## Список литературы

- [1] Ashraf M. Abdelbar ja Donald C. Wunsch. Improving the performance of max-min ant system on the tsp using stubborn ants. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1395–1396, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [2] Nassima Aleb ja Samir Kechid. A new framework for scalable genetic programming. Kirjassa Steven Gustafson ja Ekaterina Vladislavleva, toim., *GECCO 2012 Symbolic regression and modeling workshop*, ss. 487–492, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [3] Aniesha Alford, Joshua Adams, Joseph Shelton, Kelvin Bryant, John Kelly, ja Gerry Dozier. Analyzing the cross-generalization ability of a hybrid genetic & evolutionary application for multibiometric feature weighting and selection. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1521–1522, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [4] Babak Amiri, Liaquat Hossain, ja John Crowford. A multiobjective hybrid evolutionary algorithm for clustering in social networks. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1445–1446, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [5] Anne Auger ja Nikolaus Hansen. Tutorial cma-es: evolution strategies and covariance matrix adaptation. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 827–848, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [6] Jaume Bacardit ja Xavier Llorà. Large scale data mining using genetics-based machine learning. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1171–1196, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [7] Thomas Baeck. Evolution strategies: basic introduction. Kirjassa Gabriela Ochoa, toim., *GECCO* 2012 Introductory tutorials, ss. 711–736, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [8] Amit Banerjee. Density-based evolutionary outlier detection. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 651–652, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [9] Alberto Bartoli, Giorgio Davanzo, Andrea De Lorenzo, Marco Mauri, Eric Medvet, ja Enrico Sorio. Automatic generation of regular expressions from examples with genetic programming.

Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1477–1478, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [10] Thomas Bartz-Beielstein, Oliver Flasch, ja Martin Zaefferer. Sequential parameter optimization for symbolic regression. Kirjassa Steven Gustafson ja Ekaterina Vladislavleva, toim., GECCO 2012 Symbolic regression and modeling workshop, ss. 495–496, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [11] Mosab Bazargani, António Anjos, Fernando Lobo, Ali Mollahosseini, ja Hamid Shahbazkia. Affine image registration transformation estimation using a real coded genetic algorithm with sbx. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1459–1460, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [12] Ana L.C. Bazzan. Co-evolution of the dynamics in population games: the case of traffic flow assignment. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1523–1524, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [13] Andreas Beham, Erik Pitzer, Stefan Wagner, Michael Affenzeller, Klaus Altendorfer, Thomas Felberbauer, ja Martin Bäck. Integration of flexible interfaces in optimization software frameworks for simulation-based optimization. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 125–132, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [14] Behzad Behzadan ja Robert Elliott Smith. An information-based approach towards neuro-evolution. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1491–1492, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [15] Paul Beliveau, Greg Hornby, ja Josh Bongard. Interactive simulated robot construction and controller evolution. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 627–628, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [16] Amit Benbassat ja Moshe Sipper. Evolving players that use selective game-tree search with genetic programming. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 631–632, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [17] Omri Bernstein. Flea market simulator: a market simulator for experiments on the computational evolution of trading strategies for economic agents. Kirjassa Sherri Goings, toim., *Tenth GECCO Undergraduate Student Workshop*, ss. 549–554, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [18] Vitoantonio Bevilacqua, Giuseppe Filograno, Michele Fiorentino, ja Antonio E. Uva. Early diagnosis of lung tumors by genetically optimized 3d-metaball malignancy metric. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC), ss. 531–538, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [19] Josh Bongard, Paul Beliveau, ja Gregory Hornby. Avoiding local optima with interactive evolutionary robotics. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1405–1406, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [20] Dimo Brockhoff, Anne Auger, ja Nikolaus Hansen. On the effect of mirroring in the ipop active cma-es on the noiseless bbob testbed. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., Black box optimization benchmarking 2012 (BBOB 2012), ss. 277–284, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [21] Keki Burjorjee. Explaining adaptation in genetic algorithms with uniform crossover: the hyperclimbing hypothesis. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1461–1462, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [22] William S. Bush. Introduction to bioinformatics and computational biology. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1141–1170, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [23] Maxim Buzdalov ja Andrey Sokolov. Evolving efsms solving a path-planning problem by genetic programming. Kirjassa Alison Motsinger-Reif, toim., GECCO 2012 Graduate Students Workshop, ss. 591–594, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [24] Chad Byers, Betty Cheng, ja Philip McKinley. Exploring the evolution of internal control structure using digital enzymes. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg

- Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1407–1408, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [25] Stefano Cagnoni, Oscar Cordón, Pablo Mesejo, Youssef S.G. Nashed, ja Roberto Ugolotti. First results and future developments of the mibisoc project in the ibislab of the university of parma. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC), ss. 509–516, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [26] Murillo Guimaraes Carneiro ja Gina Maira Barbosa Oliveira. Synchronous cellular automata scheduler with construction heuristic to static task scheduling in multiprocessors. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1433–1434, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [27] Alberto Castellini, Vincenzo Manca, Mauro Zucchelli, ja Mirko Busato. A genetic approach for synthesizing metabolic models from time series. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1415–1416, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [28] Evellyn S. Cavalcante, André L.L. Aquino, Gisele L. Pappa, ja Antonio A.F. Loureiro. Roadside unit deployment for information dissemination in a vanet: an evolutionary approach. Kirjassa Alexandru-Adrian Tantar, Emilia Tantar, ja Peter A.N. Bosman, toim., GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC), ss. 27–34, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [29] Shane Eric Celis ja Josh Bongard. Not all physics simulators can be wrong in the same way. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 659–660, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [30] Ni Chen, Jun Zhang, ja Ou Liu. Adaptive genetic algorithm based on density distribution of population. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1543–1544, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [31] Daniil Chivilikhin, Vladimir Ulyantsev, ja Fedor Tsarev. Test-based extended finite-state machines induction with evolutionary algorithms and ant colony optimization. Kirjassa Alison

- Motsinger-Reif, toim., *GECCO 2012 Graduate Students Workshop*, ss. 603–606, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [32] Yao-Chen Chuang ja Chyi-Tsong Chen. Black-box optimization benchmarking for noiseless function testbed using a direction-based rcga. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., *Black box optimization benchmarking 2012 (BBOB 2012)*, ss. 167–174, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [33] Carlos Artemio Coello Coello. Constraint-handling techniques used with evolutionary algorithms. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 849–872, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [34] Mark Coletti. The effects of training set size and keeping rules on the emergent selection pressure of learnable evolution model. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1505–1506, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [35] Pierre Collet ja Simon Harding. Evolutionary algorithms and genetic programming on graphic processing units (gpu). Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Specialized techniques and applications tutorials*, ss. 1117–1138, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [36] Claudio Comis Da Ronco ja Ernesto Benini. Gedea-ii: a simplex-crossover based multi objective evolutionary algorithm including the genetic diversity asobjective. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 619–620, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [37] Brian D. Connelly, Luis Zaman, ja Philip K. McKinley. The seeds platform for evolutionary and ecological simulations. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, ss. 133–140, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [38] Joao Correia, Penousal Machado, ja Juan Romero. Improving haar cascade classifiers through the synthesis of new training examples. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1479–1480, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [39] Arman Darvish, Shahryar Rahnamayan, ja Zaid S. Mohamad. Interactive differential evolution for prostate ultrasound image thresholding. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC), ss. 501–508, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [40] Kenneth De Jong. Evolutionary computation: a unified approach. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Introductory tutorials, ss. 737–750, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [41] Vinícius Veloso de Melo. Benchmarking the multi-view differential evolution on the noiseless bbob-2012 function testbed. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., *Black box optimization benchmarking 2012 (BBOB 2012)*, ss. 183–188, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [42] Marcio de Oliveira Barros, Hélio Rodrigues Costa, Fábio Vitorino Figueiredo, ja Ana Regina Cavalcanti da Rocha. Multiobjective optimization for project portfolio selection. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1541–1542, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [43] François-Michel De Rainville, Félix-Antoine Fortin, Marc-André Gardner, Marc Parizeau, ja Christian Gagné. Deap: a python framework for evolutionary algorithms. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 85–92, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [44] Felix Dobslaw. Input: the intelligent parameter utilization tool. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., *GECCO 2012 Evolutionary Computation Software Systems (EvoSoft)*, ss. 149–156, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [45] Benjamin Doerr. Black-box complexity: from complexity theory to playing mastermind. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1079– 1092, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [46] Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret. Evo-devo-robo workshop program. Kirjassa Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret, toim., GECCO 2012 Evolutionary developmental robotics, ss. 355–356, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [47] Laurent Dumas, Pierre Boutouyrie, ja Erwan Bozec. An optimal reconstruction of the human arterial tree from doppler echotracking measurements. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC), ss. 517–522, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [48] Mostafa Mostafa Hashim Ellabaan ja Yew Soon Ong. Experiences on memetic computation for locating transition states in biochemical applications. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 623–624, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [49] Amanda English, Holly Petruso, ja Chong Wang. Grammatical evolution decision trees for trio designs. Kirjassa Sherri Goings, toim., *Tenth GECCO Undergraduate Student Workshop*, ss. 559–562, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [50] David Fagan, Erik Hemberg, Miguel Nicolau, Michael O'Neill, ja Sean McGarraghy. Towards adaptive mutation in grammatical evolution. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic

- and evolutionary computation conference companion, ss. 1481–1482, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [51] Carlos Miguel Fernandes, Antonio Mora, Juan Julian Merelo, Francisco Fernández, ja Agostinho Rosa. Generating colored 2-dimensional representations of sleep eeg with the kants clustering algorithm. Kirjassa Richard Everson, Jonathan Fieldsend, ja David Walker, toim., GECCO 2012 Visualisation methods for genetic and evolutionary computation (VizGEC), ss. 435–442, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [52] Cyril Fonlupt ja Denis Robilliard. Combining programs to counter code disruption. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 643–644, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [53] Stephanie Forrest ja Claire LeGoues. Evolutionary software repair. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1345–1348, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [54] Nugroho Fredivianus, Kais Kara, ja Hartmut Schmeck. Stay real!: Xcs with rule combining for real values. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1493–1494, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [55] Wenlong Fu, Mark Johnston, ja Mengjie Zhang. Genetic programming for edge detection based on figure of merit. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1483–1484, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [56] David J. Gagne. Gamiv: a genetic algorithm for identifying variable-lengthmotifs in noncoding dna. Kirjassa Sherri Goings, toim., Tenth GECCO Undergraduate Student Workshop, ss. 555–558, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [57] Yifeng Gao ja Dan Lv. Principal coordinate strategy: a novel adaptive control strategy for differential evolution. Kirjassa Sherri Goings, toim., Tenth GECCO Undergraduate Student Workshop, ss. 573–578, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [58] Eric Rincon García, Roman Mora Gutiérrez, Pedro Lara Velázquez, Antonin Ponsich, Miguel Ángel Gutiérrez Andrade, ja Sergio De Los Cobos Silva. A discrete artificial bee colony algorithm for the multi-objective redistricting problem. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1439–1440, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [59] Deon Garrett. A call for collaborative landscape analysis. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 409–416, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [60] Brian W. Goldman ja Daniel R. Tauritz. Supportive coevolution. Kirjassa Gisele L. Pappa, John Woodward, Matthew R. Hyde, ja Jerry Swan, toim., GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms, ss. 59–66, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [61] Faustino Gomez, Jan Koutník, ja Jürgen Schmidhuber. Complexity search for compressed neural networks. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1455–1456, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [62] Erik D. Goodman. Introduction to genetic algorithms. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Introductory tutorials, ss. 671–692, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [63] Francesco Gullo, AKM Khaled Talukder, Sean Luke, Carlotta Domeniconi, ja Andrea Tagarelli. Multiobjective optimization of co-clustering ensembles. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1495–1496, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [64] Sen Han. Batting order optimization by genetic algorithm. Kirjassa Alison Motsinger-Reif, toim., GECCO 2012 Graduate Students Workshop, ss. 599–602, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [65] Kyle I. Harrington, Lee Spector, Jordan B. Pollack, ja Una-May O'Reilly. Autoconstructive evolution for structural problems. Kirjassa Gisele L. Pappa, John Woodward, Matthew R. Hyde, ja Jerry Swan, toim., GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms, ss. 75–82, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [66] B. Hoda Helmi, Martin Pelikan, ja Adel T. Rahmani. Linkage learning using the maximum spanning tree of the dependency graph. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1429–1430, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [67] Thomas Helmuth ja Lee Spector. Empirical investigation of size-based tournaments for node selection in genetic programming. Kirjassa Terry Soule, Anne Auger, Jason Moore, David

- Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1485–1486, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [68] Erik Hemberg, Kalyan Veeramachaneni, ja Una-May O'Reilly. Graphical models and what they reveal about gp when it solves a symbolic regression problem. Kirjassa Steven Gustafson ja Ekaterina Vladislavleva, toim., GECCO 2012 Symbolic regression and modeling workshop, ss. 493–494, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [69] Tsung-Yu Ho ja Tian-Li Yu. A linkage-learning niching in estimation of distribution algorithm. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 649–650, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [70] Kristopher Hoover, Rachel Marceau, Tyndall Harris, David Reif, ja Alison Motsinger-Reif. A comparison of ge optimized neural networks and decision trees. Kirjassa Alison Motsinger-Reif, toim., GECCO 2012 Graduate Students Workshop, ss. 611–614, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [71] Chung-Hsiang Hsueh ja Tian-Li Yu. Affective content based music video paring system using real coded ga. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1427–1428, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [72] Zhi hui Zhan ja Jun Zhang. Enhance differential evolution with random walk. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1513–1514, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [73] Stephan Hutterer, Michael Affenzeller, ja Franz Auinger. Evolutionary optimization of multiagent controlstrategies for electric vehicle charging. Kirjassa Alexandru-Adrian Tantar, Emilia Tantar, ja Peter A.N. Bosman, toim., GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC), ss. 3–10, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [74] David Iclanzan, Noémi Gaskó, ja D. Dumitrescu. Evolving mixed nash equilibria for bimatrix games. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 655–656, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [75] Sahbi Ben Ismail, François Legras, ja Gilles Coppin. A new interactive evolutionary algorithm for the vehicle routing problem. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 661–668, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [76] Thomas Jansen ja Christine Zarges. Artificial immune systems for optimisation. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1059–1078, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [77] Khalid Jebari, Abdelaziz Bouroumi, ja Aziz Ettouhami. Genetic fuzzy rules for dops. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1507–1508, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [78] Henri C. Jimbo ja Matthew J. Craven. A dynamical model of cancer chemotherapy with disturbance. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1417–1418, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [79] Michal Joachimczak, Taras Kowaliw, Rene Doursat, ja Borys Wróbel. Evolving morphologies and controllers for soft-bodied multicellular animats using gene regulatory networks and artificial embryogenesis. Kirjassa Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret, toim., GECCO 2012 Evolutionary developmental robotics, ss. 357–360, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [80] Bryant A. Julstrom. Clans and cooperation in the iterated prisoner's dilemma. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1463–1464, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [81] Maximos A. Kaliakatsos-Papakostas, Andreas Floros, Nikolaos Kanellopoulos, ja Michael N. Vrahatis. Genetic evolution of l and fl-systems for the production of rhythmic sequences. Kirjassa F. Fernandez de Vega ja Carlos Cotta, toim., GECCO 2012 Evolutionary music, ss. 461–468, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [82] Ahmed Kattan ja Shaheen Fatima. Evolving optimal agendas and strategies for negotiation in dynamic environments: a surrogate based approach. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic

- and evolutionary computation conference companion, ss. 1435–1436, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [83] Jinhyun Kim ja Byung-Ro Moon. New malware detection system using metric-based method and hybrid genetic algorithm. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1527–1528, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [84] Matt Knudson ja Kagan Tumer. Policy transfer in mobile robots using neuro-evolutionary navigation. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1411–1412, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [85] Kazuki Komiya, Nasimul Noman, ja Hitoshi Iba. The search for robust topologies of oscillatory gene regulatory networks by evolutionary computation. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1419–1420, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [86] Michael Kommenda, Gabriel Kronberger, Stefan Wagner, Stephan Winkler, ja Michael Affenzeller. On the architecture and implementation of tree-based genetic programming in heuristiclab. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 101–108, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [87] Mark Kotanchek. Robust function discovery and feature selection for life sciences and engineering. Kirjassa Steven Gustafson ja Ekaterina Vladislavleva, toim., GECCO 2012 Symbolic regression and modeling workshop, ss. 497–498, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [88] Krzysztof Krawiec ja Tomasz Pawlak. Locally geometric semantic crossover. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1487–1488, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [89] Pavel Kromer, Lukas Prokop, Vaclav Snasel, Stanislav Misak, Jan Platos, ja Ajith Abraham. Evolutionary prediction of photovoltaic power plant energy production. Kirjassa Alexandru-Adrian Tantar, Emilia Tantar, ja Peter A.N. Bosman, toim., GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC), ss. 35–42, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [90] Timothy J. Kuehn. Evolutionary fabrication: a system of autonomous invention. Kirjassa Sherri Goings, toim., Tenth GECCO Undergraduate Student Workshop, ss. 579–584, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [91] Poming Lee, Yun Teng, ja Tzu-Chien Hsiao. Xcsf for prediction on emotion induced by image based on dimensional theory of emotion. Kirjassa Daniele Loiacono, Albert Orriols-Puig, ja Ryan Urbanowicz, toim., Fifteenth international workshop on learning classifier systems (ICWLS), ss. 375–382, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [92] Per Kristian Lehre. Drift analysis. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1239–1258, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [93] Tianjun Liao, Daniel Molina, Thomas Stutzle, Marco A. Montes de Oca, ja Marco Dorigo. An aco algorithm benchmarked on the bbob noiseless function testbed. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., Black box optimization benchmarking 2012 (BBOB 2012), ss. 159–166, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [94] Daniele Loiacono ja Mike Preuß. Computational intelligence in games. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1139–1140, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [95] Yuan long Li, Jun Zhang, ja Wei neng Chen. Differential evolution algorithm with pca-based crossover. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1509–1510, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [96] Giuseppe Longo, Maël Montévil, ja Stuart Kauffman. No entailing laws, but enablement in the evolution of the biosphere. Kirjassa Jason H. Moore, toim., *GECCO 2012 Keynote talks*, ss. 1379–1392, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [97] Eunice López-Camacho, Hugo Terashima-Marín, ja Santiago Enrique Conant-Pablos. The impact of the bin packing problem structure in hyper-heuristic performance. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1545–1546, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [98] Ilya Loshchilov, Marc Schoenauer, ja Michele Sebag. Black-box optimization benchmarking of ipop-saacm-es and bipop-saacm-es on the bbob-2012 noiseless testbed. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., Black box optimization benchmarking 2012 (BBOB 2012), ss. 175–182, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [99] Nuno Lourenço, Francisco Pereira, ja Ernesto Costa. Evolving evolutionary algorithms. Kirjassa Gisele L. Pappa, John Woodward, Matthew R. Hyde, ja Jerry Swan, toim., GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms, ss. 51–58, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [100] Nija Mani, Gursaran Srivastava, Arun Kumar Sinha, ja Ashish Mani. An evaluation of cellular population model for improving quantum-inspired evolutionary algorithm. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1437–1438, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [101] Narine Manukyan, Margaret J. Eppstein, Jeffrey D. Horbar, Kathleen A. Leahy, Michael J. Kenny, Shreya Mukherjee, ja Donna M. Rizzo. Evolutionary mining for multivariate associations in large time-varying data sets: a healthcare network application. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1547–1548, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [102] Skylar Marvel ja Alison Motsinger-Reif. Grammatical evolution support vector machines for predicting human genetic disease association. Kirjassa Alison Motsinger-Reif, toim., GECCO 2012 Graduate Students Workshop, ss. 595–598, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [103] Luis Matoso, Felipe Junior, Adriano Pereira, Adriano Veloso, ja Jr. Wagner Meira. New evolutionary approaches to high-dimensional data. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1447–1448, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [104] Jorge Maturana, Fernando Vergara, Cristian Rojas, Frédéric Saubion, Felipe Vargas, ja Daniel Vidal. Improving clonal colony optimization to evolve robust solutions. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1511–1512, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [105] Kent McClymont, David Walker, ja Max Dupenois. The lay of the land: a brief survey of problem understanding. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 425–432, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [106] Juan J. Merelo, Carlos M. Fernandes, Antonio M. Mora, ja Anna I. Esparcia. Sofea: a pool-based framework for evolutionary algorithms using couchdb. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 109–116, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [107] Juan-Julián Merelo-Guervós, Antonio M. Mora, Anna I. Esparcia, ja Carlos M. Fernandes. Validating design choices in a pool-based distributed evolutionary algorithms architecture. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1517–1518, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [108] Julian Francis Miller ja Simon Harding. Gecco 2012 tutorial: cartesian genetic programming. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1093–1116, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [109] Miha Mlakar, Tea Tuaar, ja Bogdan Filipić. Discrete vs. continuous multiobjective optimization of continuous casting of steel. Kirjassa Alison Motsinger-Reif, toim., GECCO 2012 Graduate Students Workshop, ss. 587–590, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [110] Alberto Moraglio. Geometry of evolutionary algorithms. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1317–1344, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [111] Shreya Mukherjee ja Margaret J. Eppstein. Differential evolution of constants in genetic programming improves efficacy and bloat. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 625–626, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [112] Youssef S.G. Nashed, Roberto Ugolotti, Pablo Mesejo, ja Stefano Cagnoni. libcudaoptimize: an open source library of gpu-based metaheuristics. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 117–124, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [113] Md Nasir, Soumyadip Sengupta, Swagatam Das, ja Sanjoy Das. Configuration of sensors on a 3-d terrain: an approach based on evolutionary multi-objective optimization. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1443–1444, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [114] Frank Neumann ja Carsten Witt. Bioinspired computation in combinatorial optimization: algorithms and their computational complexity. Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Advanced tutorials*, ss. 1035–1058, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [115] Marco S. Nobile, Daniela Besozzi, Paolo Cazzaniga, Giancarlo Mauri, ja Dario Pescini. Estimating reaction constants in stochastic biological systems with a multi-swarm pso running on gpus. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1421–1422, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [116] Vahid Noroozi, Ali B. Hashemi, ja Mohammad Reza Meybodi. Alpinist cellularde: a cellular based optimization algorithm for dynamic environments. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1519–1520, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [117] Seyednaser Nourashrafeddin, Dirk Arnold, ja Evangelos Milios. An evolutionary subspace clustering algorithm for high-dimensional data. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1497–1498, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [118] Gabriela Ochoa. Hyper-heuristics and cross-domain optimization. Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Specialized techniques and applications tutorials*, ss. 1197–1214, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [119] Tomasz Oliwa ja Khaled Rasheed. A surrogate-assisted and informed linkage aware ga. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1467–1468, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [120] Charles Ollion, Tony Pinville, ja Stéphane Doncieux. Emergence of memory in neuroevolution: impact of selection pressures. Kirjassa Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret, toim., GECCO 2012 Evolutionary developmental robotics, ss. 369–372, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [121] Satoshi Ono ja Shigeru Nakayama. User-system cooperative evolution for japanese anagram sentence generation. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank

- Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1529–1530, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [122] Una-May O'Reilly. Genetic programming: a tutorial introduction. Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Introductory tutorials*, ss. 693–710, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [123] Fernando Otero, Tom Castle, ja Colin Johnson. Epochx: genetic programming in java with statistics and event monitoring. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 93–100, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [124] A. Pinar Ozisik ja Kyle I. Harrington. The effects of tags on the evolution of honest signaling. Kirjassa Forrest Stonedahl ja Rick Riolo, toim., GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS), ss. 345–352, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [125] Nikhil Padhye. Evolutionary approaches for real world applications in 21st century. Kirjassa Nikhil Padhye, Aaron Baughman, Stefan Van Der Stock, Michael Perlitz, Steven M. Gustafson, ja Jonathan Jesneck, toim., GECCO 2012 Real world applications of evolutionary computation, ss. 43–48, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [126] Leon Palafox ja Iba Hitoshi. Gene regulatory network reverse engineering using population based incremental learning and k-means. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1423–1424, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [127] Michael E. Palmer ja Andrew K. Chou. An artificial visual cortex drives behavioral evolution in co-evolved predator and prey robots. Kirjassa Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret, toim., GECCO 2012 Evolutionary developmental robotics, ss. 361–364, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [128] Jonathan Pascalie, Valérie Lobjois, Hervé Luga, Bernard Ducommun, ja Yves Duthen. Checkpoint oriented cell-cycle simulation: critical role for age distribution initialization. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1425–1426, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [129] Martin Pelikan. Probabilistic model-building genetic algorithms. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Introductory tutorials, ss. 777–804, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [130] Dung H. Phan, Junichi Suzuki, Raymond Carroll, Sasitharan Balasubramaniam, William Donnelly, ja Dmitri Botvich. Evolutionary multiobjective optimization for green clouds. Kirjassa Alexandru-Adrian Tantar, Emilia Tantar, ja Peter A.N. Bosman, toim., GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC), ss. 19–26, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [131] Martin Pilat ja Roman Neruda. A surrogate multiobjective evolutionary strategy with local search and pre-selection. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 633–634, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [132] José Pinto ja Nuno Horta. Automated passive filter design using multi-objective genetic algorithms with variable parameters. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1531–1532, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [133] Erik Pitzer, Andreas Beham, ja Michael Affenzeller. Generic hardness estimation using fitness and parameter landscapes applied to robust taboo search and the quadratic assignment problem. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 393–400, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [134] Petr Poaík ja Václav Klema. Benchmarking the differential evolution with adaptive encoding on noiseless functions. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., Black box optimization benchmarking 2012 (BBOB 2012), ss. 189–196, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [135] Michael Porta ja Bryant A. Julstrom. Evolving instances of unconstrained binary quadratic programming that challenge a tabu search heuristic. Kirjassa Katya Rodriguez ja Christian Blum, toim., GECCO 2012 Late breaking abstracts workshop, ss. 639–640, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [136] Juan C. Quiroz, Amit Banerjee, ja Sushil J. Louis. 3-d modeling using collaborative evolution. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 653–654, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [137] Brigitte Rafael, Michael Affenzeller, ja Stefan Wagner. An adaption of the schema theorem to various crossover and mutation operators for a music segmentation problem. Kirjassa F. Fernandez de Vega ja Carlos Cotta, toim., GECCO 2012 Evolutionary music, ss. 469–476, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [138] Anguluri Rajasekhar, Swagatam Das, ja Sanjoy Das. muabc: a micro artificial bee colony algorithm for large scale global optimization. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1399–1400, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [139] Bill Rand, Alexandru-Adrian Tantar, Emilia Tantar, Peter A.N. Bosman, Nikhil Padhye, Aaron Baughman, Stefan Van Der Stock, Michael Perlitz, Steven M. Gustafson, Jonathan Jesneck, Gisele L. Pappa, John Woodward, Matthew R. Hyde, Jerry Swan, Stefan Wagner, Michael Affenzeller, Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, Mike Preuss, Forrest Stonedahl, Rick Riolo, Stephane Doncieux, Yaochu Jin, Jean-Baptiste Mouret, Daniele Loiacono, Albert Orriols-Puig, Ryan Urbanowicz, Kent McClymont, Ed Keedwell, Richard Everson, Jonathan Fieldsend, David Walker, F. Fernandez de Vega, Carlos Cotta, Steven Gustafson, Ekaterina Vladislavleva, Stephen L. Smith, Stefano Cagnoni, Robert M. Patton, Sherri Goings, Alison Motsinger-Reif, Katya Rodriguez, Christian Blum, Gabriela Ochoa, ja Jason H. Moore, toim. GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, Philadelphia, Pennsylvania, USA, 7-11 July 2012.
- [140] Tirtha Ranjeet, Philip Hingston, Chiou Peng Lam, ja Martin Masek. Evaluating coevolution on a multimodal problem. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1469–1470, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [141] Thomas Raway, David J. Schaffer, Kenneth J. Kurtz, ja Hiroki Sayama. Evolving data sets to highlight the performance differences between machine learning classifiers. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 657–658, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [142] Rommel G. Regis. Surrogate-assisted evolutionary programming for high dimensional constrained black-box optimization. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1431–1432, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [143] Gustavo Reis, Francisco Fernandéz, ja Aníbal Ferreira. Evolutionary algorithms and automatic transcription of music. Kirjassa F. Fernandez de Vega ja Carlos Cotta, toim., *GECCO 2012 Evolutionary music*, ss. 477–484, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [144] William K. Richard ja Stephen M. Majercik. Swarm-based path creation in dynamic environments for search and rescue. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1401–1402, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [145] John Rieffel ja Schuyler Smith. Growing and evolving soft robots with a face-encoding tetrahedral grammar. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1457–1458, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [146] Kamil Rocki ja Reiji Suda. An efficient gpu implementation of a multi-start tsp solver for large problem instances. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1441–1442, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [147] Tim Rogalsky. Bezier control parameterization for evolutionary optimization in disease models. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC), ss. 523–530, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [148] Franz Rothlauf. Representations for evolutionary algorithms. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 873–894, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [149] Jonathan E. Rowe. Genetic algorithm theory. Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Advanced tutorials*, ss. 917–940, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [150] Maja Rudinac, Boris Lenseigne, ja Pieter P. Jonker. Empirical mode decomposition for saliency detection. Kirjassa Stephane Doncieux, Yaochu Jin, ja Jean-Baptiste Mouret, toim., GECCO 2012 Evolutionary developmental robotics, ss. 365–368, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [151] Matt Ryerkerk, Ron Averill, Kalyanmoy Deb, ja Erik Goodman. Meaningful representation and recombination of variable length genomes. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1471–1472, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [152] Roberto Santana, Alexander Mendiburu, ja Jose Lozano. Evolving nk-complexity for evolutionary solvers. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando

- Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., *GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion*, ss. 1473–1474, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [153] Tom Schaul. Benchmarking separable natural evolution strategies on the noiseless and noisy black-box optimization testbeds. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., *Black box optimization benchmarking 2012 (BBOB 2012)*, ss. 205–212, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [154] Andreas Scheibenpflug, Stefan Wagner, Erik Pitzer, ja Michael Affenzeller. Optimization knowledge base: an open database for algorithm and problem characteristics and optimization results. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2012 Evolutionary Computation Software Systems (EvoSoft), ss. 141–148, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [155] Nicolas Schneider. Generic prognosis with evolutionary approaches. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1501–1502, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [156] Carl Edward Schoonover. How to look inside the brain. Kirjassa Jason H. Moore, toim., *GECCO* 2012 Keynote talks, ss. 1393–1394, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [157] Mikhail A. Semenov ja Pierre Stratonowitch. Application of evolutionary algorithms for model calibration. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 621–622, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [158] Martha Johanna Sepúlveda, Wang Chau, Marius Strum, Cesar Pedraza, Guy Gogniat, ja Ricardo Pires. Multi-objective artificial immune algorithm for security-constrained multi-application noc mapping. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1449–1450, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [159] Mahdi Setayesh, Mengjie Zhang, ja Mark Johnston. A spatial random-meaningful neighbourhood topology in pso for edge detection in noisy images. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1403–1404, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [160] Ehsan Shafiee ja Emily Zechman. Integrating evolutionary computation and sociotechnical simulation for flushing contaminated water distribution systems. Kirjassa Forrest Stonedahl

- ja Rick Riolo, toim., GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS), ss. 315–322, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [161] Gene I. Sher. Forex trading using geometry sensitive neural networks. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1533–1534, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [162] Francisco J. Soltero, Diego J. Bodas-Sagi, Pablo Fernández-Blanco, J. Ignacio Hidalgo, ja Francisco Fernández de Vega. Optimization of technical indicators in real time with multiobjective evolutionary algorithms. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1535–1536, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [163] Hyun soo Park ja Kyung Joong Kim. Automatic python programming using stack-based genetic programming. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 641–642, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [164] Lee Spector. Assessment of problem modality by differential performance of lexicase selection in genetic programming: a preliminary report. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 401–408, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [165] Rupesh Kumar Srivastava, Jürgen Schmidhuber, ja Faustino Gomez. Generalized compressed network search. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 647–648, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [166] Kenneth O. Stanley. Evolving neural networks. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Introductory tutorials, ss. 805–826, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [167] Mihai Suciu, Marcel Cremene, Florin Pop, ja Dumitru Dumitrescu. Equitable solutions in qos-aware service optimization. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1537–1538, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [168] Dirk Sudholt. Theory of swarm intelligence. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Specialized techniques and applications tutorials, ss. 1215–1238, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [169] Quan Sun, Bernhard Pfahringer, ja Michael Mayo. Full model selection in the space of data mining operators. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1503–1504, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [170] Maxine Tan, Rudi Deklerck, Bart Jansen, ja Jan Cornelis. Analysis of a feature-deselective neuroevolution classifier (fd-neat) in a computer-aided lung nodule detection system for ct images. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., *GECCO 2012 Medical applications of genetic and evolutionary computation workshop (MedGEC)*, ss. 539–546, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [171] Jeffrey Thompson. Trade-offs using gamid for the inference of dna motifs that are represented in only a subset of sequences of interest. Kirjassa Sherri Goings, toim., *Tenth GECCO Undergraduate Student Workshop*, ss. 563–568, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [172] Renato Tinós. Analysing fitness landscape changes in evolutionary robots. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 385–392, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [173] Emma Tosch ja Lee Spector. Achieving cosmos: a metric for determining when to give up and when to reach for the stars. Kirjassa Kent McClymont ja Ed Keedwell, toim., 1st workshop on Understanding Problems (GECCO-UP), ss. 417–424, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [174] Jamal Toutouh ja Enrique Alba. Green olsr in vanets with differential evolution. Kirjassa Alexandru-Adrian Tantar, Emilia Tantar, ja Peter A.N. Bosman, toim., GECCO 2012 Green and Efficient Energy Applications of Genetic and Evolutionary Computation Workshop (GreenGEC), ss. 11–18, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [175] Leonardo Trujillo, Yuliana Martinez, Edgar Galvan Lopez, ja Pierrick Legrand. A comparative study of an evolvability indicator and a predictor of expected performance for genetic programming. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1489–1490, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [176] Chun-Wei Tsai, Tzu-Yuan Lin, Ming-Chao Chiang, Chu-Sing Yang, ja Tzung-Pei Hong. Continuous space pattern reduction for genetic clustering algorithm. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth

- international conference on Genetic and evolutionary computation conference companion, ss. 1475–1476, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [177] Shigeyoshi Tsutsui ja Noriyuki Fujimoto. On the effect of using multiple gpus in solving qaps with cuda. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 629–630, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [178] Sjors van Berkel, Daniel Turi, Andrei Pruteanu, ja Stefan Dulman. Automatic discovery of algorithms for multi-agent systems. Kirjassa Forrest Stonedahl ja Rick Riolo, toim., *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, ss. 337–344, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [179] Rinde R.S. van Lon, Tom Holvoet, Greet Vanden Berghe, Tom Wenseleers, ja Juergen Branke. Evolutionary synthesis of multi-agent systems for dynamic dial-a-ride problems. Kirjassa Forrest Stonedahl ja Rick Riolo, toim., GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS), ss. 331–336, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [180] Sébastien Verel. Fitness landscapes and graphs: multimodularity, ruggedness and neutrality. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 1013–1034, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [181] Costas Voglis, Grigoris S. Piperagkas, Konstantinos E. Parsopoulos, Dimitris G. Papageorgiou, ja Isaac E. Lagaris. Mempsode: an empirical assessment of local search algorithm impact on a memetic algorithm using noiseless testbed. Kirjassa Anne Auger, Alexandre Chotard, Nikolaus Hansen, Verena Heidrich-Meisner, Olaf Mersmann, Petr Posik, ja Mike Preuss, toim., Black box optimization benchmarking 2012 (BBOB 2012), ss. 245–252, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [182] Stefan Wagner ja Gabriel Kronberger. Algorithm and experiment design with heuristic lab: an open source optimization environment for research and education. Kirjassa Gabriela Ochoa, toim., *GECCO 2012 Specialized techniques and applications tutorials*, ss. 1287–1316, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [183] David Walker, Jonathan Fieldsend, ja Richard Everson. Visualising many-objective populations. Kirjassa Richard Everson, Jonathan Fieldsend, ja David Walker, toim., *GECCO 2012 Visualisation methods for genetic and evolutionary computation (VizGEC)*, ss. 451–458, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [184] Darrell Whitley ja Andrew Sutton. Elementary landscapes: theory and applications. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 941–960, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [185] Mark Wineberg. Statistical analysis for evolutionary computation: an introduction. Kirjassa Gabriela Ochoa, toim., GECCO 2012 Advanced tutorials, ss. 895–916, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [186] C. Jason Woodard ja Eric K. Clemons. Modeling technology evolution using generalized genotype-phenotype maps. Kirjassa Forrest Stonedahl ja Rick Riolo, toim., GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS), ss. 323–330, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [187] John R. Woodward ja Jerry Swan. The automatic generation of mutation operators for genetic algorithms. Kirjassa Gisele L. Pappa, John Woodward, Matthew R. Hyde, ja Jerry Swan, toim., GECCO 2012 2nd Workshop on Evolutionary Computation for the Automated Design of Algorithms, ss. 67–74, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [188] Kwaku Yeboah-Antwi. Evolving software applications using genetic programming pushcalc: the evolved calculator. Kirjassa Sherri Goings, toim., *Tenth GECCO Undergraduate Student Workshop*, ss. 569–572, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.

- [189] Oleksandr Yefimochkin, Rui Neves, ja Nuno Horta. An evolutionary approach to define investment strategies based on macroeconomic indicators and vix data. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1539–1540, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [190] Du-Mim Yoon ja Kyung-Joong Kim. Comparison of scoring methods for interactive evolutionary computation based image retouching system. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 617–618, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [191] Martin Zaefferer, Thomas Bartz-Beielstein, Martina Friese, Boris Naujoks, ja Oliver Flasch. Multi-criteria optimization for hard problems under limited budgets. Kirjassa Terry Soule, Anne Auger, Jason Moore, David Pelta, Christine Solnon, Mike Preuss, Alan Dorin, Yew-Soon Ong, Christian Blum, Dario Landa Silva, Frank Neumann, Tina Yu, Aniko Ekart, Wil Browne, Tim Kovacs, Man-Leung Wong, Clara Pizzuti, Jon Rowe, Tobias Friedrich, Giovanni Squillero, Nicolas Bredeche, Stephen Smith, Alison Motsinger-Rei, Jose Lozano, Martin Pelikan, Silja Meyer-Nienber, Christian Igel, Greg Hornby, Rene Doursat, Steve Gustafson, Gustavo Olague, Shin Yoo, John Clark, Gabriela Ochoa, Gisele Pappa, Fernando Lobo, Daniel Tauritz, Jurgen Branke, ja Kalyanmoy Deb, toim., GECCO Companion '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference companion, ss. 1451–1452, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [192] Susanne Zaglauer. The evolutionary algorithm samoa with use of dynamic constraints. Kirjassa Katya Rodriguez ja Christian Blum, toim., *GECCO 2012 Late breaking abstracts workshop*, ss. 635–636, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.
- [193] Xue-Feng Zhang, Miyuki Koshimura, Hiroshi Fujita, ja Ryuzo Hasegawa. Hybrid particle swarm optimization and convergence analysis for scheduling problems. Kirjassa Forrest Stonedahl ja Rick Riolo, toim., *GECCO 2012 Evolutionary computation and multi-agent systems and simulation (ECoMASS)*, ss. 307–314, Philadelphia, Pennsylvania, USA, 7-11 July 2012. ACM.