

Список литературы

- [Archetti *et al.*(2006)Archetti, Messina, Toscani, & Vanneschi] Archetti, F., Messina, E., Toscani, D., & Vanneschi, L. (2006). Classifying and counting vehicles in traffic control applications. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 495–499.
- [Azzini & Tettamanzi(2006)] Azzini, A. & Tettamanzi, A. G. B. (2006). A neural evolutionary classification method for brain-wave analysis. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 500–504.
- [Bakir & Sezerman(2006)] Bakir, B. & Sezerman, O. U. (2006). Functional classification of g-protein coupled receptors, based on their specific ligand coupling patterns. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 1–12.
- [Basa *et al.*(2006)Basa, Go, Yoo, & Lee] Basa, T., Go, C. A., Yoo, K.-S., & Lee, W.-H. (2006). Using physiological signals to evolve art. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 633–641.
- [Basseur & Zitzler(2006)] Basseur, M. & Zitzler, E. (2006). A preliminary study on handling uncertainty in indicator-based multiobjective optimization. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 727–739.
- [Besson *et al.*(2006)Besson, Vesin, Popovici, & Kunt] Besson, P., Vesin, J.-M., Popovici, V., & Kunt, M. (2006). Differential evolution applied to a multimodal information theoretic optimization problem. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 505–509.
- [Bocchi & Ballerini(2006)] Bocchi, L. & Ballerini, L. (2006). Image space colonization algorithm. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 356–367.
- [Bolshakova *et al.*(2006)Bolshakova, Azuaje, & Cunningham] Bolshakova, N., Azuaje, F., & Cunningham, P. (2006). Incorporating biological domain knowledge into cluster validity assessment. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 13–22.
- [Bown & Lexer(2006)] Bown, O. & Lexer, S. (2006). Continuous-time recurrent neural networks for generative and interactive musical performance. In F. Rothlauf, J. Branke, S. Cagnoni,

- E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 652–663.
- [Branke *et al.*(2006)Branke, Orbayı, & Şima Uyar] Branke, J., Orbayı, M., & Şima Uyar (2006). The role of representations in dynamic knapsack problems. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 764–775.
- [Breukelaar *et al.*(2006)Breukelaar, Emmerich, & Bäck] Breukelaar, R., Emmerich, M., & Bäck, T. (2006). On interactive evolution strategies. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 530–541.
- [Brintrup *et al.*(2006)Brintrup, Takagi, & Ramsden] Brintrup, A. M., Takagi, H., & Ramsden, J. (2006). Evaluation of sequential, multi-objective, and parallel interactive genetic algorithms for multi-objective floor plan optimisation. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 586–598.
- [Campolongo & Vena(2006)] Campolongo, G. & Vena, S. (2006). Science of networks and music: A new approach on musical analysis and creation. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 642–651.
- [Chen *et al.*(2006)Chen, Jeng, Yang, & Lai] Chen, C.-M., Jeng, B. C., Yang, C. R., & Lai, G. H. (2006). Tracing denial of service origin: Ant colony approach. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 286–295.
- [Cheran & Gargano(2006)] Cheran, S. C. & Gargano, G. (2006). Artificial life models in lung CTs. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 510–514.
- [Cho *et al.*(2006)Cho, Hong, & Cho] Cho, U.-K., Hong, J.-H., & Cho, S.-B. (2006). Evolutionary singularity filter bank optimization for fingerprint image enhancement. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 380–390.
- [Collomosse(2006)] Collomosse, J. P. (2006). Supervised genetic search for parameter selection in painterly rendering. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 599–610.

- [Comellas & Sapena(2006)] Comellas, F. & Sapena, E. (2006). A multiagent algorithm for graph partitioning. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 279–285.
- [Cordella *et al.*(2006)] Cordella, De Stefano, Fontanella, & Marcelli] Cordella, L. P., De Stefano, C., Fontanella, F., & Marcelli, A. (2006). Evolutionary generation of prototypes for a learning vector quantization classifier. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 391–402.
- [Danyi *et al.*(2006)] Danyi, Kókai, & Csontos] Danyi, K., Kókai, G., & Csontos, J. (2006). A novel mathematical model for the optimization of DNA-chip design and its implementation. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 23–33.
- [De Falco *et al.*(2006)] De Falco, Cioppa, & Tarantino] De Falco, I., Cioppa, A. D., & Tarantino, E. (2006). Automatic classification of handsegmented image parts with differential evolution. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 403–414.
- [Gounaropoulos & Johnson(2006)] Gounaropoulos, A. & Johnson, C. G. (2006). Synthesising timbres and timbre-changes from adjectives/adverbs. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 664–675.
- [Greenfield(2006)] Greenfield, G. (2006). Robot paintings evolved using simulated robots. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 611–621.
- [Hazan *et al.*(2006)] Hazan, Ramirez, Maestre, Perez, & Pertusa] Hazan, A., Ramirez, R., Maestre, E., Perez, A., & Pertusa, A. (2006). Modelling expressive performance: a regression tree approach based on strongly typed genetic programming. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 676–687. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=676>.
- [Henriques *et al.*(2006)] Henriques, Correia, Manzolli, Correia, & Chambel] Henriques, N. A. C., Correia, N., Manzolli, J., Correia, L., & Chambel, T. (2006). Moviegene: Evolutionary video production based on genetic algorithms and cinematic properties. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 707–711.

- [Hochreiter(2006)] Hochreiter, R. (2006). Audible convergence for optimal base melody extension with statistical genre-specific interval distance evaluation. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 712–716.
- [Hong *et al.*(2006)Hong, Yang, Wang, Lin, Yang, & Lin] Hong, C.-F., Yang, H.-F., Wang, L.-H., Lin, M.-H., Yang, P.-W., & Lin, G.-S. (2006). Creating chance by new interactive evolutionary computation: Bipartite graph based interactive genetic algorithm. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 554–564.
- [Hsu & Hung(2006)] Hsu, F.-C. & Hung, M.-H. (2006). Practically applying interactive genetic algorithms to customers’ designs on a customizable C2C framework: Entrusting select operations to IGA users. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 575–585.
- [Huerta *et al.*(2006)Huerta, Duval, & Hao] Huerta, E. B., Duval, B., & Hao, J.-K. (2006). A hybrid GA/SVM approach for gene selection and classification of microarray data. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 34–44.
- [Khalifa & Foster(2006)] Khalifa, Y. & Foster, R. (2006). A two-stage autonomous evolutionary music composer. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 717–721.
- [Kim *et al.*(2006)Kim, Cho, & Zhang] Kim, K.-Y., Cho, D.-Y., & Zhang, B.-T. (2006). Multi-stage evolutionary algorithms for efficient identification of gene regulatory networks. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 45–56.
- [Kim & Zhang(2006)] Kim, S. & Zhang, B.-T. (2006). Human papillomavirus risk type classification from protein sequences using support vector machines. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 57–66.
- [Kinane *et al.*(2006)Kinane, Muresan, & O’Connor] Kinane, A., Muresan, V., & O’Connor, N. (2006). Optimisation of constant matrix multiplication operation hardware using a genetic algorithm. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 296–307.
- [Kobliha *et al.*(2006)Kobliha, Schwarz, & Očenášek] Kobliha, M., Schwarz, J., & Očenášek, J. (2006). Bayesian optimization algorithms for dynamic problems. In F. Rothlauf, J. Branke, S. Cagnoni,

- E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 800–804.
- [Krawiec(2006)] Krawiec, K. (2006). Learning high-level visual concepts using attributed primitives and genetic programming. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 515–519. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=515>.
- [Kühne & Drechsler(2006)] Kühne, U. & Drechsler, N. (2006). Finding compact BDDs using genetic programming. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 308–319. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=308>.
- [Legrand *et al.*(2006)] Legrand, P., Lutton, E., & Olague, G. (2006). Evolutionary denoising based on an estimation of hölder exponents with oscillations. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 520–524.
- [Li *et al.*(2006)] Li, R., Emmerich, M., Bovenkamp, E. G. P., Eggermont, J., Bäck, T., Dijkstra, J., & Reiber, J. H. C. (2006). Mixed-integer evolution strategies and their application to intravascular ultrasound image analysis. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 415–426.
- [Logofatu & Drechsler(2006)] Logofatu, D. & Drechsler, R. (2006). Efficient evolutionary approaches for the data ordering problem with inversion. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 320–331.
- [Luna *et al.*(2006)] Luna, F., Nebro, A. J., Dorronsoro, B., Alba, E., Bouvry, P., & Hogue, L. (2006). Optimal broadcasting in metropolitan MANETs using multiobjective scatter search. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 255–266.
- [Magnus(2006)] Magnus, C. (2006). Evolutionary musique concrète. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 688–695.
- [Mahata *et al.*(2006)] Mahata, P., Costa, W., Cotta, C., & Moscato, P. (2006). Hierarchical clustering, languages and cancer. In F. Rothlauf, J. Branke,

- S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 67–78.
- [Marchiori *et al.*(2006)] Marchiori, E., Jimenez, C. R., West-Nielsen, M., & Heegaard, N. H. H. (2006). Robust SVM-based biomarker selection with noisy mass spectrometric proteomic data. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 79–90.
- [Martins & Miranda(2006)] Martins, J. M. & Miranda, E. R. (2006). A connectionist architecture for the evolution of rhythms. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 696–706.
- [Meyer & Bontempi(2006)] Meyer, P. E. & Bontempi, G. (2006). On the use of variable complementarity for feature selection in cancer classification. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 91–102.
- [Motsinger *et al.*(2006)] Motsinger, A. A., Dudek, S. M., Hahn, L. W., & Ritchie, M. D. (2006). Comparison of neural network optimization approaches for studies of human genetics. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 103–114.
- [Neri *et al.*(2006)] Neri, F., Cascella, G. L., Salvatore, N., Kononova, A. V., & Acciani, G. (2006). Prudent-daring vs tolerant survivor selection schemes in control design of electric drives. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 805–810.
- [Ohlídal *et al.*(2006)] Ohlídal, M., Jaroš, J., Schwarz, J., & Dvořák, V. (2006). Evolutionary design of OAB and AAB communication schedules for interconnection networks. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 267–278.
- [Olague & Puente(2006)] Olague, G. & Puente, C. (2006). The honeybee search algorithm for three-dimensional reconstruction. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 427–437.
- [Óscar Pérez *et al.*(2006)] Óscar Pérez, Ángel Patricio, García, & Molina] Óscar Pérez, Ángel Patricio, M., García, J., & Molina, J. M. (2006). Improving the segmentation stage of a pedestrian

- tracking video-based system by means of evolution strategies. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 438–449.
- [Palacios *et al.*(2006)Palacios, Pelta, & Blanco] Palacios, P., Pelta, D., & Blanco, A. (2006). Obtaining biclusters in microarrays with population-based heuristics. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 115–126.
- [Porto & Barbosa(2006a)] Porto, A. H. L. & Barbosa, V. C. (2006a). A methodology for determining amino-acid substitution matrices from set covers. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 138–148.
- [Porto & Barbosa(2006b)] Porto, A. H. L. & Barbosa, V. C. (2006b). Multiple sequence alignment based on set covers. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 127–137.
- [Rajapakse *et al.*(2006)Rajapakse, Schmidt, & Brusic] Rajapakse, M., Schmidt, B., & Brusic, V. (2006). Multi-objective evolutionary algorithm for discovering peptide binding motifs. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 149–158.
- [Rand & Riolo(2006)] Rand, W. & Riolo, R. (2006). The effect of building block construction on the behavior of the GA in dynamic environments: A case study using the shaky ladder hyperplane-defined functions. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 776–787.
- [Romero-Zaliz *et al.*(2006)Romero-Zaliz, Rubio-Escudero, Cordon, Harari, del Val, & Zwir] Romero-Zaliz, R., Rubio-Escudero, C., Cordon, O., Harari, O., del Val, C., & Zwir, I. (2006). Mining structural databases: An evolutionary multi-objective conceptual clustering methodology. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 159–171.
- [Rothlauf *et al.*(2006)Rothlauf, Branke, Cagnoni, Costa, Cotta, Drechsler, Lutton, Machado, Moore, Romero, Smith, Squillero, & Takagi] Rothlauf, F., Branke, J., Cagnoni, S., Costa, E., Cotta, C., Drechsler, R., Lutton, E., Machado, P., Moore, J. H., Romero, J., Smith, G. D., Squillero, G., & Takagi, H. (Eds.) (2006). *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*, vol. 3907 of *LNCS*. Budapest: Springer Verlag. URL <http://www.springerlink.com/openurl.asp?genre=issue&issn=0302-9743&volume=3907>.
- [Rubio-Escudero *et al.*(2006)Rubio-Escudero, Romero-Zaliz, Cordon, Harari, del Val, & Zwir] Rubio-Escudero, C., Romero-Zaliz, R., Cordon, O., Harari, O., del Val, C., & Zwir, I. (2006). Optimal

- selection of microarray analysis methods using a conceptual clustering algorithm. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 172–183.
- [Sáez *et al.*(2006)Sáez, Isasi, Segovia, & Mochón] Sáez, Y., Isasi, P., Segovia, J., & Mochón, A. (2006). An experimental comparative study for interactive evolutionary computation problems. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 542–553.
- [Santarosa *et al.*(2006)Santarosa, Moroni, & Manzolli] Santarosa, R., Moroni, A., & Manzolli, J. (2006). Layered genetical algorithms evolving into musical accompaniment generation. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 722–726.
- [Sastry *et al.*(2006)Sastry, Winward, Goldberg, & Lima] Sastry, K., Winward, P., Goldberg, D. E., & Lima, C. (2006). Fluctuating crosstalk as a source of deterministic noise and its effects on GA scalability. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 740–751.
- [Schmidt *et al.*(2006)Schmidt, Branke, & Chick] Schmidt, C., Branke, J., & Chick, S. E. (2006). Integrating techniques from statistical ranking into evolutionary algorithms. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 752–763.
- [Sekanina & Vašíček(2006)] Sekanina, L. & Vašíček, Z. (2006). On the practical limits of the evolutionary digital filter design at the gate level. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 344–355.
- [Shen & Chen(2006)] Shen, S. & Chen, W. (2006). Probability evolutionary algorithm based human body tracking. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 525–529.
- [Shin *et al.*(2006)Shin, Lee, & Zhang] Shin, S.-Y., Lee, I.-H., & Zhang, B.-T. (2006). Microarray probe design using ϵ -multi-objective evolutionary algorithms with thermodynamic criteria. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 184–195.
- [Stojanovic(2006)] Stojanovic, N. (2006). An algorithm for the automated verification of DNA supercontig assemblies. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.),

- Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 196–207.
- [Stout *et al.*(2006)Stout, Bacardit, Hirst, Krasnogor, & Blazewicz] Stout, M., Bacardit, J., Hirst, J. D., Krasnogor, N., & Blazewicz, J. (2006). From HP lattice models to real proteins: coordination number prediction using learning classifier systems. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 208–220.
- [Terry *et al.*(2006)Terry, Marcus, Farrell, Aggarwal, & O'Reilly] Terry, M. A., Marcus, J., Farrell, M., Aggarwal, V., & O'Reilly, U.-M. (2006). GRACE: generative robust analog circuit exploration. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 332–343.
- [Tianzhu *et al.*(2006)Tianzhu, Wenhui, Yi, Zihou, & Dongfeng] Tianzhu, W., Wenhui, L., Yi, W., Zihou, G., & Dongfeng, H. (2006). An adaptive stochastic collision detection between deformable objects using particle swarm optimization. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 450–459.
- [Tran *et al.*(2006)Tran, Pham, Satou, & Ho] Tran, D., Pham, T., Satou, K., & Ho, T. (2006). Conditional random fields for predicting and analyzing histone occupancy, acetylation and methylation areas in DNA sequences. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 221–230.
- [Urbano(2006)] Urbano, P. (2006). Consensual paintings. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 622–632.
- [Wedde *et al.*(2006)Wedde, Timm, & Farooq] Wedde, H. F., Timm, C., & Farooq, M. (2006). Beehiveguard: A step towards secure nature inspired routing algorithms. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 243–254.
- [Wetcharaporn *et al.*(2006a)Wetcharaporn, Chaiyaratana, & Huvanandana] Wetcharaporn, W., Chaiyaratana, N., & Huvanandana, S. (2006a). Enhancement of an automatic fingerprint identification system using a genetic algorithm and genetic programming. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 368–379. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&page=368>.
- [Wetcharaporn *et al.*(2006b)Wetcharaporn, Chaiyaratana, & Tongshima] Wetcharaporn, W., Chaiyaratana, N., & Tongshima, S. (2006b). DNA fragment assembly: An ant colony system

- approach. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 231–242.
- [Xie *et al.*(2006)Xie, Zhang, & Andreae] Xie, H., Zhang, M., & Andreae, P. (2006). Genetic programming for automatic stress detection in spoken english. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 460–471. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=460>.
- [Yang(2006)] Yang, S. (2006). Associative memory scheme for genetic algorithms in dynamic environments. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 788–799.
- [Zhang & Lett(2006)] Zhang, M. & Lett, M. (2006). Localisation fitness in GP for object detection. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 472–483. URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0302-9743&volume=3907&spage=472>.
- [Zhang *et al.*(2006)Zhang, Lu, Gou, & Jiao] Zhang, X., Lu, B., Gou, S., & Jiao, L. (2006). Immune multiobjective optimization algorithm for unsupervised feature selection. In F. Rothlauf, J. Branke, S. Cagnoni, E. Costa, C. Cotta, R. Drechsler, E. Lutton, P. Machado, J. H. Moore, J. Romero, G. D. Smith, G. Squillero, & H. Takagi (Eds.), *Applications of Evolutionary Computing, EvoWorkshops2006: EvoBIO, EvoCOMNET, EvoHOT, EvoIASP, EvoInteraction, EvoMUSART, EvoSTOC*. Budapest: Springer Verlag, vol. 3907 of *LNCS*, 484–494.