

## Список литературы

- [1] Di Chio, C., et al. (eds.) (2011) *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, vol. 6625 of *LNCS*, Springer Verlag.
- [2] Ergin, F. C., Şima Uyar, A., and Yayimli, A. (2011) Investigation of hyper-heuristics for designing survivable virtual topologies in optical WDM networks. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 1–10, Springer Verlag.
- [3] D’Andreagiovanni, F. (2011) On improving the capacity of solving large-scale wireless network design problems by genetic algorithms. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 11–20, Springer Verlag.
- [4] Fang, R., Huang, Z., Rossi, L., and Shen, C.-C. (2011) Dynamic routing exponent strategies for ant-based protocols. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 21–30, Springer Verlag.
- [5] Paquereau, L. and Helvik, B. E. (2011) Ant-based multipath routing for wireless mesh networks. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 31–40, Springer Verlag.
- [6] Álvaro Rubio-Largo, Vega-Rodríguez, M. A., Gómez-Pulido, J. A., and Sánchez-Pérez, J. M. (2011) A multiobjective gravitational search algorithm applied to the static routing and wavelength assignment problem. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 41–50, Springer Verlag.
- [7] Xing, H. and Qu, R. (2011) A population based incremental learning for delay constrained network coding resource minimization. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 51–60, Springer Verlag.
- [8] Laskowski, E., Tudruj, M., De Falco, I., Scafuri, U., Tarantino, E., and Olejnik, R. (2011) Extremal optimization applied to task scheduling of distributed java programs. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 61–70, Springer Verlag.
- [9] d.C. Silva-Lopez, L. S. and Perdomo, J. G. (2011) Data-centered scheduling for addressing performance metrics on WSN. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 71–80, Springer Verlag.
- [10] Azzini, A., Dragoni, M., and Tettamanzi, A. G. (2011) Using evolutionary neural networks to test the influence of the choice of numeraire on financial time series modeling. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 81–90, Springer Verlag.
- [11] Kampouridis, M., Chen, S.-H., and Tsang, E. (2011) Market microstructure: Can dinosaurs return? a self-organizing map approach under an evolutionary framework. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 91–100, Springer Verlag.

- [12] Kronberger, G., Fink, S., Kommenda, M., and Affenzeller, M. (2011) Macro-economic time series modeling and interaction networks. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 101–110, Springer Verlag.
- [13] Neri, F. (2011) Learning and predicting financial time series by combining natural computation and agent simulation. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 111–120, Springer Verlag.
- [14] Tuite, C., Agapitos, A., O'Neill, M., and Brabazon, A. (2011) A preliminary investigation of overfitting in evolutionary driven model induction: Implications for financial modelling. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 121–130, Springer Verlag.
- [15] Vassiliadis, V., Thomaidis, N., and Dounias, G. (2011) On the performance and convergence properties of hybrid intelligent schemes: application on portfolio optimization domain. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 131–140, Springer Verlag.
- [16] Di Carlo, S., Politano, G., Prinetto, P., Savino, A., and Scionti, A. (2011) Genetic defect based march test generation for SRAM. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 141–150, Springer Verlag.
- [17] Drechsler, R., Finder, A., and Wille, R. (2011) Improving ESOP-based synthesis of reversible logic using evolutionary algorithms. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 151–160, Springer Verlag.
- [18] Sanchez, E., Squillero, G., and Tonda, A. (2011) Evolution of test programs exploiting a FSM processor model. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 161–170, Springer Verlag.
- [19] Vucina, D. and Pehcec, I. (2011) Enhanced reverse engineering using genetic-algorithms-based experimental parallel workflow for optimum design. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 171–179, Springer Verlag.
- [20] Wu, H., Chu, J., Yuan, L., Zhao, Q., and Liu, S. (2011) Fault-tolerance simulation of brushless motor control circuits. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 180–189, Springer Verlag.
- [21] Bozkurt, B. and Yuksel, K. A. (2011) Parallel evolutionary optimization of digital sound synthesis parameters. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 190–199, Springer Verlag.
- [22] Byrne, J., Fenton, M., Hemberg, E., McDermott, J., O'Neill, M., Shotton, E., and Nally, C. (2011) Combining structural analysis and multi-objective criteria for evolutionary architectural design. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 200–209, Springer Verlag.

- [23] Castagna, R., Chiolerio, A., and Margaria, V. (2011) Music translation of tertiary protein structure: Auditory patterns of the protein folding. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 210–216, Springer Verlag.
- [24] Colton, S., Cook, M., and Raad, A. (2011) Ludic considerations of tablet-based evo-art. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 217–226, Springer Verlag.
- [25] den Heijer, E. and Eiben, A. (2011) Evolving art using multiple aesthetic measures. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 227–236, Springer Verlag.
- [26] De Prisco, R., Zaccagnino, G., and Zaccagnino, R. (2011) A genetic algorithm for dodecaphonic compositions. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 237–246, Springer Verlag.
- [27] De Prisco, R., Sabatino, P., Zaccagnino, G., and Zaccagnino, R. (2011) A customizable recognizer for orchestral conducting gestures based on neural networks. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 247–256, Springer Verlag.
- [28] De Smedt, T., Lechat, L., and Daelemans, W. (2011) Generative art inspired by nature, using NodeBox. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 257–265, Springer Verlag.
- [29] Donnelly, P. and Sheppard, J. (2011) Evolving four-part harmony using genetic algorithms. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 266–275, Springer Verlag.
- [30] Eigenfeldt, A. and Pasquier, P. (2011) A sonic eco-system of self-organising musical agents. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 276–285, Springer Verlag.
- [31] Eisenmann, J., Schroeder, B., Lewis, M., and Parent, R. (2011) Creating choreography with interactive evolutionary algorithms. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 286–295, Springer Verlag.
- [32] Ekart, A., Sharma, D., and Chalakov, S. (2011) Modelling human preference in evolutionary art. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 296–305, Springer Verlag.
- [33] Flack, R. and Ross, B. (2011) Evolution of architectural floor plans. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 306–315, Springer Verlag.
- [34] Fornari, J. (2011) Path of patches: Implementing an evolutionary soundscape art installation. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 316–325, Springer Verlag.

- [35] Kaliakatsos-Papakostas, M. A., Epitropakis, M. G., and Vrahatis, M. N. (2011) Weighted markov chain model for musical composer identification. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 326–335, Springer Verlag.
- [36] nevich, H. K., Riera, P. E., and Eguia, M. C. (2011) Santiago - a real-time biological neural network environment for generative music creation. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 336–345, Springer Verlag.
- [37] McCracken, J. K. and Matthias, J. (2011) Neurogranular synthesis: Granular synthesis controlled by a pulse-coupled network of spiking neurons. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 346–355, Springer Verlag.
- [38] Mor, L., Liu, C., and von Mammen, S. (2011) Interactive biomimetic space: An interactive installation to explore living architecture. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 356–365, Springer Verlag.
- [39] Nicolau, M. and Costelloe, D. (2011) Using grammatical evolution to parameterise interactive 3D image generation. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 366–375, Springer Verlag.
- [40] Reynolds, C. (2011) Evolving textures from high level descriptions: Gray with an accent color. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 376–385, Springer Verlag.
- [41] Romero, J., Machado, P., Carballal, A., and Osorio, O. (2011) Aesthetic classification and sorting based on image compression. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 386–395, Springer Verlag.
- [42] Suzuki, R., Yamaguchi, S., Cody, M., Taylor, C., and Arita, T. (2011) iSoundScape: adaptive walk on a fitness soundscape. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 396–405, Springer Verlag.
- [43] Urbano, P. (2011) The T. albipennis sand painting artists. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 406–415, Springer Verlag.
- [44] Vouliouri, E. (2011) Merging aesthetics with functionality: An interactive genetic algorithm based on the principle of weighted mutation. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 416–425, Springer Verlag.
- [45] Asta, S. and Sarel-Talay, S. (2011) Nature-inspired optimization for biped robot locomotion and gait planning. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 426–435, Springer Verlag.
- [46] Berberoglu, A. and Şima Uyar, A. (2011) Experimental comparison of selection hyper-heuristics for the short-term electrical power generation scheduling problem. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 436–445, Springer Verlag.

- [47] Petrovic, S. and Castro, E. (2011) A genetic algorithm for radiotherapy pre-treatment scheduling. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 446–455, Springer Verlag.
- [48] Urquhart, N. (2011) Planning and optimising organisational travel plans using an evolutionary algorithm. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 456–462, Springer Verlag.
- [49] Dang, D.-C., Guibadj, R. N., and Moukrim, A. (2011) A PSO-based memetic algorithm for the team orienteering problem. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 463–472, Springer Verlag.
- [50] Gussmagg-Pfliegl, E., Tricoire, F., Doerner, K. F., Hartl, R. F., and Irnich, S. (2011) Heuristics for a real-world mail delivery problem. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 473–482, Springer Verlag.
- [51] Nissen, V., Guenther, M., and Schumann, R. (2011) Integrated generation of working time models and staff schedules in workforce management. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 483–492, Springer Verlag.
- [52] Rimmel, A., Teytaud, F., and Cazenave, T. (2011) Optimization of the nested Monte-Carlo algorithm on the traveling salesman problem with time windows. Di Chio, C., et al. (eds.), *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMNET, EvoFIN, EvoHOT, EvoMUSART, EvoSTIM, EvoTRANSLOG*, Turin, Italy, 27-29 April, vol. 6625 of *LNCS*, pp. 493–502, Springer Verlag.