Список литературы

- [Aguilar-Ruiz and Divina, 2005] Aguilar-Ruiz, J. S. and Divina, F. (2005). "Evolutionary Biclustering of Microarray Data". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 1–10, Lausanne, Switzerland. Springer Verlag.
- [Avigad et al., 2005] Avigad, G.; Moshaiov, A.; and Brauner, N. (2005). "MOEA-based Approach to Delayed Decisions for Robust Conceptual Design". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 584–589, Lausanne, Switzerland. Springer Verlag.
- [Bidargaddi et al., 2005] Bidargaddi, N. P.; Chetty, M.; and Kamruzzaman, J. (2005). "A Fuzzy Viterbi Algorithm for Improved Sequence Alignment and Searching of Proteins". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 11–21, Lausanne, Switzerland. Springer Verlag.
- [Błażewicz et al., 2005] Błażewicz, J.; Borowski, M.; Formanowicz, P.; and Stobiecki, M. (2005). "Tabu search method for determining sequences of amino acids in long polypeptides". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 22–32, Lausanne, Switzerland. Springer Verlag.
- [Blackwell and Jefferies, 2005] Blackwell, T. and Jefferies, J. (2005). "Swarm Tech-tiles". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 468–477, Lausanne, Switzerland. Springer Verlag.
- [Blansché et al., 2005] Blansché, A.; Gançarski, P.; and Korczak, J. J. (2005). "A Coevolutionary Approach for Clustering with Feature Weighting Application to Image Analysis". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 254–263, Lausanne, Switzerland. Springer Verlag.
- [Bleuler and Zitzler, 2005] Bleuler, S. and Zitzler, E. (2005). "Order Preserving Clustering over Multiple Time Course Experiments". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 33–43, Lausanne, Switzerland. Springer Verlag.
- [Bocchi et al., 2005] Bocchi, L.; Ballerini, L.; and Hässler, S. (2005). "A new evolutionary algorithm for image segmentation". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 264–273, Lausanne, Switzerland. Springer Verlag.
- [Brown, 2005] Brown, A. R. (2005). "Exploring Rhythmic Automata". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, *Applications of Evolutionary Computing, EvoWorkshops2005*:

- EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 551–556, Lausanne, Switzerland. Springer Verlag.
- [Bush et al., 2005] Bush, W. S.; Motsinger, A. A.; Dudek, S. M.; and Ritchie, M. D. (2005). "Can neural network constraints in GP provide power to detect genes associated with human disease?". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 44–53, Lausanne, Switzerland. Springer Verlag.
- [Centeno et al., 2005] Centeno, T. M.; Lopes, H. S.; Felisberto, M. K.; and Ramos de Arruda, L. V. (2005). "Object Detection for Computer Vision Using a Robust Genetic Algorithm". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 284–293, Lausanne, Switzerland. Springer Verlag.
- [Chen et al., 2005] Chen, Y.-C.; Yang, J.-M.; Tsai, C.-H.; and Kao, C.-Y. (2005). "GEMPLS: A New QSAR Method Combining Generic Evolutionary Method and Partial Least Squares". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 125–135, Lausanne, Switzerland. Springer Verlag.
- [Collomosse and Hall, 2005] Collomosse, J. P. and Hall, P. M. (2005). "Genetic Paint: A Search for Salient Paintings". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 437–447, Lausanne, Switzerland. Springer Verlag.
- [Cutello et al., 2005] Cutello, V.; Narzisi, G.; and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 54–63, Lausanne, Switzerland. Springer Verlag.
- [de Croon et al., 2005] de Croon, G. C. H. E.; Postma, E. O.; and van den Herik, H. J. (2005). "Sensory-motor Coordination in Gaze Control". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 334–344, Lausanne, Switzerland. Springer Verlag.
- [Dorin, 2005] Dorin, A. (2005). "Artificial Life, Death and Epidemics in Evolutionary, Generative Electronic Art". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 448–457, Lausanne, Switzerland. Springer Verlag.
- [Draves, 2005] Draves, S. (2005). "The Electric Sheep Screen-Saver: A Case Study in Aesthetic Evolution". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 458–467, Lausanne, Switzerland. Springer Verlag.

- [Duarte et al., 2005] Duarte, A.; Sánchez, Á.; Fernández, F.; and Sanz, A. (2005). "Region Merging for Severe Oversegmented Images using a Hierarchical Social Metaheuristic". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 345–355, Lausanne, Switzerland. Springer Verlag.
- [Dunn et al., 2005] Dunn, E.; Olague, G.; and Lutton, E. (2005). "Automated Photogrammetric Network Design using the Parisian Approach". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 356–365, Lausanne, Switzerland. Springer Verlag.
- [Eldridge, 2005] Eldridge, A. C. (2005). "Extra-Music(ologic)al Models for Algorithmic Composition". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 557–562, Lausanne, Switzerland. Springer Verlag.
- [Fang and Le-Ping, 2005] Fang, L. and Le-Ping, L. (2005). "Unsupervised Anomaly Detection Based On An Evolutionary Artificial Immune Network". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 166–174, Lausanne, Switzerland. Springer Verlag.
- [Greenfield, 2005] Greenfield, G. (2005). "Evolutionary Methods for Ant Colony Paintings". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 478–487, Lausanne, Switzerland. Springer Verlag.
- [Karaman et al., 2005] Karaman, A.; Şima Uyar; and Eryiğit, G. (2005). "The Memory Indexing Evolutionary Algorithm for Dynamic Environments". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 563–573, Lausanne, Switzerland. Springer Verlag.
- [Karaoğlu et al., 2005] Karaoğlu, B.; Topçuoğlu, H.; and Gürgen, F. (2005). "Evolutionary Algorithms for Location Area Management". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 175–184, Lausanne, Switzerland. Springer Verlag.
- [Krishna et al., 2005] Krishna, A.; Narayanan, A.; and Keedwell, E. C. (2005). "Neural networks and temporal gene expression data". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 64–73, Lausanne, Switzerland. Springer Verlag.
- [Langer et al., 2005] Langer, M.; Svensson, B.; Brun, A.; Andersson, M.; and Knutsson, H. (2005). "Design of Fast Multidimensional Filters Using Genetic Algorithms". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 366–375, Lausanne, Switzerland. Springer Verlag.

- [Liu et al., 2005] Liu, H.; Miller, J. F.; and Tyrrell, A. M. (2005). "A Biological Development model for the Design of Robust Multiplier". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 195–204, Lausanne, Switzerland. Springer Verlag.
- [Lutton et al., 2005] Lutton, E.; Grenier, P.; and Vehel, J. L. (2005). "An Interactive EA for Multifractal Bayesian Denoising". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 274–283, Lausanne, Switzerland. Springer Verlag.
- [Madsen and Widmer, 2005] Madsen, S. T. and Widmer, G. (2005). "Evolutionary Search for Musical Parallelism". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 488–497, Lausanne, Switzerland. Springer Verlag.
- [Manaris et al., 2005] Manaris, B.; Machado, P.; McCauley, C.; Romero, J.; and Krehbiel, D. (2005). "Developing Fitness Functions for Pleasant Music: Zipf's Law and Interactive Evolution Systems". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 498–507, Lausanne, Switzerland. Springer Verlag.
- [Manetta et al., 2005] Manetta, L.; Ollino, L.; and Schillaci, M. (2005). "Use of an evolutionary tool for antenna array synthesis". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 245–253, Lausanne, Switzerland. Springer Verlag.
- [Marchiori and Sebag, 2005] Marchiori, E. and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 74–83, Lausanne, Switzerland. Springer Verlag.
- [McCormack, 2005] McCormack, J. (2005). "Open Problems in Evolutionary Music and Art". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 428–436, Lausanne, Switzerland. Springer Verlag.
- [McDermott et al., 2005] McDermott, J.; Griffith, N. J. L.; and O'Neill, M. (2005). "Toward User-directed Evolution of Sound Synthesis Parameters". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 517–526, Lausanne, Switzerland. Springer Verlag.
- [Merkle et al., 2005] Merkle, D.; Middendorf, M.; and Scheidler, A. (2005). "Dynamic Decentralized Packet Clustering in Networks". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT,

- EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 574–583, Lausanne, Switzerland. Springer Verlag.
- [Miranda and Matthias, 2005] Miranda, E. R. and Matthias, J. (2005). "Granular Sampling using a Pulse-Coupled Network of Spiking Neurons". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 539–544, Lausanne, Switzerland. Springer Verlag.
- [Mitchell and Pipe, 2005] Mitchell, T. J. and Pipe, A. G. (2005). "Convergence Synthesis of Dynamic Frequency Modulation Tones Using an Evolution Strategy". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 533–538, Lausanne, Switzerland. Springer Verlag.
- [Moscato et al., 2005] Moscato, P.; Berretta, R.; Hourani, M.; Mendes, A.; and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 84–94, Lausanne, Switzerland. Springer Verlag.
- [Mumolo et al., 2005] Mumolo, E.; Nolich, M.; and Scalamera, G. (2005). "Genetic-Fuzzy Optimization Algorithm for Adaptive Learning of Human Vocalization in Robotics". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 376–385, Lausanne, Switzerland. Springer Verlag.
- [Neri et al., 2005] Neri, F.; Kononova, A. V.; Delvecchio, G.; Labini, M. S.; and Uglanov, A. V. (2005). "A Hierarchical Evolutionary Algorithm with Noisy Fitness in Structural Optimization Problems". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 610–616, Lausanne, Switzerland. Springer Verlag.
- [Ochoa et al., 2005] Ochoa, G.; Mädler-Kron, C.; Rodriguez, R.; and Jaffe, K. (2005). "Assortative Mating in Genetic Algorithms for Dynamic Problems". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 617–622, Lausanne, Switzerland. Springer Verlag.
- [Oltean, 2005] Oltean, M. (2005). "Evolving reversible circuits for the even-parity problem". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 225–234, Lausanne, Switzerland. Springer Verlag.
- [Óscar Pérez et al., 2005] Óscar Pérez; García, J.; Berlanga, A.; and Molina, J. M. (2005). "Evolving Parameters of Surveillance Video Systems for Non-Overfitted Learning". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 386–395, Lausanne, Switzerland. Springer Verlag.

- [Parsopoulos and Vrahatis, 2005] Parsopoulos, K. E. and Vrahatis, M. N. (2005). "Unified Particle Swarm Optimization in Dynamic Environments". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 590–599, Lausanne, Switzerland. Springer Verlag.
- [Pérez et al., 2005] Pérez, C. B.; Olague, G.; Fernandez, F.; and Lutton, E. (2005). "An Evolutionary Infection Algorithm for Dense Stereo Correspondence". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 294–303, Lausanne, Switzerland. Springer Verlag.
- [Pulasinghe and Rajapakse, 2005] Pulasinghe, K. and Rajapakse, J. C. (2005). "Syntactic Approach to Predict Membrane Spanning Regions of Transmembrane Proteins". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 95–104, Lausanne, Switzerland. Springer Verlag.
- [Ramirez and Hazan, 2005] Ramirez, R. and Hazan, A. (2005). "Understanding Expressive Music Performance Using Genetic Algorithms". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 508–516, Lausanne, Switzerland. Springer Verlag.
- [Rand and Riolo, 2005] Rand, W. and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 600–609, Lausanne, Switzerland. Springer Verlag.
- [Reichelt et al., 2005] Reichelt, D.; Gmilkowsky, P.; and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 156–165, Lausanne, Switzerland. Springer Verlag.
- [Roberts and Claridge, 2005] Roberts, M. E. and Claridge, E. (2005). "A Multistage Approach To Cooperatively Coevolving Feature Construction and Object Detection". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 396–406, Lausanne, Switzerland. Springer Verlag.
- [Rocco S., 2005] Rocco S., C. M. (2005). "A Hybrid Approach based on Evolutionary Strategies and Interval Arithmetic to perform Robust Designs". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 623–628, Lausanne, Switzerland. Springer Verlag.
- [Rothlauf et al., 2005] Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors (2005). Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, Lausanne, Switzerland. Springer Verlag.

- [Sanchez et al., 2005] Sanchez, E.; Reorda, M. S.; and Squillero, G. (2005). "Automatic completion and refinement of verification sets for microprocessor cores". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 205–214, Lausanne, Switzerland. Springer Verlag.
- [Scheuermann and Middendorf, 2005] Scheuermann, B. and Middendorf, M. (2005). "Counter-based Ant Colony Optimization as a Hardware-oriented Meta-Heuristic". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 235–244, Lausanne, Switzerland. Springer Verlag.
- [Sekanina, 2005] Sekanina, L. (2005). "Evolutionary Design of Gate-Level Polymorphic Digital Circuits". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 185–194, Lausanne, Switzerland. Springer Verlag.
- [Shan et al., 2005] Shan, T.; Wang, S.; Zhang, X.; and 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, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 304–313, Lausanne, Switzerland. Springer Verlag.
- [Smith et al., 2005] Smith, S. L.; Leggett, S.; and Tyrrell, A. M. (2005). "An Implicit Context Representation for Evolving Image Processing Filters". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 407–416, Lausanne, Switzerland. Springer Verlag.
- [Tang and Sebastian, 2005] Tang, M. and Sebastian, A. (2005). "A Genetic Algorithm for VLSI Floorplanning Using O-Tree Representation". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 215–224, Lausanne, Switzerland. Springer Verlag.
- [Torres D. and Rocco S., 2005] Torres D., D. E. and Rocco S., C. M. (2005). "Empirical Models Based on Hybrid Intelligent Systems for Assessing the Reliability of Complex Networks". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 147–155, Lausanne, Switzerland. Springer Verlag.
- [Tsunoda et al., 2005] Tsunoda, D. F.; Lopes, H. S.; and Freitas, A. A. (2005). "An evolutionary approach for motif discovery and transmembrane protein classification". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 105–114, Lausanne, Switzerland. Springer Verlag.
- [Urbano, 2005] Urbano, P. (2005). "Playing in the Pheromone Playground: Experiences in Swarm Painting". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, *Applications*

- of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 527–532, Lausanne, Switzerland. Springer Verlag.
- [Vanyi, 2005] Vanyi, R. (2005). "Practical Evaluation of Efficient Fitness Functions for Binary Images". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 314–324, Lausanne, Switzerland. Springer Verlag.
- [Wedde and Farooq, 2005] Wedde, H. F. and Farooq, M. (2005). "A Performance Evaluation Framework for Nature Inspired Routing Algorithms". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 136–146, Lausanne, Switzerland. Springer Verlag.
- [Worth and Stepney, 2005] Worth, P. and Stepney, S. (2005). "Growing Music: musical interpretations of L-Systems". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 545–550, Lausanne, Switzerland. Springer Verlag.
- [Yang et al., 2005] Yang, J.; Wongsa, S.; Kadirkamanathan, V.; Billings, S. A.; and Wright, P. C. (2005). "Differential Evolution and Its Application to Metabolic Flux Analysis". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 115–124, Lausanne, Switzerland. Springer Verlag.
- [Zhang and Smart, 2005] Zhang, M. and Smart, W. (2005). "Learning Weights in Genetic Programs Using Gradient Descent for Object Recognition". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 417–427, Lausanne, Switzerland. Springer Verlag.
- [Zhang et al., 2005] Zhang, X.; Wang, S.; Shan, T.; and Jiao, L. (2005). "Selective SVMs Ensemble Driven by Immune Clonal Algorithm". In Rothlauf, F.; Branke, J.; Cagnoni, S.; Corne, D. W.; Drechsler, R.; Jin, Y.; Machado, P.; Marchiori, E.; Romero, J.; Smith, G. D.; and Squillero, G., editors, Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, volume 3449 of LNCS, pages 325–333, Lausanne, Switzerland. Springer Verlag.