Список литературы

- [1] Youhei Akimoto ja Anne Auger. Theory of evolution strategies and related algorithms. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 575–588, Madrid, Spain, 11-15 July 2015. ACM.
- [2] Youhei Akimoto, Anne Auger, ja Nikolaus Hansen. Continuous optimization and cma-es. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 313–344, Madrid, Spain, 11-15 July 2015. ACM.
- [3] Enrique Alba. Intelligent systems for smart cities. Kirjassa Anabela Simoes, toim., *GECCO* 2015 Specialized Tutorials, ss. 707–722, Madrid, Spain, 11-15 July 2015. ACM.
- [4] Hamzeh J. Aljawawdeh, Christopher L. Simons, ja Mohammed Odeh. Metaheuristic design pattern: Preference. Kirjassa Chris Simons, Jerry Swan, Krzysztof Krawiec, Daniel Tauritz, ja Jim Smith, toim., GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15), ss. 1257–1260, Madrid, Spain, 11-15 July 2015. ACM.
- [5] Lokman Altin, Haluk Rahmi Topcuoglu, ja Murat Ermis. Evolutionary dynamic optimization techniques for marine contamination problem. Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 889–892, Madrid, Spain, 11-15 July 2015. ACM.
- [6] Khulood Alyahya ja Jonathan E. Rowe. Landscape properties of the 0-1 knapsack problem. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1343–1344, Madrid, Spain, 11-15 July 2015. ACM.
- [7] Maria-Yaneli Ameca-Alducin, Efren Mezura-Montes, ja Nicandro Cruz-Ramirez. Differential evolution with a repair method to solve dynamic constrained optimization problems. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1169–1172, Madrid, Spain, 11-15 July 2015. ACM.
- [8] Lourdes Araujo, Juan Martinez-Romo, ja Andres Duque. Grammatical evolution for identifying wikipedia taxonomies. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1345–1346, Madrid, Spain, 11-15 July 2015. ACM.
- [9] Sandra Astete-Morales, Marie-Liesse Cauwet, ja Olivier Teytaud. Criteria and convergence rates in noisy optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini,

- Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1347–1348, Madrid, Spain, 11-15 July 2015. ACM.
- [10] Asma Atamna. Benchmarking ipop-cma-es-tpa and ipop-cma-es-msr on the bbob noiseless testbed. Kirjassa Youhei Akimoto, Anne Auger, Dimo Brockhoff, Nikolaus Hansen, Olaf Mersmann, ja Petr Posik, toim., Black Box Optimization Benchmarking (BBOB 2015) Workshop, ss. 1135–1142, Madrid, Spain, 11-15 July 2015. ACM.
- [11] Emrah Atilgan ja Jianjun Hu. A combinatorial genetic algorithm for computational doping based material design. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1349–1350, Madrid, Spain, 11-15 July 2015. ACM.
- [12] Joshua E. Auerbach, Gregoire Heitz, Przemyslaw M. Kornatowski, ja Dario Floreano. Rapid evolution of robot gaits. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 743–744, Madrid, Spain, 11-15 July 2015. ACM.
- [13] Mayowa Ayodele, John McCall, ja Olivier Regnier-Coudert. Probabilistic model enhanced genetic algorithm for multi-mode resource constrained project scheduling problem. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 745–746, Madrid, Spain, 11-15 July 2015. ACM.
- [14] Lukas Bajer, Zbynek Pitra, ja Martin Holena. Benchmarking gaussian processes and random forests surrogate models on the bbob noiseless testbed. Kirjassa Youhei Akimoto, Anne Auger, Dimo Brockhoff, Nikolaus Hansen, Olaf Mersmann, ja Petr Posik, toim., Black Box Optimization Benchmarking (BBOB 2015) Workshop, ss. 1143–1150, Madrid, Spain, 11-15 July 2015. ACM.
- [15] Lukas Bajer, Zbynek Pitra, ja Martin Holena. Investigation of gaussian processes and random forests as surrogate models for evolutionary black-box optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1351–1352, Madrid, Spain, 11-15 July 2015. ACM.
- [16] Alejandro Baldominos, Yago Saez, ja Pedro Isasi. Feature set optimization for physical activity recognition using genetic algorithms. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop, ss. 1311–1318, Madrid, Spain, 11-15 July 2015. ACM.
- [17] Zorana Bankovic ja Pedro Lopez-Garcia. Energy efficient allocation and scheduling for dvfs-enabled multicore environments using a multiobjective evolutionary algorithm. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike

- Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1353–1354, Madrid, Spain, 11-15 July 2015. ACM.
- [18] Amit Benbassat ja Avishai Henik. Examining the stroop effect using a develomental spatial neuroevolution system. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 747–748, Madrid, Spain, 11-15 July 2015. ACM.
- [19] Benjamin Berger, Alvin Andino, Andrew Danise, ja John Rieffel. Growing and evolving vibrationally actuated soft robots. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1221–1224, Madrid, Spain, 11-15 July 2015. ACM.
- [20] Anton Bernatskiy ja Joshua C. Bongard. Exploiting the relationship between structural modularity and sparsity for faster network evolution. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1173–1176, Madrid, Spain, 11-15 July 2015. ACM.
- [21] Arnaud Berny. Herding evolutionary algorithm. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1355–1356, Madrid, Spain, 11-15 July 2015. ACM.
- [22] Jia bin Wang, Wei-Neng Chen, Jun Zhang, ja Ying Lin. A dimension-decreasing particle swarm optimization method for portfolio optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1515–1516, Madrid, Spain, 11-15 July 2015. ACM.
- [23] Mahmoud Bokhari ja Markus Wagner. Improving test coverage of formal verification systems via beam search. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1357–1358, Madrid, Spain, 11-15 July 2015. ACM.
- [24] Mohamed Boussaa, Olivier Barais, Gerson Sunye, ja Benoit Baudry. A novelty search-based test data generator for object-oriented programs. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta,

- Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1359–1360, Madrid, Spain, 11-15 July 2015. ACM.
- [25] Can Bozdogan, Yasemin Gokcen, ja Ibrahim Zincir. A preliminary investigation on the identification of peer to peer network applications. Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 883–888, Madrid, Spain, 11-15 July 2015. ACM.
- [26] Nicolas Bredeche, Stephane Doncieux, ja Jean-Baptiste Mouret. Tutorial on evolutionary robotics. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 231–261, Madrid, Spain, 11-15 July 2015. ACM.
- [27] Nicolas Bredeche, Evert Haasdijk, ja Abraham Prieto. Elements of embodied evolutionary robotics. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1247–1247, Madrid, Spain, 11-15 July 2015. ACM.
- [28] Carlos Brizuela, Rosario I. Corona, Christian Lezcano, David Rodriguez, ja Jose D. Colbes. An experimental analysis of the performance of sidechain packing algorithms. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology, ss. 929–933, Madrid, Spain, 11-15 July 2015. ACM.
- [29] Dimo Brockhoff, Bernd Bischl, ja Tobias Wagner. The impact of initial designs on the performance of matsumoto on the noiseless bbob-2015 testbed: A preliminary study. Kirjassa Youhei Akimoto, Anne Auger, Dimo Brockhoff, Nikolaus Hansen, Olaf Mersmann, ja Petr Posik, toim., Black Box Optimization Benchmarking (BBOB 2015) Workshop, ss. 1159–1166, Madrid, Spain, 11-15 July 2015. ACM.
- [30] Dimo Brockhoff ja Tobias Wagner. Tutorial on evolutionary multiobjective optimization. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 37–63, Madrid, Spain, 11-15 July 2015. ACM.
- [31] James Brookhouse ja Fernando E.B. Otero. Discovering regression rules with ant colony optimization. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1005–1012, Madrid, Spain, 11-15 July 2015. ACM.
- [32] Alexander E.I. Brownlee, John R. Woodward, ja Jerry Swan. Metaheuristic design pattern: Surrogate fitness functions. Kirjassa Chris Simons, Jerry Swan, Krzysztof Krawiec, Daniel Tauritz, ja Jim Smith, toim., GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15), ss. 1261–1264, Madrid, Spain, 11-15 July 2015. ACM.
- [33] Bobby R. Bruce. Energy optimisation via genetic improvement: A sbse technique for a new era in software development. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 819–820, Madrid, Spain, 11-15 July 2015. ACM.
- [34] Nathan Burles, Jerry Swan, Edward Bowles, Alexander E.I. Brownlee, Zoltan A. Kocsis, ja Nadarajen Veerapen. Embedded dynamic improvement. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 831–832, Madrid, Spain, 11-15 July 2015. ACM.
- [35] Maxim Buzdalov ja Vladimir Parfenov. Various degrees of steadiness in nsga-ii and their influence on the quality of results. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 749–750, Madrid, Spain, 11-15 July 2015. ACM.
- [36] Arina Buzdalova, Anna Matveeva, ja Georgiy Korneev. Selection of auxiliary objectives with multi-objective reinforcement learning. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1177–1180, Madrid, Spain, 11-15 July 2015. ACM.

- [37] Federico Cabassi ja Marco Locatelli. A computational comparison of memetic differential evolution approaches. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1181–1184, Madrid, Spain, 11-15 July 2015. ACM.
- [38] Riccardo Cantoro, Marco Gaudesi, Ernesto Sanchez, ja Giovanni Squillero. Exploiting evolutionary computation in an industrial flow for the development of code-optimized microprocessor test programs. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1465–1466, Madrid, Spain, 11-15 July 2015. ACM.
- [39] Miguel Cardenas-Montes, Miguel Angel Vega-Rodriguez, Juan Jose Rodriguez-Vazquez, ja Antonio Gomez-Iglesias. A comparison exercise on parallel evaluation of rosenbrock function. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1361–1362, Madrid, Spain, 11-15 July 2015. ACM.
- [40] Abir Chaabani, Slim Bechikh, Lamjed Ben Said, ja Radhia Azzouz. An improved co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1363–1364, Madrid, Spain, 11-15 July 2015. ACM.
- [41] Thomas Chabin, Alberto Tonda, ja Evelyne Lutton. Is global sensitivity analysis useful to evolutionary computation? Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1365–1366, Madrid, Spain, 11-15 July 2015. ACM.
- [42] Olfa Chebbi ja Jouhaina Chaouachi. Evolutionary approach for minimizing consumed energy in a personal rapid transit transportation system with a multi-depot network topology: Minimizing consumed energy in a prt system with a multi-depot network topology. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 751–752, Madrid, Spain, 11-15 July 2015. ACM.

- [43] Liang-Yu Chen, Po-Ming Lee, ja Tzu-Chien Hsiao. Dynamically adding sensors to the xcs in multistep problems: A sensor tagging approach. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1367–1368, Madrid, Spain, 11-15 July 2015. ACM.
- [44] Liang-Yu Chen, Po-Ming Lee, ja Tzu-Chien Hsiao. A novel representation of classifier conditions named sensory tag for the xcs in multistep problems. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 973–980, Madrid, Spain, 11-15 July 2015. ACM.
- [45] Gopinath Chennupati, R. Muhammad Atif Azad, ja Conor Ryan. On the automatic generation of efficient parallel iterative sorting algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1369–1370, Madrid, Spain, 11-15 July 2015. ACM.
- [46] Gopinath Chennupati, R. Muhammd Atif Azad, ja Conor Ryan. Synthesis of parallel iterative sorts with multi-core grammatical evolution. Kirjassa John Woodward, Daniel Tauritz, ja Manuel Lopez-Ibanez, toim., GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15), ss. 1059–1066, Madrid, Spain, 11-15 July 2015. ACM.
- [47] Daniil Chivilikhin, Ilya Ivanov, ja Anatoly Shalyto. Inferring temporal properties of finite-state machine models with genetic programming. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1185–1188, Madrid, Spain, 11-15 July 2015. ACM.
- [48] Jacqueline Christmas. Genetic c programming with probabilistic evaluation. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1371–1372, Madrid, Spain, 11-15 July 2015. ACM.
- [49] Brendan Cody-Kenny, Edgar Galvan-Lopez, ja Stephen Barrett. locogp: Improving performance by genetic programming java source code. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 811–818, Madrid, Spain, 11-15 July 2015. ACM.
- [50] Carlos Artemio Coello Coello. Constraint-handling techniques used with evolutionary algorithms. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 367–389, Madrid, Spain, 11-15 July 2015. ACM.

- [51] Antonio Cruz, Penousal Machado, Filipe Assuncao, ja Antonio Leitao. Elicit: Evolutionary computation visualization. Kirjassa David Walker, Richard Everson, ja Jonathan Fieldsend, toim., 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015), ss. 949–956, Madrid, Spain, 11-15 July 2015. ACM.
- [52] Sylvain Cussat-Blanc ja Wolfgang Banzhaf. Introduction to gene regulatory networks. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 589–601, Madrid, Spain, 11-15 July 2015. ACM.
- [53] Jose-Matias Cutillas-Lozano, Miguel-Angel Franco, ja Domingo Gimenez. Comparing variable width backtracking and metaheuristics, experiments with the maximum diversity problem. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 753–754, Madrid, Spain, 11-15 July 2015. ACM.
- [54] Jaime J. Davila. An empirical comparison of genetically evolved programs and evolved neural networks for multi-agent systems operating under dynamic environments. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1373–1374, Madrid, Spain, 11-15 July 2015. ACM.
- [55] Roy de Bokx, Dirk Thierens, ja Peter A.N. Bosman. In search of optimal linkage trees. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1375–1376, Madrid, Spain, 11-15 July 2015. ACM.
- [56] Kenneth A. De Jong. Evolutionary computation: A unified approach. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 21–35, Madrid, Spain, 11-15 July 2015. ACM.
- [57] Paloma de las Cuevas Delgado, Juan Julian Merelo, ja Pablo Garcia Sanchez. Soft computing techniques applied to corporate and personal security. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1193–1196, Madrid, Spain, 11-15 July 2015. ACM.
- [58] Jeremie Decock, Jialin Liu, ja Olivier Tetaud. Variance reduction in population-based optimization: Application to unit commitment. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1377–1378, Madrid, Spain, 11-15 July 2015. ACM.
- [59] Tom Decroos, Patrick De Causmaecker, ja Bart Demoen. Solving euclidean steiner tree problems with multi swarm optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel

Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1379–1380, Madrid, Spain, 11-15 July 2015. ACM.

- [60] Hans Degroote ja Patrick De Causmaecker. Towards a knowledge base for performance data: A formal model for performance comparison. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1189–1192, Madrid, Spain, 11-15 July 2015. ACM.
- [61] Travis DeVautl, Seth Forrest, Ian Tanimoto, Terence Soule, ja Robert Heckendorn. Learning from demonstration for distributed, encapsulated evolution of autonomous outdoor robots. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1381–1382, Madrid, Spain, 11-15 July 2015. ACM.
- [62] Josefa Diaz Alvarez, J. Manuel Colmenar, Jose L. Risco-Martin, Juan Lanchares, ja Oscar Garnica. Optimizing performance of l1 cache memory for embedded systems driven by differential evolution. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1383–1384, Madrid, Spain, 11-15 July 2015. ACM.
- [63] Viktoria Dorfer, Sergey Maltsev, Stephan Dreiseitl, Karl Mechtler, ja Stephan M. Winkler. A symbolic regression based scoring system improving peptide identifications for ms amanda. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop, ss. 1335–1341, Madrid, Spain, 11-15 July 2015. ACM.
- [64] Madalina M. Drugan. Synergies between evolutionary algorithms and reinforcement learning. Kirjassa Anabela Simoes, toim., GECCO 2015 Specialized Tutorials, ss. 723–740, Madrid, Spain, 11-15 July 2015. ACM.
- [65] Xin Du, Youcong Ni, ja Peng Ye. A multi-objective evolutionary algorithm for rule-based performance optimization at software architecture level. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim.

- GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1385–1386, Madrid, Spain, 11-15 July 2015. ACM.
- [66] Andries Engelbrecht. Particle swarm optimization. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 65–91, Madrid, Spain, 11-15 July 2015. ACM.
- [67] Ezzeddine Fatnassi ja Jouhaina Chaouachi. Design and development of a genetic algorithm for the distance constrained vehicle routing problem with environmental issues: Genetic algorithm for the green distance constrained vehicle routing problem. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 755–756, Madrid, Spain, 11-15 July 2015. ACM.
- [68] Silvino Fernandez, Segundo Alvarez, Eneko Malatsetxebarria, Pablo Valledor, ja Diego Diaz. Performance comparison of ant colony algorithms for the scheduling of steel production lines. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1387–1388, Madrid, Spain, 11-15 July 2015. ACM.
- [69] Robyn Ffrancon ja Marc Schoenauer. Greedy semantic local search for small solutions. Kirjassa Colin Johnson, Krzysztof Krawiec, Alberto Moraglio, ja Michael O'Neill, toim., GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop, ss. 1293–1300, Madrid, Spain, 11-15 July 2015. ACM.
- [70] Patryk Filipiak, Krzysztof Michalak, ja Piotr Lipinski. Infeasibility driven evolutionary algorithm with the anticipation mechanism for the reaching goal in dynamic constrained inverse kinematics. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1389–1390, Madrid, Spain, 11-15 July 2015. ACM.
- [71] Stefan Forstenlechner, Miguel Nicolau, David Fagan, ja Michael O'Neill. Introducing semantic-clustering selection in grammatical evolution. Kirjassa Colin Johnson, Krzysztof Krawiec, Alberto Moraglio, ja Michael O'Neill, toim., GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop, ss. 1277–1284, Madrid, Spain, 11-15 July 2015. ACM.
- [72] Jamisson Santana Freitas, Cicero Garrozi, ja Meuser Valenca. Insertion of artificial individuals to increase the diversity of multiobjective evolutionary algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1391–1392, Madrid, Spain, 11-15 July 2015. ACM.

- [73] Andrew Gabler, Mitchell Colby, ja Kagan Tumer. Learning based control of a fuel cell turbine hybrid power system. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1393–1394, Madrid, Spain, 11-15 July 2015. ACM.
- [74] Adam Gaier. Evolutionary design via indirect encoding of non-uniform rational basis splines. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1197–1200, Madrid, Spain, 11-15 July 2015. ACM.
- [75] Wanru Gao, Mojgan Pourhassan, ja Frank Neumann. Runtime analysis of evolutionary diversity optimization and the vertex cover problem. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1395–1396, Madrid, Spain, 11-15 July 2015. ACM.
- [76] Mario Garza-Fabre, Shaun M. Kandathil, Julia Handl, Joshua D. Knowles, ja Simon C. Lovell. Using machine learning to explore the relevance of local and global features during conformational search in rosetta. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology, ss. 935–938, Madrid, Spain, 11-15 July 2015. ACM.
- [77] Leidy Patricia Garzon-Rodriguez, Henry Alberto Diosa, ja Sergios Rojas-Galeano. Deconstructing gas into visual software components. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15), ss. 1125–1132, Madrid, Spain, 11-15 July 2015. ACM.
- [78] Marco Gaudesi, Andrea Marcelli, Ernesto Sanchez, Giovanni Squillero, ja Alberto Tonda. Malware obfuscation through evolutionary packers. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 757–758, Madrid, Spain, 11-15 July 2015. ACM.
- [79] Farshad Ghassemi Toosi, Nikola S. Nikolov, ja Malachy Eaton. Evolving smart initial layouts for force-directed graph drawing. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1397–1398, Madrid, Spain, 11-15 July 2015. ACM.
- [80] Florian Golemo, Marjeta Markovic, Jasper Schoormans, Peter De Jonge, Maik Couwenberg, ja Evert Haasdijk. Simulating morphological evolution in large robot populations. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1249–1250, Madrid, Spain, 11-15 July 2015. ACM.

- [81] Jorge Gomes, Pedro Mariano, ja Anders Lyhne Christensen. Hyb-ccea: Cooperative coevolution of hybrid teams. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1251–1252, Madrid, Spain, 11-15 July 2015. ACM.
- [82] Mohammad Gorji Sefidmazgi, Mina Moradi Kordmahalleh, ja Abdollah Homaifar. Identification of switched models in non-stationary time series based on coordinate-descent and genetic algorithm. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1399–1400, Madrid, Spain, 11-15 July 2015. ACM.
- [83] Kevin Graham, Jerry Swan, ja Simon Martin. The 'blackboard pattern' for metaheuristics. Kirjassa Chris Simons, Jerry Swan, Krzysztof Krawiec, Daniel Tauritz, ja Jim Smith, toim., GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15), ss. 1265–1267, Madrid, Spain, 11-15 July 2015. ACM.
- [84] Fariba Haddadi ja A. Nur Zincir-Heywood. Botnet detection system analysis on the effect of botnet evolution and feature representation. Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 - Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 893–900, Madrid, Spain, 11-15 July 2015. ACM.
- [85] Heiko Hamann. Evolution of collective behaviors by minimizing surprisal and by micro-macro links. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1253–1253, Madrid, Spain, 11-15 July 2015. ACM.
- [86] Saemundur O. Haraldsson ja John R. Woodward. Genetic improvement of energy usage is only as reliable as the measurements are accurate. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 821–822, Madrid, Spain, 11-15 July 2015. ACM.
- [87] Mark Harman ja Justyna Petke. Gi4gi: Improving genetic improvement fitness functions. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 793–794, Madrid, Spain, 11-15 July 2015. ACM.
- [88] Sean Harris, Travis Bueter, ja Daniel R. Tauritz. A comparison of genetic programming variants for hyper-heuristics. Kirjassa John Woodward, Daniel Tauritz, ja Manuel Lopez-Ibanez, toim., GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15), ss. 1043–1050, Madrid, Spain, 11-15 July 2015. ACM.
- [89] Taku Hasegawa, Kento Tsukada, Naoki Mori, ja Keinosuke Matsumoto. Adaptive evolution control with p-i similarity index for surrogate-assisted evolutionary computation. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 759–760, Madrid, Spain, 11-15 July 2015. ACM.
- [90] Jacqueline Heinerman. Collective sharing of knowledge in a dream. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1243–1244, Madrid, Spain, 11-15 July 2015. ACM.
- [91] Malcolm I. Heywood ja Krzysztof Krawiec. Solving complex problems with coevolutionary algorithms. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 547–573, Madrid, Spain, 11-15 July 2015. ACM.

- [92] Frantisek Hruska ja Jiri Kubalik. Selection hyper-heuristic using a portfolio of derivative heuristics. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1401–1402, Madrid, Spain, 11-15 July 2015. ACM.
- [93] Mario Inostroza-Ponta, Camilo Farfan, ja Marcio Dorn. A memetic algorithm for protein structure prediction based on conformational preferences of aminoacid residues. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1403–1404, Madrid, Spain, 11-15 July 2015. ACM.
- [94] Sandro Izidoro, Anisio M. Lacerda, ja Gisele L. Pappa. Megass: Multi-objective genetic active site search. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology, ss. 905-910, Madrid, Spain, 11-15 July 2015. ACM.
- [95] Christopher Jankee, Sebastien Verel, Bilel Derbel, ja Cyril Flonlupt. New adaptive selection strategies for distributed adaptive metaheuristic selection. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1405–1406, Madrid, Spain, 11-15 July 2015. ACM.
- [96] Guanbo Jia, Shan He, Zexuan Zhu, Jing Liu, ja Ke Tang. A multimodal optimization and surprise based consensus community detection algorithm. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1407–1408, Madrid, Spain, 11-15 July 2015. ACM.
- [97] Yue Jia, Fan Wu, Mark Harman, ja Jens Krinke. Genetic improvement using higher order mutation. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 803–804, Madrid, Spain, 11-15 July 2015. ACM.

- [98] Juan Luis Jimenez Laredo, Frederic Guinand, Damien Olivier, ja Pascal Bouvry. Trading off resource utilization and task migrations in dynamic load-balancing. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1409–1410, Madrid, Spain, 11-15 July 2015. ACM.
- [99] Colin G. Johnson ja John R. Woodward. Fitness as task-relevant information accumulation. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 855–856, Madrid, Spain, 11-15 July 2015. ACM.
- [100] Chanju Jung, Yong-Hyuk Kim, Yourim Yoon, ja Byung-Ro Moon. An adeaptive method of hungarian mating schemes in genetic algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1413–1414, Madrid, Spain, 11-15 July 2015. ACM.
- [101] Suwimol Jungjit ja Alex Freitas. A lexicographic multi-objective genetic algorithm for multi-label correlation based feature selection. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 989–996, Madrid, Spain, 11-15 July 2015. ACM.
- [102] Reza Karimpour ja Guenther Ruhe. A search based approach towards robust optimization in software product line scoping. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1415–1416, Madrid, Spain, 11-15 July 2015. ACM.
- [103] Edward Keedwell, Matthew Johns, ja Dragan Savic. Spatial and temporal visualisation of evolutionary algorithm decisions in water distribution network optimisation. Kirjassa David Walker, Richard Everson, ja Jonathan Fieldsend, toim., 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015), ss. 941–948, Madrid, Spain, 11-15 July 2015. ACM.
- [104] Kamil Krynicki ja Javier Jaen. Antelements: An extensible and scalable ant colony optimization middleware. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., *GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15)*, ss. 1109–1116, Madrid, Spain, 11-15 July 2015. ACM.
- [105] Udit Kumar, Jayadeva, ja Sumit Soman. Enhancing incremental ant colony algorithm for continuous global optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel

- Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1417–1418, Madrid, Spain, 11-15 July 2015. ACM.
- [106] Jason Landsborough, Stephen Harding, ja Sunny Fugate. Removing the kitchen sink from software. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 833–838, Madrid, Spain, 11-15 July 2015. ACM.
- [107] William B. Langdon ja Mark Harman. Grow and graft a better cuda pknotsrg for rna pseudoknot free energy calculation. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 805–810, Madrid, Spain, 11-15 July 2015. ACM.
- [108] Per Kristian Lehre ja Pietro S. Oliveto. Runtime analysis of evolutionary algorithms: Basic introduction. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 121–136, Madrid, Spain, 11-15 July 2015. ACM.
- [109] Dan Lessin ja Sebastian Risi. Evolved virtual creatures with soft-body muscles: On a bio-mimetic path to meaningful morphological complexity. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 761–762, Madrid, Spain, 11-15 July 2015. ACM.
- [110] Hai-Hao Li, Zong-Gan Chen, Zhi-Hui Zhan, Ke-Jing Du, ja Jun Zhang. Renumber coevolutionary multiswarm particle swarm optimization for multi-objective workflow scheduling on cloud computing environment. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1419–1420, Madrid, Spain, 11-15 July 2015. ACM.
- [111] Lv Liang, Huang Han, Cai Zhaoquan, ja Hu Hui. Using particle swarm large-scale optimization to improve sampling-based image matting. Kirjassa David Walker, Richard Everson, ja Jonathan Fieldsend, toim., 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015), ss. 957–961, Madrid, Spain, 11-15 July 2015. ACM.
- [112] Pawel Liskowski, Krzysztof Krawiec, Thomas Helmuth, ja Lee Spector. Comparison of semanticaware selection methods in genetic programming. Kirjassa Colin Johnson, Krzysztof Krawiec, Alberto Moraglio, ja Michael O'Neill, toim., GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop, ss. 1301–1307, Madrid, Spain, 11-15 July 2015. ACM.
- [113] Fabio M.F. Lobato, Vincent W. Tadaiesky, Igor M. Araujo, ja Adamo L. de Santana. An evolutionary missing data imputation method for pattern classification. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1013–1019, Madrid, Spain, 11-15 July 2015. ACM.
- [114] Fernando G. Lobo ja Mosab Bazargani. When hillclimbers beat genetic algorithms in multimodal optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan

- Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1421–1422, Madrid, Spain, 11-15 July 2015. ACM.
- [115] Pedro Lopez-Garcia, Enrique Onieva, Eneko Osaba, Antonio D. Masegosa, ja Asier Perallos. Hybridizing genetic algorithm with cross entropy for solving continuous functions. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 763-764, Madrid, Spain, 11-15 July 2015. ACM.
- [116] Roberto E. Lopez-Herrejon, Lukas Linsbauer, Wesley K.G. Assuncao, Stefan Fischer, Silvia R. Vergilio, ja Alexander Egyed. Genetic improvement for software product lines: An overview and a roadmap. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 823–830, Madrid, Spain, 11-15 July 2015. ACM.
- [117] Jaime Machado, Rui Neves, ja Nuno Horta. Developing multi-time frame trading rules with a trend following strategy, using ga. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 765–766, Madrid, Spain, 11-15 July 2015. ACM.
- [118] Quetzali Madera, Mario Garcia-Valdez, Oscar Castillo, ja Alejandra Mancilla. A method based on interactive evolutionary computation for increasing the effectiveness of advertisement texts. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1225–1228, Madrid, Spain, 11-15 July 2015. ACM.
- [119] Dolores Margarida ja Carlos Henggeler Antunes. Multi-objective optimization of sensor placement to detect contamination in water distribution networks. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1423–1424, Madrid, Spain, 11-15 July 2015. ACM.
- [120] Luca Mariot ja Alberto Leporati. Heuristic search by particle swarm optimization of boolean functions for cryptographic applications. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1425–1426, Madrid, Spain, 11-15 July 2015. ACM.
- [121] Luis Marti, Christian Grimme, Paskal Kerschke, Heike Trautmann, ja Guenter Rudolph. Averaged hausdorff approximations of pareto fronts based on multiobjective estimation of distribution algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel

- Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., *GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference*, ss. 1427–1428, Madrid, Spain, 11-15 July 2015. ACM.
- [122] Matthew A. Martin, Alex R. Bertels, ja Daniel R. Tauritz. Asynchronous parallel evolutionary algorithms: Leveraging heterogeneous fitness evaluation times for scalability and elitist parsimony pressure. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1429–1430, Madrid, Spain, 11-15 July 2015. ACM.
- [123] Matthew A. Martin ja Daniel R. Tauritz. Hyper-heuristics: A study on increasing primitive-space. Kirjassa John Woodward, Daniel Tauritz, ja Manuel Lopez-Ibanez, toim., GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15), ss. 1051–1058, Madrid, Spain, 11-15 July 2015. ACM.
- [124] Jabier Martinez, Gabriele Rossi, Tewfik Ziadi, Tegawende Francois D. Assise Bissyande, Jacques Klein, ja Yves Le Traon. Estimating and predicting average likability on computer-generated artwork variants. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1431–1432, Madrid, Spain, 11-15 July 2015. ACM.
- [125] Jean P. Martins ja Alexandre C.B. Delbem. Handling crossover bias to improve diversity in multiobjective evolutionary optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1433–1434, Madrid, Spain, 11-15 July 2015. ACM.
- [126] John A.W. McCall, Lee A. Christie, ja Alexander E.I. Brownlee. Generating easy and hard problems using the proximate optimality principle. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 767–768, Madrid, Spain, 11-15 July 2015. ACM.
- [127] David Medernach, Jeannie Fitzgerald, R. Muhammad Atif Azad, ja Conor Ryan. Wave: A genetic programming approach to divide and conquer. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto

- Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1435–1436, Madrid, Spain, 11-15 July 2015. ACM.
- [128] David Medernach, Jeannie Fitzgerald, R. Muhammad Atif Azad, ja Conor Ryan. Wave: Incremental erosion of residual error. Kirjassa Colin Johnson, Krzysztof Krawiec, Alberto Moraglio, ja Michael O'Neill, toim., GECCO 2015 Semantic Methods in Genetic Programming (SMGP'15) Workshop, ss. 1285–1292, Madrid, Spain, 11-15 July 2015. ACM.
- [129] Hector David Menendez ja David Camacho. Mogcla: A multi-objective genetic clustering algorithm for large data analysis. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1437–1438, Madrid, Spain, 11-15 July 2015. ACM.
- [130] Juan J. Merelo-Guervos. Low or no cost distributed evolutionary computation. Kirjassa Anabela Simoes, toim., GECCO 2015 Specialized Tutorials, ss. 703–706, Madrid, Spain, 11-15 July 2015. ACM.
- [131] Juan J. Merelo-Guervos ja Pablo Garcia-Sanchez. Designing and modeling a browser-based distributed evolutionary computation system. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15), ss. 1117–1124, Madrid, Spain, 11-15 July 2015. ACM.
- [132] Risto Miikkulainen. Evolving neural networks. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 137–161, Madrid, Spain, 11-15 July 2015. ACM.
- [133] Julian Miller ja Hajo Broersma. Computational matter: Evolving computational solutions in materials. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 769–770, Madrid, Spain, 11-15 July 2015. ACM.
- [134] Julian Miller ja Andrew Turner. Cartesian genetic programming. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 179–198, Madrid, Spain, 11-15 July 2015. ACM.
- [135] Seyedali Mirjalili ja Andrew Lewis. A reliable and computationally cheap approach for finding robust optimal solutions. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1439–1440, Madrid, Spain, 11-15 July 2015. ACM.
- [136] Vladimir Mironovich ja Maxim Buzdalov. Hard test generation for maximum flow algorithms with the fast crossover-based evolutionary algorithm. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1229–1232, Madrid, Spain, 11-15 July 2015. ACM.
- [137] Minami Miyakawa, Keiki Takadama, ja Hiroyuki Sato. Control of crossed genes ratio for directed mating in evolutionary constrained multi-objective optimization. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1201–1204, Madrid, Spain, 11-15 July 2015. ACM.

- [138] Alberto Moraglio ja Krzysztof Krawiec. Semantic genetic programming. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 603–627, Madrid, Spain, 11-15 July 2015. ACM.
- [139] Samaneh Sadat Mousavi Astarabadi ja Mohammad Mehdi Ebadzadeh. Avoiding overfitting in symbolic regression using the first order derivative of gp trees. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1441–1442, Madrid, Spain, 11-15 July 2015. ACM.
- [140] Vojtech Mrazek, Zdenek Vasicek, ja Lukas Sekanina. Evolutionary approximation of software for embedded systems: Median function. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 795–801, Madrid, Spain, 11-15 July 2015. ACM.
- [141] Zongxu Mu ja Holger H. Hoos. Empirical scaling analyser: An automated system for empirical analysis of performance scaling. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 771–772, Madrid, Spain, 11-15 July 2015. ACM.
- [142] Robin Mueller-Bady, Ruediger Gad, Martin Kappes, ja Inmaculada Medina-Bulo. Using genetic algorithms for deadline-constrained monitor selection in dynamic computer networks. Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 867–874, Madrid, Spain, 11-15 July 2015. ACM.
- [143] Will n. Browne. Back to the future: Learning classifier systems as cognitive systems. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1037–1037, Madrid, Spain, 11-15 July 2015. ACM.
- [144] Anis Najar, Olivier Sigaud, ja Mohamed Chetouani. Socially guided xcs: Using teaching signals to boost learning. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1021–1028, Madrid, Spain, 11-15 July 2015. ACM.
- [145] Antonio J. Nebro, Juan J. Durillo, ja Matthieu Vergne. Redesigning the jmetal multi-objective optimization framework. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15), ss. 1093–1100, Madrid, Spain, 11-15 July 2015. ACM.
- [146] Frank Neumann ja Andrew M. Sutton. Parameterized complexity analysis of evolutionary algorithms. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 435–450, Madrid, Spain, 11-15 July 2015. ACM.
- [147] Sune S. Nielsen, Gregoire Danoy, Pascal Bouvry, ja El-Ghazali Talbi. Nk landscape instances mimicking the protein inverse folding problem towards future benchmarks. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology, ss. 915–921, Madrid, Spain, 11-15 July 2015. ACM.
- [148] Houssem Eddine Nouri, Olfa Belkahla Driss, ja Khaled Ghedira. Metaheuristics based on clustering in a holonic multiagent model for the flexible job shop problem. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 997–1004, Madrid, Spain, 11-15 July 2015. ACM.

- [149] Ana-Maria Oprescu, Alexandra (Vintila) Filip, ja Thilo Kielmann. Fast pareto front approximation for cloud instance pool optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1443–1444, Madrid, Spain, 11-15 July 2015. ACM.
- [150] Una-May O'Reilly. Genetic programming: A tutorial introduction. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 3–19, Madrid, Spain, 11-15 July 2015. ACM.
- [151] Peter Overbury ja Luc Berthouze. Using novelty-biased ga to sample diversity in graphs satisfying constraints. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1445–1446, Madrid, Spain, 11-15 July 2015. ACM.
- [152] Omer Ozkan, Murat Ermis, ja Ilker Bekmezci. A hybrid matheuristic approach for designing reliable wireless multimedia sensor networks. Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 875–882, Madrid, Spain, 11-15 July 2015. ACM.
- [153] Denis Pallez, Mathieu Serrurier, Celia da Costa Pereira, Giovanni Fusco, ja Cristina Cao. Social specialization of space: Clustering households on the french riviera. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1447–1448, Madrid, Spain, 11-15 July 2015. ACM.
- [154] Joao Papa Papa, Gustavo Henrique Rosa, Kelton A. Costa, Nilceu A. Marana, Walter Scheirer, ja David Daniel Cox. On the model selection of bernoulli restricted boltzmann machines through harmony search. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1449–1450, Madrid, Spain, 11-15 July 2015. ACM.

- [155] Gisele Pappa, Anabela Simoes, Dirk Sudholt, W. B. Langdon, David R. White, Justyna Petke, Frank W. Moore, Nur Zincir-Heywood, Jose Santos, Julia Handl, Amarda Shehu, David Walker, Richard Everson, Jonathan Fieldsend, Karthik Kuber, Masaya Nakata, Kamran Shafi, John Woodward, Daniel Tauritz, Manuel Lopez-Ibanez, Stefan Wagner, Michael Affenzeller, Youhei Akimoto, Anne Auger, Dimo Brockhoff, Nikolaus Hansen, Olaf Mersmann, Petr Posik, Tea Tusar, Boris Naujoks, Abraham Prieto, Nicolas Bredeche, Evert Haasdijk, Chris Simons, Jerry Swan, Krzysztof Krawiec, Jim Smith, Colin Johnson, Alberto Moraglio, Michael O'Neill, Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim. GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, Madrid, Spain, 11-15 July 2015.
- [156] John Park, Su Nguyen, Mengjie Zhang, ja Mark Johnston. A single population genetic programming based ensemble learning approach to job shop scheduling. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1451–1452, Madrid, Spain, 11-15 July 2015. ACM.
- [157] Alina Patelli, Nelly Bencomo, Aniko Ekart, Harry Goldingay, ja Peter Lewis. Two-b or not two-b?: Design patterns for hybrid metaheuristics. Kirjassa Chris Simons, Jerry Swan, Krzysztof Krawiec, Daniel Tauritz, ja Jim Smith, toim., GECCO 2015 2nd Workshop on Metaheuristic Design Patterns (MetaDeeP'15), ss. 1269–1274, Madrid, Spain, 11-15 July 2015. ACM.
- [158] Jose C. Pereira ja Fernando G. Lobo. Parameter-less evolutionary portfolio: First experiments. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 773–774, Madrid, Spain, 11-15 July 2015. ACM.
- [159] Todd Perry ja Mohamed Bader-El-Den. Imbalanced classification using genetically optimized random forests. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1453–1454, Madrid, Spain, 11-15 July 2015. ACM.
- [160] Irina Petrova ja Arina Buzdalova. Selection of auxiliary objectives in the travelling salesman problem using reinforcement learning. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1455–1456, Madrid, Spain, 11-15 July 2015. ACM.
- [161] Stjepan Picek, Julian F. Miller, Domagoj Jakobovic, ja Lejla Batina. Cartesian genetic programming approach for generating substitution boxes of different sizes. Kirjassa Sara Silva,

- Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1457–1458, Madrid, Spain, 11-15 July 2015. ACM.
- [162] Petr Posik ja Petr Baudis. Dimension selection in axis-parallel brent-step method for black-box optimization of separable continuous functions. Kirjassa Youhei Akimoto, Anne Auger, Dimo Brockhoff, Nikolaus Hansen, Olaf Mersmann, ja Petr Posik, toim., Black Box Optimization Benchmarking (BBOB 2015) Workshop, ss. 1151–1158, Madrid, Spain, 11-15 July 2015. ACM.
- [163] Mike Preuss. Multimodal optimization. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 293–312, Madrid, Spain, 11-15 July 2015. ACM.
- [164] Malte Probst. Denoising autoencoders for fast combinatorial black box optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1459–1460, Madrid, Spain, 11-15 July 2015. ACM.
- [165] Pablo Rabanal, Ismael Rodriguez, ja Fernando Rubio. On the uselessness of finite benchmarks to assess evolutionaryand swarm methods. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1461–1462, Madrid, Spain, 11-15 July 2015. ACM.
- [166] Aurora Ramirez, Jose Raul Romero, ja Sebastian Ventura. An extensible jclec-based solution for the implementation of multi-objective evolutionary algorithms. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15), ss. 1085–1092, Madrid, Spain, 11-15 July 2015. ACM.
- [167] Cristian Ramirez-Atencia, Gema Bello-Orgaz, Maria D. R-Moreno, ja David Camacho. A hybrid moga-csp for multi-uav mission planning. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1205–1208, Madrid, Spain, 11-15 July 2015. ACM.
- [168] Alexander Raß, Manuel Schmitt, ja Rolf Wanka. Explanation of stagnation at points that are not local optima in particle swarm optimization by potential analysis. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof

- Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1463–1464, Madrid, Spain, 11-15 July 2015. ACM.
- [169] Maria-Cristina Riff ja Elizabeth Montero. A collaborative strategy to reduce initial setup requirements of paramils using evoca. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1467–1468, Madrid, Spain, 11-15 July 2015. ACM.
- [170] Daniel Rivero, Enrique Fernandez-Blanco, Julian Dorado, ja Alejandro Pazos. Classification of two-channel signals by means of genetic programming. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop, ss. 1319–1325, Madrid, Spain, 11-15 July 2015. ACM.
- [171] Nicolas Rojas, Elizabeth Montero, ja Maria-Cristina Riff. Using anti-pheromone to identify core objects for multidimensional knapsack problems: A two-step ants based approach. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1469–1470, Madrid, Spain, 11-15 July 2015. ACM.
- [172] Franz Rothlauf. Representations for evolutionary algorithms. Kirjassa Anabela Simoes, toim., *GECCO 2015 Introductory Tutorials*, ss. 345–366, Madrid, Spain, 11-15 July 2015. ACM.
- [173] Andrew Runka ja Tony White. Evolving neurocontrollers for the control of information diffusion in social networks. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1471–1472, Madrid, Spain, 11-15 July 2015. ACM.
- [174] George Rush, Daniel R. Tauritz, ja Alexander D. Kent. Coevolutionary agent-based network defense lightweight event system (candles). Kirjassa Frank W. Moore ja Nur Zincir-Heywood, toim., SecDef'2015 Workshop on genetic and evolutionary computation in defense, security and risk management, ss. 859–866, Madrid, Spain, 11-15 July 2015. ACM.
- [175] Patricia Ryser-Welch, Julian F. Miller, ja Shahriar Asta. Generating human-readable algorithms for the travelling salesman problem using hyper-heuristics. Kirjassa John Woodward,

- Daniel Tauritz, ja Manuel Lopez-Ibanez, toim., GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15), ss. 1067–1074, Madrid, Spain, 11-15 July 2015. ACM.
- [176] Patricia Ryser-Welch, Julian F. Miller, ja Shariar Asta. Evolutionary cross-domain hyperheuristics. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1473–1474, Madrid, Spain, 11-15 July 2015. ACM.
- [177] Ahmed Salah ja Emma Hart. Grid diversity operator for some population-based optimization algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1475–1476, Madrid, Spain, 11-15 July 2015. ACM.
- [178] Roberto Santana, Alexander Mendiburu, ja Jose A. Lozano. Multi-objective nm-landscapes. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1477–1478, Madrid, Spain, 11-15 July 2015. ACM.
- [179] Valentino Santucci, Marco Baioletti, ja Alfredo Milani. An algebraic differential evolution for the linear ordering problem. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1479–1480, Madrid, Spain, 11-15 July 2015. ACM.
- [180] Emmanuel Sapin, Kenneth De Jong, ja Amarda Shehu. Mapping multiple minima in protein energy landscapes with evolutionary algorithms. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., *GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology*, ss. 923–927, Madrid, Spain, 11-15 July 2015. ACM.

- [181] Hiroyuki Sato, Minami Miyakawa, ja Elizabeth Perez-Cortes. A parallel moea/d generating solutions in minimum overlapped update ranges of solutions. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 775–776, Madrid, Spain, 11-15 July 2015. ACM.
- [182] Andreas Scheibenpflug, Andreas Beham, Michael Kommenda, Johannes Karder, Stefan Wagner, ja Michael Affenzeller. Simplifying problem definitions in the heuristiclab optimization environment. Kirjassa Stefan Wagner ja Michael Affenzeller, toim., *GECCO 2015 Workshop on Evolutionary Computation Software Systems (EvoSoft'15)*, ss. 1101–1108, Madrid, Spain, 11-15 July 2015. ACM.
- [183] Jonas Schmitt, Sabine Seufert, Christian Zoubek, ja Harald Koestler. Potential-field-based unit behavior optimization for balancing in starcraft ii. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1481–1482, Madrid, Spain, 11-15 July 2015. ACM.
- [184] Eric M. Schulte, Westley Weimer, ja Stephanie Forrest. Repairing cots router firmware without access to source code or test suites: A case study in evolutionary software repair. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., *Genetic Improvement 2015 Workshop*, ss. 847–854, Madrid, Spain, 11-15 July 2015. ACM.
- [185] Eric O. Scott ja Jeffrey K. Bassett. Learning genetic representations for classes of real-valued optimization problems. Kirjassa John Woodward, Daniel Tauritz, ja Manuel Lopez-Ibanez, toim., GECCO 2015 5th Workshop on Evolutionary Computation for the Automated Design of Algorithms (ECADA'15), ss. 1075–1082, Madrid, Spain, 11-15 July 2015. ACM.
- [186] Eric O. Scott ja Kenneth A. De Jong. Evaluation-time bias in asynchronous evolutionary algorithms. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1209–1212, Madrid, Spain, 11-15 July 2015. ACM.
- [187] Amarda Shehu ja Kenneth De Jong. Evolutionary algorithms for protein structure modeling. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 533–545, Madrid, Spain, 11-15 July 2015. ACM.
- [188] Gene Sher. Momentum enhanced neuroevolution. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1483–1484, Madrid, Spain, 11-15 July 2015. ACM.
- [189] Kevin Sim ja Emma Hart. A novel heuristic generator for jssp using a tree-based representation of dispatching rules. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini,

- Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1485–1486, Madrid, Spain, 11-15 July 2015. ACM.
- [190] Stephen L. Smith. Medical applications of evolutionary computation. Kirjassa Anabela Simoes, toim., *GECCO 2015 Specialized Tutorials*, ss. 651–679, Madrid, Spain, 11-15 July 2015. ACM.
- [191] Alessandra M. Soares, Bruno J.T. Fernandes, ja Carmelo J.A. Bastos-Filho. Pyramidal neural networks with variable receptive fields designed by genetic algorithms. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1487–1488, Madrid, Spain, 11-15 July 2015. ACM.
- [192] Lee Spector. Expressive genetic programming. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 409–434, Madrid, Spain, 11-15 July 2015. ACM.
- [193] Kenneth O. Stanley. Generative and developmental systems tutorial. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 503–532, Madrid, Spain, 11-15 July 2015. ACM.
- [194] Thiago Muniz Stehling, Sergio Ricado DE Souza, ja Moacir F. De Franca Filho. A hybrid particle swarm optimization for solving vehicle routing problem with time windows. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1489–1490, Madrid, Spain, 11-15 July 2015. ACM.
- [195] Andreas Steyven, Emma Hart, ja Ben Paechter. The cost of communication: Environmental pressure and survivability in medea. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1239–1240, Madrid, Spain, 11-15 July 2015. ACM.
- [196] Catalin Stoean, Ruxandra Stoean, Adrian Sandita, Cristian Mesina, Corina Lavinia Gruia, ja Daniela Ciobanu. Evolutionary search for an accurate contour segmentation in histopathological images. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1491–1492, Madrid, Spain, 11-15 July 2015. ACM.
- [197] Thomas Stuetzle ja Manuel Lopez-Ibanez. Automatic (offline) configuration of algorithms. Kirjassa Anabela Simoes, toim., GECCO 2015 Specialized Tutorials, ss. 681–702, Madrid, Spain, 11-15 July 2015. ACM.

- [198] Dirk Sudholt. Theory of swarm intelligence. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 451–471, Madrid, Spain, 11-15 July 2015. ACM.
- [199] Yuan Sun, Michael Kirley, ja Saman Kumara Halgamuge. On the selection of decomposition methods for large scale fully non-separable problems. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1213–1216, Madrid, Spain, 11-15 July 2015. ACM.
- [200] Gizem Sungu ja Betul Boz. An evolutionary algorithm for weighted graph coloring problem. Kirjassa Tea Tusar ja Boris Naujoks, toim., GECCO'15 Student Workshop, ss. 1233–1236, Madrid, Spain, 11-15 July 2015. ACM.
- [201] Keiki Takadama. A potential of evolutionary rule-based machine learning for real world applications. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1039–1040, Madrid, Spain, 11-15 July 2015. ACM.
- [202] Ryoji Tanabe. A note on multi-funnel functions for expensive optimization scenario. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1493–1494, Madrid, Spain, 11-15 July 2015. ACM.
- [203] Dirk Thierens ja Peter A.N. Bosman. Model-based evolutionary algorithms. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 93–120, Madrid, Spain, 11-15 July 2015. ACM.
- [204] Marco Tomassini. Introduction to complex networks. Kirjassa Anabela Simoes, toim., *GECCO* 2015 Introductory Tutorials, ss. 163–178, Madrid, Spain, 11-15 July 2015. ACM.
- [205] Pedro Trueba, Abraham Prieto, Francisco Bellas, ja Richard J. Duro. Embodied evolution for collective indoor surveillance and location. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1241–1242, Madrid, Spain, 11-15 July 2015. ACM.
- [206] Giuseppe A. Trunfio. An effective approach for adapting the size of subcomponents in large-scale optimization with cooperative coevolution. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1495–1496, Madrid, Spain, 11-15 July 2015. ACM.
- [207] Wilburn W.P. Tsang ja Henry Y.K. Lau. A grid-facilitated ais-based network scheme for many-objective optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini,

- Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1497–1498, Madrid, Spain, 11-15 July 2015. ACM.
- [208] Shigeyoshi Tsutsui ja Noriyuki Fujimoto. A comparative study of synchronization of parallel aco on multi-core processor. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 777–778, Madrid, Spain, 11-15 July 2015. ACM.
- [209] Andrew James Turner ja Julian Francis Miller. Recurrent cartesian genetic programming applied to series forecasting. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1499–1500, Madrid, Spain, 11-15 July 2015. ACM.
- [210] Roberto Ugolotti ja Stefano Cagnoni. Automatic tuning of standard pso versions. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1501–1502, Madrid, Spain, 11-15 July 2015. ACM.
- [211] Ryan Urbanowicz ja Will Browne. Introducing rule-based machine learning: A practical guide. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 263–292, Madrid, Spain, 11-15 July 2015. ACM.
- [212] Ryan Urbanowicz, Niranjan Ramanand, ja Jason Moore. Continuous endpoint data mining with exstracs: A supervised learning classifier system. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 1029–1036, Madrid, Spain, 11-15 July 2015. ACM.
- [213] Neil B. Urquhart, Emma Hart, ja Alistair Judson. Multi-modal employee routing with time windows in an urban environment. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1503–1504, Madrid, Spain, 11-15 July 2015. ACM.
- [214] Daniel Varela ja Jose Santos. Combination of differential evolution and fragment-based replacements for protein structure prediction. Kirjassa Jose Santos, Julia Handl, ja Amarda Shehu, toim., GECCO 2015 Workshop on Evolutionary Computation in Computational Structural Biology, ss. 911–914, Madrid, Spain, 11-15 July 2015. ACM.

- [215] Danilo Vasconcellos Vargas, Hirotaka Takano, ja Junichi Murata. The relationship between (un)fractured problems and division of input space. Kirjassa Karthik Kuber, Masaya Nakata, ja Kamran Shafi, toim., GECCO 2015 Evolutionary Rule-based Machine Learning (formerly the International Workshop on Learning Classifier Systems), ss. 981–987, Madrid, Spain, 11-15 July 2015. ACM.
- [216] Zdenek Vasicek ja Lukas Sekanina. Evolutionary approximation of complex digital circuits. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1505–1506, Madrid, Spain, 11-15 July 2015. ACM.
- [217] J. Manuel Velasco, Stephan Winkler, J. Ignacio Hidalgo, Oscar Garnica, Juan Lanchares, J. Manuel Colmenar, Esther Maqueda, Marta Botella, ja Jose-Antonio Rubio. Data-based identification of prediction models for glucose. Kirjassa Stephen L. Smith, Stefano Cagnoni, ja Robert M. Patton, toim., GECCO 2015 Medical Applications of Genetic and Evolutionary Computation (MedGEC'15) Workshop, ss. 1327–1334, Madrid, Spain, 11-15 July 2015. ACM.
- [218] Phillip Verbancsics. Impact of speciation heuristic on crossover and search in neat. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1509–1510, Madrid, Spain, 11-15 July 2015. ACM.
- [219] Phillip Verbancsics ja Josh Harguess. Classifying maritime vessels from satellite imagery with hyperneat. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1507–1508, Madrid, Spain, 11-15 July 2015. ACM.
- [220] Christian von Luecken, Hugo Monzon, Carlos Brizuela, ja Benjamin Baran. Dimensionality reduction in many-objective problems combining pca and spectral clustering. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015

- on Genetic and Evolutionary Computation Conference, ss. 1511–1512, Madrid, Spain, 11-15 July 2015. ACM.
- [221] Mark D. Wagy ja Josh C. Bongard. Crowdseeding robot design. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1513–1514, Madrid, Spain, 11-15 July 2015. ACM.
- [222] David J. Walker. Visualising multi-objective populations with treemaps. Kirjassa David Walker, Richard Everson, ja Jonathan Fieldsend, toim., 6th Workshop on Visualisation Methods in Genetic and Evolutionary Computation (VizGEC 2015), ss. 963–970, Madrid, Spain, 11-15 July 2015. ACM.
- [223] Chris Watkins ja Yvonne Buttkewitz. Efficient sampling with small populations: a genetic algorithm satisfying detailed balance. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1517–1518, Madrid, Spain, 11-15 July 2015. ACM.
- [224] Miri Weiss Cohen, Adi Dahan, ja Izzik Kaspi. Software system for container vessel stowage planning using genetic algorithm. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1519–1520, Madrid, Spain, 11-15 July 2015. ACM.
- [225] David R. White ja Jeremy Singer. Rethinking genetic improvement programming. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., Genetic Improvement 2015 Workshop, ss. 845–846, Madrid, Spain, 11-15 July 2015. ACM.
- [226] David R. White, Shin Yoo, ja Jeremy Singer. The programming game: Evaluating mcts as an alternative to gp for symbolic regression. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1521–1522, Madrid, Spain, 11-15 July 2015. ACM.

- [227] Darrell Whitley. Blind no more: Constant time non-random improving moves and exponentially powerful recombination. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 391–407, Madrid, Spain, 11-15 July 2015. ACM.
- [228] John R. Woodward ja Daniel R. Tauritz. Hyper-heuristics. Kirjassa Anabela Simoes, toim., GECCO 2015 Introductory Tutorials, ss. 199–230, Madrid, Spain, 11-15 July 2015. ACM.
- [229] Yao-Ming Wu, Liang-Yu Chen, Po-Ming Lee, ja Tzu-Chien Hsiao. Enable the xcs to dynamically learn multiple problems: A sensor tagging approach. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1523–1524, Madrid, Spain, 11-15 July 2015. ACM.
- [230] Jing Xie, Yi Mei, ja Andy Song. Evolving self-adaptive tabu search algorithm for storage location assignment problems. Kirjassa Dirk Sudholt, toim., *GECCO 2015 Late-Breaking Abstracts*, ss. 779–780, Madrid, Spain, 11-15 July 2015. ACM.
- [231] Shengxiang Yang. Evolutionary computation for dynamic optimization problems. Kirjassa Anabela Simoes, toim., GECCO 2015 Advanced Tutorials, ss. 629–649, Madrid, Spain, 11-15 July 2015. ACM.
- [232] Kwaku Yeboah-Antwi ja Benoit Baudry. Embedding adaptivity in software systems using the ecselr framework. Kirjassa W. B. Langdon, David R. White, ja Justyna Petke, toim., *Genetic Improvement 2015 Workshop*, ss. 839–844, Madrid, Spain, 11-15 July 2015. ACM.
- [233] Logan Yliniemi ja Kagan Tumer. Complete multi-objective coverage with paccet. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1525–1526, Madrid, Spain, 11-15 July 2015. ACM.
- [234] Payam Zahadat, Heiko Hamann, ja Thomas Schmickl. Evolving diverse collective behaviors independent of swarm density. Kirjassa Abraham Prieto, Nicolas Bredeche, ja Evert Haasdijk, toim., GECCO 2015 Evolving Collective Behaviors in Robotics (ECBR'15) Workshop, ss. 1245– 1246, Madrid, Spain, 11-15 July 2015. ACM.
- [235] Jan Zegklitz ja Petr Posik. Model selection and overfitting in genetic programming: Empirical study. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez, Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini, Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi, Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini, Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference, ss. 1527–1528, Madrid, Spain, 11-15 July 2015. ACM.

- [236] Jan Zegklitz ja Petr Posik. Symbolic regression by grammar-based multi-gene genetic programming. Kirjassa Tea Tusar ja Boris Naujoks, toim., *GECCO'15 Student Workshop*, ss. 1217–1220, Madrid, Spain, 11-15 July 2015. ACM.
- [237] Mengjie Zhang ja Stefano Cagnoni. Evolutionary image analysis, signal processing and pattern recognition. Kirjassa Anabela Simoes, toim., *GECCO 2015 Advanced Tutorials*, ss. 473–502, Madrid, Spain, 11-15 July 2015. ACM.
- [238] Mingan Zhang ja Yong Deng. An improved artificial fish swarm algorithm in image segmentation application. Kirjassa Dirk Sudholt, toim., GECCO 2015 Late-Breaking Abstracts, ss. 781–782, Madrid, Spain, 11-15 July 2015. ACM.
- [239] Jinhua Zheng, Hui Bai, Ruimin Shen, ja Miqing Li. A comparative study use of otl for manyobjective optimization. Kirjassa Sara Silva, Anna I Esparcia-Alcazar, Manuel Lopez-Ibanez,
 Sanaz Mostaghim, Jon Timmis, Christine Zarges, Luis Correia, Terrence Soule, Mario Giacobini,
 Ryan Urbanowicz, Youhei Akimoto, Tobias Glasmachers, Francisco Fernandez de Vega, Amy
 Hoover, Pedro Larranaga, Marta Soto, Carlos Cotta, Francisco B. Pereira, Julia Handl, Jan
 Koutnik, Antonio Gaspar-Cunha, Heike Trautmann, Jean-Baptiste Mouret, Sebastian Risi,
 Ernesto Costa, Oliver Schuetze, Krzysztof Krawiec, Alberto Moraglio, Julian F. Miller, Pawel
 Widera, Stefano Cagnoni, JJ Merelo, Emma Hart, Leonardo Trujillo, Marouane Keswsentini,
 Gabriela Ochoa, Francisco Chicano, ja Carola Doerr, toim., GECCO Companion '15: Proceedings
 of the Companion Publication of the 2015 on Genetic and Evolutionary Computation Conference,
 ss. 1411–1412, Madrid, Spain, 11-15 July 2015. ACM.