MN. 2005 Unified particle swarm optimization in dynamic environments. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 590–599. Lausanne, Switzerland: Springer Verlag.
- [64] Rand W, Riolo R. 2005 Shaky ladders, hyperplane-defined functions and genetic algorithms: Systematic controlled observation in dynamic environments. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 600-609. Lausanne, Switzerland: Springer Verlag.
- [65] Neri F, Kononova AV, Delvecchio G, Labini MS, Uglanov AV. 2005 A hierarchical evolutionary algorithm with noisy fitness in structural optimization problems. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 610–616. Lausanne, Switzerland: Springer Verlag.
- [66] Ochoa G, Mädler-Kron C, Rodriguez R, Jaffe K. 2005 Assortative mating in genetic algorithms for dynamic problems. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 617–622. Lausanne, Switzerland: Springer Verlag.
- [67] Rocco S CM. 2005 A hybrid approach based on evolutionary strategies and interval arithmetic to perform robust designs. In: Rothlauf F, Branke J, Cagnoni S, Corne DW, Drechsler R, Jin Y, Machado P, Marchiori E, Romero J, Smith GD, et al. (eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS, pp. 623–628. Lausanne, Switzerland: Springer Verlag.