

## Список литературы

- [Agapitos 12] Alexandros Agapitos, Michael O'Neill & Anthony Brabazon. *Evolving Seasonal Forecasting Models with Genetic Programming for Pricing Weather-derivatives*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 131–140, Malaga, Spain, 11–13 April 2012. Springer Verlag.
- [Arriaga 12] Jonathan Arriaga & Manuel Valenzuela-Rendón. *Steepest Ascent Hill Climbing for Portfolio Selection*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 141–150, Malaga, Spain, 11–13 April 2012. Springer Verlag.
- [Arsuaga-Ríos 12] María Arsuaga-Ríos, Francisco Prieto-Castrillo & Miguel A. Vega-Rodríguez. *Small-World Optimization applied to Job Scheduling on Grid Environments from a Multi-Objective perspective*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 41–50, Malaga, Spain, 11–13 April 2012. Springer Verlag.
- [Azzini 12] Antonia Azzini, Mauro Dragoni & Andrea G.B. Tettamanzi. *A Neuro-Evolutionary Approach to Intraday Financial Modeling*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 151–160, Malaga, Spain, 11–13 April 2012. Springer Verlag.
- [Bocchi 12] Leonardo Bocchi & Francesco Rogai. *A Genetic Fuzzy Rules Learning Approach for Unseeded Segmentation in Echography*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik

Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 301–310, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Cagnoni 12] Stefano Cagnoni, Alessandro Bacchini & Luca Mussi. *OpenCL Implementation of Particle Swarm Optimization: A fair Comparison between CPU and GPU Performances*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 401–410, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Chicano 12] Francisco Chicano, Alejandro Cervantes, Francisco Luna & Gustavo Recio. *A Novel Multiobjective Formulation of the Robust Software Project Scheduling Problem*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 491–500, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Clemente 12] Eddie Clemente, Gustavo Olague, León Dozal & Martín Mancilla. *Object Recognition with an Optimized Visual Cortex Model using Genetic Programming*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 311–320, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Contreras 12] Iván Contreras, José Ignacio Hidalgo & Laura Núñez-Letamendia. *A GA combining Technical and Fundamental Analysis for trading the Stock Market*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK,

EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 170–179, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Cook 12] Michael Cook, Simon Colton & Jeremy Gow. *Initial Results From Co-operative Co-evolution For Automated Platformer Design*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 190–199, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Di Chio 12] Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors. Applications of evolutionary computing, evoapplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Dozal 12] León Dozal, Gustavo Olague, Eddie Clemente & Marco Sánchez. *Evolving Visual Attention Programs through EVO Features*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 321–330, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Duran 12] Feijoo E. Colomine Duran, Carlos Cotta & Antonio J. Fernández-Leiva. *A Comparative Study of Multi-Objective Evolutionary Algorithms to Optimize the Selection of Investment Portfolios with Cardinality Constraints*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 161–169, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Fazenda 12] Pedro Fazenda, James McDermott & Una-May O’Reilly. *A Library to Run Evolutionary Algorithms in the Cloud using MapReduce*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar,

Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 411–420, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Font 12] José M. Font. *Evolving Third-Person Shooter Enemies to Optimize Player Satisfaction in Real-Time*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 200–209, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [García-Sánchez 12] Pablo García-Sánchez, A.E. Eiben, Evert Haasdijk, Berend Weel & Juan-J Merelo-Guervós. *Testing Diversity-Enhancing Migration Policies for Hybrid On-line Evolution of Robot Controllers*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 51–60, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Hernández 12] Daniel Hernández, Gustavo Olague, Eddie Clemente & León Dozal. *Evolutionary Purposive or Behavioral Vision: The Link between Perception and Action*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 331–340, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Iacca 12] Giovanni Iacca, Fabio Caraffini, Ferrante Neri & Ernesto Mininno. *Robot Base Disturbance Optimization with Compact Differential Evolution Light*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC,

volume 7248 of *LNCS*, pages 281–290, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Jaros 12] Jiri Jaros & Petr Pospichal. *A Fair Comparison of Modern CPUs and GPUs Running the Genetic Algorithm under the Knapsack Benchmark*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 421–430, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Karafotias 12] Giorgos Karafotias, S.K. Smit & A.E. Eiben. *A Generic Approach to Parameter Control*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 361–370, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Kramer 12] Oliver Kramer. *On Evolutionary Approaches to Unsupervised Nearest Neighbor Regression*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 341–350, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Krenek 12] Thorsten Krenek, Mario Ruthmair, Günther Raidl & Michael Planer. *Applying (Hybrid) Metaheuristics to Fuel Consumption Optimization of Hybrid Electric Vehicles*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 371–380, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Kuyucu 12] Tuze Kuyucu, Ivan Tanev & Katsunori Shimohara. *Evolutionary Optimization of Pheromone-based Stigmergic Communication*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter,

Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 61–70, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Kyngas 12] Nico Kyngas, Dries Goossens, Kimmo Nurmi & Jari Kyngas. *Optimizing the Unlimited Shift Generation Problem*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 501–510, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Lamers 12] Maarten H. Lamers & Wim van Eck. *Why Simulate? Hybrid Biological-Digital Games*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 210–219, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Lanza-Gutierrez 12] José Manuel Lanza-Gutierrez, Juan Antonio Gómez-Pulido, Miguel A. Vega-Rodríguez & Juan Manuel Sánchez-Pérez. *Optimizing Energy Consumption in Heterogeneous Wireless Sensor Networks by Means of Evolutionary Algorithms*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 1–10, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Laredo 12] Juan Luis Jiménez Laredo, Pascal Bouvry, Sanaz Mostaghim & Juan-J Merelo-Guervós. *Validating a Peer-to-Peer Evolutionary Algorithm*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 431–440, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [LaRoche 12] Patrick LaRoche, A. Nur Zincir-Heywood & Malcolm I. Heywood. *Protocol Discovery and Analysis via Live Interaction*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 11–20, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Limmer 12] Steffen Limmer, Dietmar Fey, Ulrich Lohmann & Jürgen Jahns. *Evolutionary Design of Active Free Space Optical Networks Based on Digital Mirror Devices*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 21–30, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Mahlmann 12] Tobias Mahlmann, Julian Togelius & Georgios N. Yannakakis. *Spicing up Map Generation*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 220–229, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Mavrovouniotis 12] Michalis Mavrovouniotis & Shengxiang Yang. *Ant Colony Optimization with Immigrants Schemes for the Dynamic Vehicle Routing Problem*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 511–520, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Mayo 12] Michael Mayo. *Evolutionary Data Selection for Enhancing Models of Intraday Forex Time Series*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of

Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 180–189, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Merelo-Guervós 12] Juan-J Merelo-Guervós, Antonio Mora, J. Albert Cruz & Anna I Esparcia. *Pool-based Distributed Evolutionary Algorithms using an Object Database*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 441–450, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Millan-Ruiz 12] David Millan-Ruiz & José Ignacio Hidalgo. *Migration and Replacement Policies for Preserving Diversity in Dynamic Environments*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 451–460, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Mora 12] Antonio Mora, Antonio Fernández Ares, Juan-J Merelo-Guervós & Pablo García-Sánchez. *Dealing with Noisy Fitness in a RTS Game Bot Design*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 230–240, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Nogueira 12] Mariela Nogueira, Carlos Cotta & Antonio J. Fernández-Leiva. *On Modeling, Evaluating and Increasing Players’ Satisfaction Quantitatively: Steps towards a Taxonomy*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editeurs, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 241–250, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Pacula 12] Maciej Pacula, Jason Ansel, Saman Amarasinghe & Una-May O’Reilly. *Hyperparameter Tuning in Bandit-Based Adaptive Operator Selection*. In Cecilia



Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 71–80, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Perez 12] Diego Perez, Philipp Rohlfshagen & Simon Lucas. *Monte-Carlo Tree Search for the Physical Travelling Salesman Problem*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 251–260, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Pineda 12] Luis E. Pineda, A.E. Eiben & Marteen van Steen. *Evolving Communication in Robotic Swarms using On-line, On-board, Distributed Evolutionary Algorithms*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 521–530, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Preuss 12] Mike Preuss, Paolo Burelli & Georgios N. Yannakakis. *Diversified Virtual Camera Composition*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 261–270, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Radenski 12] Atanas Radenski. *Distributed Simulated Annealing with MapReduce*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC,

volume 7248 of *LNCS*, pages 461–470, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Richter 12] Hendrik Richter. *Analyzing Dynamic Fitness Landscapes of the Targeting Problem of Chaotic Systems*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 81–90, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Salo 12] Heikki Salo, Ville Tirronen & Ferrante Neri. *Evolutionary Regression Machines for Precision Agriculture*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 351–360, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Shaker 12] Noor Shaker, Georgios N. Yannakakis & Julian Togelius. *Digging Deeper into Platform Game Level Design: Session Size and Sequential Features*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 271–280, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Sherry 12] Dylan Sherry, Kalyan Veeramachaneni, James McDermott & Una-May O’Reilly. *FlexGP: Genetic Programming on the Cloud*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 471–480, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Shukla 12] Pradyumn Kumar Shukla, Christian Hirsch & Hartmut Schmeck. *Towards a Deeper Understanding of Trade-offs using Multi-objective Evolutionary Algorithms*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J.

Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 391–400, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Simões 12] Anabela Simões & Ernesto Costa. *Virtual Loser Genetic Algorithm for Dynamic Environments*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 531–540, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Skormin 12] Victor Skormin, Tomas Nykodym, Andrey Dolgikh & James Antonakos. *Customized Normalcy Profiles for the Detection of Targeted Attacks*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 481–490, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Tabia 12] Nourredine Tabia, Alexandre Gondran, Oumaya Baala & Alexandre Caminada. *Frequency Robustness Optimization with respect to Traffic Distribution for LTE System*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 31–40, Malaga, Spain, 11-13 April 2012. Springer Verlag.

[Trueba 12] Pedro Trueba, Abraham Prieto, Francisco Bellas, Pilar Caamaño & Richard J. Duro. *Self-Organization and Specialization in Multiagent Systems through Open-ended Natural Evolution*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 91–100, Malaga, Spain, 11-13 April 2012. Springer Verlag.

- [Turkey 12] Mikdam Turkey & Riccardo Poli. *An Empirical Tool for Analysing the Collective Behaviour of Population-based Algorithms*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 101–110, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Wang 12] Crown Guan Wang & Kwok Yip Szeto. *Sales Potential Optimization on Directed Social Networks: A Quasi-Parallel Genetic Algorithm Approach*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 111–120, Malaga, Spain, 11-13 April 2012. Springer Verlag.
- [Weel 12] Berend Weel, Evert Haasdijk & A.E. Eiben. *The Emergence of Multi-Robot Organisms using On-line On-board evolution*. In Cecilia Di Chio, Alexandros Agapitos, Stefano Cagnoni, Carlos Cotta, F. Fernandez de Vega, Gianni A. Di Caro, Rolf Drechsler, Aniko Ekart, Anna I Esparcia-Alcazar, Muddassar Farooq, William B. Langdon, Juan J. Merelo, Mike Preuss, Hendrik Richter, Sara Silva, Anabela Simoes, Giovanni Squillero, Ernesto Tarantino, Andrea G. B. Tettamanzi, Julian Togelius, Neil Urquhart, A. Sima Uyar & Georgios N. Yannakakis, editors, Applications of Evolutionary Computing, EvoApplications2012: EvoCOMNET, EvoCOMPLEX, EvoFIN, EvoGAMES, EvoHOT, EvoIASP, EvoNUM, EvoPAR, EvoRISK, EvoSTIM, EvoSTOC, volume 7248 of *LNCS*, pages 121–130, Malaga, Spain, 11-13 April 2012. Springer Verlag.