

Список литературы

- [1] Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N, eds. (2011) *Applications of Evolutionary Computing, EvoApplications 2011: EvoCOMPLEX, EvoGAMES, EvoIASP, EvoINTELLIGENCE, EvoNUM, EvoSTOC*, LNCS (Springer Verlag, Turin, Italy) Vol. 6624.
- [2] Ahammed, F & Moscato, P. (2011) *Evolving L-Systems as an intelligent design approach to find classes of difficult-to-solve Traveling Salesman Problem instances*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 1–10.
- [3] Amoretti, M. (2011) *A Design Framework for Ultra-Large-Scale Autonomic Systems*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 11–20.
- [4] Benedettini, S, Roli, A, Serra, R, & Villani, M. (2011) *Stochastic Local Search to Automatically Design Boolean Networks with Maximally Distant Attractors*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 21–30.
- [5] Fernandes, C, Laredo, J, Mora, A, Rosa, A, & Merelo, J. (2011) *A Study on the Mutation Rates of a Genetic Algorithm Interacting with a Sandpile*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 31–40.
- [6] Roli, A, Manfroni, M, Pincioli, C, & Birattari, M. (2011) *On the design of Boolean network robots*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 41–50.
- [7] Auger, D. (2011) *Multiple Tree for Partially Observable Monte-Carlo Tree Search*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 51–60.
- [8] Cardamone, L, Yannakakis, G. N, Togelius, J, & Lanzi, P. L. (2011) *Evolving Interesting Maps for a First Person Shooter*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 61–70.
- [9] Chou, C.-W, Teytaud, O, & Yen, S.-J. (2011) *Revisiting Monte-Carlo Tree Search on a Normal Form Game: NoGo*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 71–80.
- [10] Kemmerling, M, Ackermann, N, & Preuss, M. (2011) *Nested Look-Ahead Evolutionary Algorithm Based Planning for a Believable Diplomacy Bot*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 81–90.
- [11] Mahlmann, T, Togelius, J, & Yannakakis, G. N. (2011) *Towards Procedural Strategy Game Generation: Evolving Complementary Unit Types*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 91–100.
- [12] Merelo, J.-J, Cotta, C, & Mora, A.-M. (2011) *Improving and Scaling Evolutionary Approaches to the MasterMind Problem*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 101–110.

- [13] Papahristou, N & Refanidis, I. (2011) *Training Neural Networks to Play Backgammon Variants Using Reinforcement Learning*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 111–120.
- [14] Perez, D, Nicolau, M, O'Neill, M, & Brabazon, A. (2011) *Evolving Behavior Trees for the Mario AI Competition Using Grammatical Evolution*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 121–130.
- [15] Phon-Amnuaisuk, S. (2011) *Learning Chasing Behaviours of Non-Player Characters in Games using SARSA*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 131–140.
- [16] Quadflieg, J, Preuss, M, & Rudolph, G. (2011) *Driving Faster Than a Human Player*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 141–150.
- [17] Teytaud, O & Flory, S. (2011) *Upper Confidence Trees with Short Term Partial Information*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 151–160.
- [18] Bocchi, L & Rogai, F. (2011) *Segmentation of ultrasound breast images: optimization of algorithm parameters*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 161–170.
- [19] Fu, W, Johnston, M, & Zhang, M. (2011) *A Hybrid Particle Swarm Optimisation with Differential Evolution Approach to Image Segmentation*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 171–180.
- [20] Kukenys, I, Browne, W, & Zhang, M. (2011) *Transparent, Online Image Pattern Classification Using a Learning Classifier System*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 181–190.
- [21] Liu, J, Ma, H, & Ren, X. (2011) *Tracking Multiple Targets with Adaptive Swarm Optimization*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 191–200.
- [22] Pekkarinen, J, Pölönen, H, & Neri, F. (2011) *Advanced Metaheuristic Approaches and Population Doping for a Novel Modeling-Based Method of Positron Emission Tomography Data Analysis*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 201–210.
- [23] Poli, R, Salvaris, M, & Cinel, C. (2011) *Evolutionary Synthesis of a Trajectory Integrator for an Analogue Brain-Computer Interface Mouse*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 211–220.
- [24] Swietojanski, P, Wielgat, R, & Zielinski, T. (2011) *Automatic Selection of Pareto-optimal Topologies of Hidden Markov Models using Multicriteria Evolutionary Algorithms*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 221–230.

- [25] Cuccu, G & Gomez, F. J. (2011) *When Novelty is Not Enough*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 231–240.
- [26] Azzini, A, Dragoni, M, & Tettamanzi, A. G. (2011) *A Part-Of-Speech Lexicographic Encoding for an Evolutionary Word Sense Disambiguation Approach*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 241–250.
- [27] Duman, E, Uysal, M, & Alkaya, A. F. (2011) *Migrating Birds Optimization: A New Meta-heuristic Approach and Its Application to the Quadratic Assignment Problem*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 251–260.
- [28] Iacca, G, Neri, F, & Mininno, E. (2011) *Opposition-Based Learning in Compact Differential Evolution*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 261–270.
- [29] Kommenda, M, Kronberger, G, Feilmayr, C, & Affenzeller, M. (2011) *Data Mining using Unguided Symbolic Regression on a Blast Furnace Dataset*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 271–280.
- [30] Maitre, O, Sharma, D, Lachiche, N, & Collet, P. (2011) *DISPAR-Tournament: a parallel population reduction operator that behaves like a tournament*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 281–290.
- [31] Müller, C. L & Sbalzarini, I. F. (2011) *Global characterization of the CEC 2005 fitness landscapes using fitness-distance analysis*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 291–300.
- [32] Weise, T, Niemczyk, S, Chiong, R, & Wan, M. (2011) *A Framework for Multi-Model EDAs with Model Recombination*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 301–310.
- [33] Kiraz, B, Şima Uyar, A, & Özcan, E. (2011) *An Investigation of Selection Hyper-heuristics in Dynamic Environments*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 311–320.
- [34] Mavrovouniotis, M & Yang, S. (2011) *Memory-Based Immigrants for Ant Colony Optimization in Changing Environments*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 321–330.
- [35] Richter, H & Dietel, F. (2011) *Solving dynamic constrained optimization problems with asynchronous change pattern*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 331–340.
- [36] Sarasola, B, Khoudjia, M. R, Alba, E, Jourdan, L, & Talbi, E.-G. (2011) *Flexible Variable Neighborhood Search in Dynamic Vehicle Routing*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 341–350.

- [37] oes, A. S & Costa, E. (2011) *CHC-based Algorithms for the Dynamic Traveling Salesman Problem*, LNCS eds. Di Chio, C, Cagnoni, S, Cotta, C, Ebner, M, Ekart, A, Esparcia-Alcazar, A. I, Merelo, J. J, Neri, F, Preuss, M, Richter, H, Togelius, J, & Yannakakis, G. N. (Springer Verlag, Turin, Italy), Vol. 6624, pp. 351–360.