Список литературы

- [Aguilar-Ruiz & Divina(2005)] Aguilar-Ruiz, J.S. & Divina, F. (2005) Evolutionary biclustering of microarray data. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 1–10, Springer Verlag, Lausanne, Switzerland.
- [Avigad et al.(2005) Avigad, Moshaiov & Brauner] Avigad, G., Moshaiov, A. & Brauner, N. (2005) Moea-based approach to delayed decisions for robust conceptual design. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 584–589, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 11–21, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 22–32, Springer Verlag, Lausanne, Switzerland.
- [Blackwell & Jefferies (2005)] Blackwell, T. & Jefferies, J. (2005) Swarm tech-tiles. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 468–477, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 254–263, Springer Verlag, Lausanne, Switzerland.
- [Bleuler & Zitzler (2005)] Bleuler, S. & Zitzler, E. (2005) Order preserving clustering over multiple time course experiments. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 33–43, Springer Verlag, Lausanne, Switzerland.
- [Bocchi et al.(2005)Bocchi, Ballerini & Hässler] Bocchi, L., Ballerini, L. & Hässler, S. (2005) A new evolutionary algorithm for image segmentation. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 264–273, Springer Verlag, Lausanne, Switzerland.
- [Brown(2005)] Brown, A.R. (2005) Exploring rhythmic automata. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 551–556, Springer Verlag, Lausanne, Switzerland.

- [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? Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 44–53, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 284–293, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 125–135, Springer Verlag, Lausanne, Switzerland.
- [Collomosse & Hall(2005)] Collomosse, J.P. & Hall, P.M. (2005) Genetic paint: A search for salient paintings. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 437–447, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 54–63, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 334–344, Springer Verlag, Lausanne, Switzerland.
- [Dorin(2005)] Dorin, A. (2005) Artificial life, death and epidemics in evolutionary, generative electronic art. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 448–457, Springer Verlag, Lausanne, Switzerland.
- [Draves(2005)] Draves, S. (2005) The electric sheep screen-saver: A case study in aesthetic evolution. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 458–467, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 345–355, Springer Verlag, Lausanne, Switzerland.

- [Dunn et al.(2005)Dunn, Olague & Lutton] Dunn, E., Olague, G. & Lutton, E. (2005) Automated photogrammetric network design using the parisian approach. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 356–365, Springer Verlag, Lausanne, Switzerland.
- [Eldridge(2005)] Eldridge, A.C. (2005) Extra-music(ologic)al models for algorithmic composition. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 557–562, Springer Verlag, Lausanne, Switzerland.
- [Fang & Le-Ping(2005)] Fang, L. & Le-Ping, L. (2005) Unsupervised anomaly detection based on an evolutionary artificial immune network. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 166–174, Springer Verlag, Lausanne, Switzerland.
- [Greenfield(2005)] Greenfield, G. (2005) Evolutionary methods for ant colony paintings. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 478–487, Springer Verlag, Lausanne, Switzerland.
- [Karaman et al.(2005)Karaman, Şima Uyar & Eryiğit] Karaman, A., Şima Uyar & Eryiğit, G. (2005) The memory indexing evolutionary algorithm for dynamic environments. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 563–573, Springer Verlag, Lausanne, Switzerland.
- [Karaoğlu et al.(2005)Karaoğlu, Topçuoğlu & Gürgen] Karaoğlu, B., Topçuoğlu, H. & Gürgen, F. (2005) Evolutionary algorithms for location area management. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 175–184, Springer Verlag, Lausanne, Switzerland.
- [Krishna et al.(2005)Krishna, Narayanan & Keedwell] Krishna, A., Narayanan, A. & Keedwell, E.C. (2005) Neural networks and temporal gene expression data. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 64–73, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 366–375, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 195–204, Springer Verlag, Lausanne, Switzerland.

- [Lutton et al.(2005)Lutton, Grenier & Vehel] Lutton, E., Grenier, P. & Vehel, J.L. (2005) An interactive ea for multifractal bayesian denoising. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 274–283, Springer Verlag, Lausanne, Switzerland.
- [Madsen & Widmer(2005)] Madsen, S.T. & Widmer, G. (2005) Evolutionary search for musical parallelism. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 488–497, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 498–507, Springer Verlag, Lausanne, Switzerland.
- [Manetta et al.(2005)Manetta, Ollino & Schillaci] Manetta, L., Ollino, L. & Schillaci, M. (2005) Use of an evolutionary tool for antenna array synthesis. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 245–253, Springer Verlag, Lausanne, Switzerland.
- [Marchiori & Sebag(2005)] Marchiori, E. & Sebag, M. (2005) Bayesian learning with local support vector machines for cancer classification with gene expression data. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 74–83, Springer Verlag, Lausanne, Switzerland.
- [McCormack(2005)] McCormack, J. (2005) Open problems in evolutionary music and art. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 428–436, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 517–526, Springer Verlag, Lausanne, Switzerland.
- [Merkle et al.(2005)Merkle, Middendorf & Scheidler] Merkle, D., Middendorf, M. & Scheidler, A. (2005) Dynamic decentralized packet clustering in networks. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 574–583, Springer Verlag, Lausanne, Switzerland.
- [Miranda & Matthias(2005)] Miranda, E.R. & Matthias, J. (2005) Granular sampling using a pulse-coupled network of spiking neurons. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero,

- G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 539–544, Springer Verlag, Lausanne, Switzerland.
- [Mitchell & Pipe(2005)] Mitchell, T.J. & Pipe, A.G. (2005) Convergence synthesis of dynamic frequency modulation tones using an evolution strategy. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 533–538, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 84–94, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 376–385, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 610–616, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 617–622, Springer Verlag, Lausanne, Switzerland.
- [Oltean(2005)] Oltean, M. (2005) Evolving reversible circuits for the even-parity problem. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 225–234, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 386–395, Springer Verlag, Lausanne, Switzerland.
- [Parsopoulos & Vrahatis(2005)] Parsopoulos, K.E. & Vrahatis, M.N. (2005) Unified particle swarm optimization in dynamic environments. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 590–599, Springer Verlag, Lausanne, Switzerland.

- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 294–303, Springer Verlag, Lausanne, Switzerland.
- [Pulasinghe & Rajapakse(2005)] Pulasinghe, K. & Rajapakse, J.C. (2005) Syntactic approach to predict membrane spanning regions of transmembrane proteins. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 95–104, Springer Verlag, Lausanne, Switzerland.
- [Ramirez & Hazan(2005)] Ramirez, R. & Hazan, A. (2005) Understanding expressive music performance using genetic algorithms. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 508–516, Springer Verlag, Lausanne, Switzerland.
- [Rand & Riolo(2005)] Rand, W. & Riolo, R. (2005) Shaky ladders, hyperplane-defined functions and genetic algorithms: Systematic controlled observation in dynamic environments. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 600–609, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 156–165, Springer Verlag, Lausanne, Switzerland.
- [Roberts & Claridge(2005)] Roberts, M.E. & Claridge, E. (2005) A multistage approach to cooperatively coevolving feature construction and object detection. *Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC* (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of *LNCS*, pp. 396–406, Springer Verlag, Lausanne, Switzerland.
- [Rocco S.(2005)] Rocco S., C.M. (2005) A hybrid approach based on evolutionary strategies and interval arithmetic to perform robust designs. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 623–628, Springer Verlag, Lausanne, Switzerland.
- [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, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler,

- Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of *LNCS*, pp. 205–214, Springer Verlag, Lausanne, Switzerland.
- [Scheuermann & Middendorf(2005)] Scheuermann, B. & Middendorf, M. (2005) Counter-based ant colony optimization as a hardware-oriented meta-heuristic. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 235–244, Springer Verlag, Lausanne, Switzerland.
- [Sekanina(2005)] Sekanina, L. (2005) Evolutionary design of gate-level polymorphic digital circuits. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 185–194, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 304–313, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 407–416, Springer Verlag, Lausanne, Switzerland.
- [Tang & Sebastian(2005)] Tang, M. & Sebastian, A. (2005) A genetic algorithm for vlsi floorplanning using o-tree representation. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 215–224, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 147–155, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 105–114, Springer Verlag, Lausanne, Switzerland.
- [Urbano(2005)] Urbano, P. (2005) Playing in the pheromone playground: Experiences in swarm painting. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 527–532, Springer Verlag, Lausanne, Switzerland.
- [Vanyi(2005)] Vanyi, R. (2005) Practical evaluation of efficient fitness functions for binary images. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne,

- R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of *LNCS*, pp. 314–324, Springer Verlag, Lausanne, Switzerland.
- [Wedde & Farooq(2005)] Wedde, H.F. & Farooq, M. (2005) A performance evaluation framework for nature inspired routing algorithms. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 136–146, Springer Verlag, Lausanne, Switzerland.
- [Worth & Stepney(2005)] Worth, P. & Stepney, S. (2005) Growing music: musical interpretations of l-systems. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 545–550, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 115–124, Springer Verlag, Lausanne, Switzerland.
- [Zhang & Smart(2005)] Zhang, M. & Smart, W. (2005) Learning weights in genetic programs using gradient descent for object recognition. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 417–427, Springer Verlag, Lausanne, Switzerland.
- [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. Applications of Evolutionary Computing, EvoWorkshops2005: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoMUSART, EvoSTOC (eds. F. Rothlauf, J. Branke, S. Cagnoni, D.W. Corne, R. Drechsler, Y. Jin, P. Machado, E. Marchiori, J. Romero, G.D. Smith & G. Squillero), vol. 3449 of LNCS, pp. 325–333, Springer Verlag, Lausanne, Switzerland.