Список литературы

- [Aguilar-Ruiz & Divina(2005)] Aguilar-Ruiz, J. S. & Divina, F. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 1–10.
- [Avigad et al.(2005) Avigad, Moshaiov, & Brauner] Avigad, G., Moshaiov, A., & Brauner, N. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 584–589.
- [Bidargaddi et al.(2005)Bidargaddi, Chetty, & Kamruzzaman] Bidargaddi, N. P., Chetty, M., & Kamruzzaman, J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 11–21.
- [Błażewicz et al.(2005)Błażewicz, Borowski, Formanowicz, & Stobiecki] Błażewicz, J., Borowski, M., Formanowicz, P., & Stobiecki, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 22–32.
- [Blackwell & Jefferies (2005)] Blackwell, T. & Jefferies, J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, Evo Workshops 2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 468–477.
- [Blansché et al. (2005) Blansché, Gançarski, & Korczak] Blansché, A., Gançarski, P., & Korczak, J. J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 254–263.
- [Bleuler & Zitzler(2005)] Bleuler, S. & Zitzler, E. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 33–43.
- [Bocchi et al.(2005)Bocchi, Ballerini, & Hässler] Bocchi, L., Ballerini, L., & Hässler, S. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 264–273.
- [Brown(2005)] Brown, A. R. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 551–556.

- [Bush et al.(2005)Bush, Motsinger, Dudek, & Ritchie] Bush, W. S., Motsinger, A. A., Dudek, S. M., & Ritchie, M. D. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 44–53.
- [Centeno et al. (2005) Centeno, Lopes, Felisberto, & Ramos de Arruda] Centeno, T. M., Lopes, H. S., Felisberto, M. K., & Ramos de Arruda, L. V. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 284–293.
- [Chen et al.(2005)Chen, Yang, Tsai, & Kao] Chen, Y.-C., Yang, J.-M., Tsai, C.-H., & Kao, C.-Y. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 125–135.
- [Collomosse & Hall(2005)] Collomosse, J. P. & Hall, P. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 437–447.
- [Cutello et al.(2005)Cutello, Narzisi, & Nicosia] 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 F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 54–63.
- [de Croon et al.(2005)de Croon, Postma, & van den Herik] de Croon, G. C. H. E., Postma, E. O., & van den Herik, H. J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 334–344.
- [Dorin(2005)] Dorin, A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 448–457.
- [Draves (2005)] Draves, S. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 458–467.
- [Duarte et al.(2005) Duarte, Sánchez, Fernández, & Sanz] Duarte, A., Sánchez, Á., Fernández, F., & Sanz, A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 345–355.

- [Dunn et al.(2005)Dunn, Olague, & Lutton] Dunn, E., Olague, G., & Lutton, E. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 356–365.
- [Eldridge(2005)] Eldridge, A. C. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 557–562.
- [Fang & Le-Ping(2005)] Fang, L. & Le-Ping, L. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 166–174.
- [Greenfield(2005)] Greenfield, G. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 478–487.
- [Karaman et al.(2005)Karaman, Şima Uyar, & Eryiğit] Karaman, A., Şima Uyar, & Eryiğit, G. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 563–573.
- [Karaoğlu et al.(2005)Karaoğlu, Topçuoğlu, & Gürgen] Karaoğlu, B., Topçuoğlu, H., & Gürgen, F. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 175–184.
- [Krishna et al.(2005)Krishna, Narayanan, & Keedwell] Krishna, A., Narayanan, A., & Keedwell, E. C. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 64-73.
- [Langer et al.(2005)Langer, Svensson, Brun, Andersson, & Knutsson] Langer, M., Svensson, B., Brun, A., Andersson, M., & Knutsson, H. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 366–375.
- [Liu et al. (2005) Liu, Miller, & Tyrrell] Liu, H., Miller, J. F., & Tyrrell, A. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 195–204.

- [Lutton et al.(2005)Lutton, Grenier, & Vehel] Lutton, E., Grenier, P., & Vehel, J. L. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 274–283.
- [Madsen & Widmer(2005)] Madsen, S. T. & Widmer, G. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 488–497.
- [Manaris et al.(2005)Manaris, Machado, McCauley, Romero, & Krehbiel] 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 F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 498–507.
- [Manetta et al. (2005) Manetta, Ollino, & Schillaci] Manetta, L., Ollino, L., & Schillaci, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 245–253.
- [Marchiori & Sebag(2005)] Marchiori, E. & Sebag, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 74–83.
- [McCormack(2005)] McCormack, J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 428–436.
- [McDermott et al.(2005)McDermott, Griffith, & O'Neill] McDermott, J., Griffith, N. J. L., & O'Neill, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 517–526.
- [Merkle et al.(2005)Merkle, Middendorf, & Scheidler] Merkle, D., Middendorf, M., & Scheidler, A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 574–583.
- [Miranda & Matthias (2005)] Miranda, E. R. & Matthias, J. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops 2005: EvoBIO, EvoCOMNET, EvoHOT,

- EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 539–544.
- [Mitchell & Pipe(2005)] Mitchell, T. J. & Pipe, A. G. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 533–538.
- [Moscato et al.(2005)Moscato, Berretta, Hourani, Mendes, & Cotta] 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 F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 84–94.
- [Mumolo et al. (2005) Mumolo, Nolich, & Scalamera] Mumolo, E., Nolich, M., & Scalamera, G. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 376–385.
- [Neri et al.(2005)Neri, Kononova, Delvecchio, Labini, & Uglanov] Neri, F., Kononova, A. V., Delvecchio, G., Labini, M. S., & Uglanov, A. V. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 610–616.
- [Ochoa et al.(2005)Ochoa, Mädler-Kron, Rodriguez, & Jaffe] Ochoa, G., Mädler-Kron, C., Rodriguez, R., & Jaffe, K. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 617–622.
- [Oltean(2005)] Oltean, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 225–234.
- [Óscar Pérez et al.(2005)Óscar Pérez, García, Berlanga, & Molina] Óscar Pérez, García, J., Berlanga, A., & Molina, J. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 386–395.
- [Parsopoulos & Vrahatis(2005)] Parsopoulos, K. E. & Vrahatis, M. N. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 590–599.

- [Pérez et al.(2005)Pérez, Olague, Fernandez, & Lutton] Pérez, C. B., Olague, G., Fernandez, F., & Lutton, E. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 294–303.
- [Pulasinghe & Rajapakse(2005)] Pulasinghe, K. & Rajapakse, J. C. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 95–104.
- [Ramirez & Hazan(2005)] Ramirez, R. & Hazan, A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 508–516.
- [Rand & Riolo(2005)] Rand, W. & Riolo, R. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 600–609.
- [Reichelt et al.(2005)Reichelt, Gmilkowsky, & Linser] Reichelt, D., Gmilkowsky, P., & Linser, S. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 156–165.
- [Roberts & Claridge(2005)] Roberts, M. E. & Claridge, E. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 396–406.
- [Rocco S.(2005)] Rocco S., C. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 623–628.
- [Rothlauf et al.(2005)Rothlauf, Branke, Cagnoni, Corne, Drechsler, Jin, Machado, Marchiori, Romero, Smith, & Squillero, Rothlauf, F., Branke, J., Cagnoni, S., Corne, D. W., Drechsler, R., Jin, Y., Machado, P., Marchiori, E., Romero, J., Smith, G. D., & Squillero, G. (Eds.) (2005). Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC, vol. 3449 of LNCS. Lausanne, Switzerland: Springer Verlag. URL http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3449&spage=1.
- [Sanchez et al.(2005)Sanchez, Reorda, & Squillero] Sanchez, E., Reorda, M. S., & Squillero, G. (2005).
 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 205–214.
- [Scheuermann & Middendorf(2005)] Scheuermann, B. & Middendorf, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 235–244.
- [Sekanina(2005)] Sekanina, L. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 185–194.
- [Shan et al.(2005)Shan, Wang, Zhang, & Jiao] 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 F. Rothlauf, J. Branke, S. Cagnoni, D. W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G. D. Smith, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 304–313.
- [Smith et al.(2005)Smith, Leggett, & Tyrrell] Smith, S. L., Leggett, S., & Tyrrell, A. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 407–416.
- [Tang & Sebastian(2005)] Tang, M. & Sebastian, A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 215–224.
- [Torres D. & Rocco S.(2005)] Torres D., D. E. & Rocco S., C. M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 147–155.
- [Tsunoda et al.(2005)Tsunoda, Lopes, & Freitas] Tsunoda, D. F., Lopes, H. S., & Freitas, A. A. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 105–114.
- [Urbano(2005)] Urbano, P. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 527–532.
- [Vanyi(2005)] Vanyi, R. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary

- Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 314–324.
- [Wedde & Farooq(2005)] Wedde, H. F. & Farooq, M. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 136-146.
- [Worth & Stepney(2005)] Worth, P. & Stepney, S. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 545–550.
- [Yang et al.(2005)Yang, Wongsa, Kadirkamanathan, Billings, & Wright] Yang, J., Wongsa, S., Kadirkamanathan, V., Billings, S. A., & Wright, P. C. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 115–124.
- [Zhang & Smart(2005)] Zhang, M. & Smart, W. (2005). 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 417–427.
- [Zhang et al.(2005)Zhang, Wang, Shan, & Jiao] Zhang, X., Wang, S., Shan, T., & Jiao, L. (2005). Selective syms 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, & G. Squillero (Eds.), Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC. Lausanne, Switzerland: Springer Verlag, vol. 3449 of LNCS, 325–333.