Список литературы

[Abbas 10]   Hazem M. Abbas. *Mixed-coded evolutionary algorithm for Gaussian mixture maximum likelihood clustering with model selection.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 825–826, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Addicoat 10]   Matthew A. Addicoat & Zoe E. Brain. *Using a Meta-GA for parametric optimization of simple gas in the computational chemistry domain.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 823–824, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Afridi 10]   Muhammad Jamal Afridi, Salman Manzoor, Umer Rasheed, Mariam Ahmed & Kunwar Faraz. *Performance evaluation of evolutionary algorithms for road detection.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1331–1332, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Ahalpara 10]   Dilip P. Ahalpara. *Improved forecasting of time series data of real system using genetic programming.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 977–978, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Akimoto 10]   Youhei Akimoto, Yuichi Nagata, Isao Ono & Shigenobu Kobayashi. *Theoretical analysis of evolutionary computation on continuously differentiable functions.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1401–1408, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Al-Betar 10]   Mohammed Azmi Al-Betar, Ahamad Tajudin Khader & Farhad Nadi. *Selection mechanisms in memory consideration for examination timetabling with harmony search.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P

Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1203–1210, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Alonso 10]   Fernando Alonso, Loïc Martínez, Agustín Santamaría, Aurora Pérez & Juan Pedro Valente. *GGGP-based method for modeling time series: operator selection, parameter optimization and expert evaluation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 989–990, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Álvaro Fialho 10]   Álvaro Fialho, Marc Schoenauer & Michèle Sebag. *Toward comparison-based adaptive operator selection.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 767–774, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Arnold 10]   Dirk V. Arnold & Nikolaus Hansen. *Active covariance matrix adaptation for the (1+1)-CMA-ES.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 385–392, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Atilgan 10]   Emrah Atilgan & Jianjun Hu. *Efficient protein-ligand docking using sustainable evolutionary algorithm.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 211–212, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Auerbach 10]   Joshua E. Auerbach & Josh C. Bongard. *Evolving CPPNs to grow three-dimensional physical structures.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 627–634, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Augusto 10]   Douglas Adriano Augusto, Helio José Corrêa Barbosa & Nelson Francisco Favilla Ebecken. *Coevolutionary multi-population genetic*

programming for data classification. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 933–940, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Avery 10]   Phillipa Avery & Sushil Louis. *Coevolving influence maps for spatial team tactics in a RTS game.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 783–790, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Azad 10]   R. Muhammad Atif Azad & Conor Ryan. *Abstract functions and lifetime learning in genetic programming for symbolic regression.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 893–900, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Barrero 10]   David F. Barrero, David Camacho & María D. R-Moreno. *Confidence intervals of success rates in evolutionary computation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 975–976, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Barreto 10]   André M.S. Barreto, Heder S. Bernardino & Helio J.C. Barbosa. *Probabilistic performance profiles for the experimental evaluation of stochastic algorithms.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 751–758, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Behdad 10]   Mohammad Behdad, Tim French, Luigi Barone & Mohammed Bennamoun. *On the problems of using learning classifier systems for fraud detection.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1067–1068, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Benjamin 10]   Justin Benjamin & Bryant A. Julstrom. *Breaking ties with secondary fitness in a genetic algorithm for the bin packing problem.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 657–664, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Berghammer 10]   Rudolf Berghammer, Tobias Friedrich & Frank Neumann. *Set-based multi-objective optimization, indicators, and deteriorative cycles.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 495–502, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Bhowan 10]   Urvesh Bhowan, Mengjie Zhang & Mark Johnston. *AUC analysis of the pareto-front using multi-objective GP for classification with unbalanced data.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 845–852, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Bibai 10]   Jacques Bibai, Pierre Saveant, Marc Schoenauer & Vincent Vidal. *On the generality of parameter tuning in evolutionary planning.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 241–248, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Bongard 10]   Josh C. Bongard & Gregory S. Hornby. *Guarding against premature convergence while accelerating evolutionary search.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 111–118, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Borges 10]   Cruz E. Borges, Cesar L. Alonso & Jose L. Montana. *Model selection in genetic programming.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 985–986, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Bosman 10]   Peter A.N. Bosman. *The anticipated mean shift and cluster registration in mixture-based EDAs for multi-objective optimization.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 351–358, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Bringmann 10]   Karl Bringmann & Tobias Friedrich. *The maximum hypervolume set yields near-optimal approximation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 511–518, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Brown 10]   Jeremy B. Brown & Manfred Huber. *Pseudo-hierarchical ant-based clustering using a heterogeneous agent hierarchy and automatic boundary formation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 85–86, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Buryan 10]   Petr Buryan & Jiři Kubalik. *Context-sensitive refinements for stochasticoptimization algorithms in inductive logic programming.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1071–1072, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Carlson 10]   Benjamin P. Carlson & Dean F. Hougen. *Phenotype feedback genetic algorithm operators for heuristic encoding of snakes within hypercubes.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 791–798, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Ceriani 10]   Marco Ceriani, Fabrizio Ferrandi, Pier Luca Lanzi, Donatella Sciuto & Antonino Tumeo. *Multiprocessor systems-on-chip synthesis using multi-objective evolutionary computation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic

and evolutionary computation, pages 1267–1274, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Chen 10]   Ziyu Chen, Zhongshi He & Cheng Zhang. *Particle swarm optimizer with self-adjusting neighborhoods.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 9–14, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Chicano 10]   Francisco Chicano, Gabriel Luque & Enrique Alba. *Elementary landscape decomposition of the quadratic assignment problem.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1425–1432, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Choi 10]   Yoon-Seok Choi, Bon-Ki Koo & Byung-Ro Moon. *Optimization of an image set by genetic feature selection for real-time photomosaics.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1309–1310, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Chuang 10]   Chung-Yao Chuang & Wen-Lian Hsu. *Multivariate multi-model approach for globally multimodal problems.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 311–318, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Chwatal 10]   Andreas M. Chwatal, Günther R. Raidl & Michael Zöch. *Fitting multi-planet transit models to photometric time-data series by evolution strategies.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 377–384, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Clune 10]   Jeff Clune, Benjamin E. Beckmann, Philip K. McKinley & Charles Ofria. *Investigating whether hyperNEAT produces modular neural networks.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano

van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 635–642, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Collier 10]   Robert Collier & Mark Wineberg. *Approaches to multidimensional scaling for adaptive landscape visualization.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 649–656, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Colmenar 10]   J. Manuel Colmenar, José L. Risco-Martín, David Atienza, Oscar Garnica, J. Ignacio Hidalgo & Juan Lanchares. *Improving reliability of embedded systems through dynamic memory manager optimization using grammatical evolution.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1227–1234, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Connelly 10]   Brian D. Connelly, Benjamin E. Beckmann & Philip K. McKinley. *Resource abundance promotes the evolution of public goods cooperation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 143–150, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Conrad 10]   Alexander P. Conrad, Robert S. Roos & Gregory M. Kapfhammer. *Empirically studying the role of selection operators duringsearch-based test suite prioritization.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1373–1380, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Cook 10]   Jason E. Cook & Daniel R. Tauritz. *An exploration into dynamic population sizing.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 807–814, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Crofford 10]   John Crofford, Brent E. Eskridge & Dean F. Hougen. *Applying the triple parameter hypothesis to maintenance scheduling.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony

Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 799–806, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[de Mendonca Neta 10] Bernadete Maria de Mendonca Neta, Gustavo Henrique Diniz Araujo, Frederico Gadelha Guimaraes & Renato Cardoso Mesquita. *A hybrid genetic algorithm for automatic graph drawing based on the topology-shape-metric approach*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 743–750, Portland, Oregon, USA, 7-11 July 2010. ACM.

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Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 965–972, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Gajda 10]   Zbysek Gajda & Lukas Sekanina. *When does Cartesian genetic programming minimize the phenotype size implicitly?* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 983–984, Portland, Oregon, USA, 7-11 July 2010. ACM.

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'10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 775–782, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Garrett 10]   Aaron Garrett, Zizhong Chen & Daniel Eric Smith. *Constructing numerically stable real number codes using evolutionary computation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1163–1170, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Goldsby 10]   Heather J. Goldsby, David B. Knoester & Charles Ofria. *Evolution of division of labor in genetically homogenous groups.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 135–142, Portland, Oregon, USA, 7-11 July 2010. ACM.

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editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 409–416, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Gonzales 10]   Eloy Gonzales, Shingo Mabu, Karla Taboada, Kotaro Hirasawa & Kaoru Shimada. *Pruning association rules using statistics and genetic relation algoritm.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 419–420, Portland, Oregon, USA, 7-11 July 2010. ACM.

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Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 257–264, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Holzinger 10]   Emily Rose Holzinger, Carrie C. Buchanan, Scott M. Dudek, Eric C. Torstenson, Stephen D. Turner & Marylyn D. Ritchie. *Initialization parameter sweep in ATHENA: optimizing neural networks for detecting gene-gene interactions in the presence of small main effects.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 203–210, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Hutzschenreuter 10] Anke K. Hutzschenreuter, Peter A.N. Bosman & Han La Poutré. *Enhanced hospital resource management using anticipatory policies in online dynamic multi-objective optimization.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 541–542, Portland, Oregon, USA, 7-11 July 2010. ACM.

[II 10]   Jack F. Shepherd II & Kagan Tumer. *Robust neuro-control for a micro quadrotor.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V.

Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1131–1138, Portland, Oregon, USA, 7-11 July 2010. ACM.

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Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1341–1348, Portland, Oregon, USA, 7-11 July 2010. ACM.

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'10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 171–178, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Lode 10]   Clemens Lode, Urban Richter & Hartmut Schmeck. *Adaption of XCS to multi-learner predator/prey scenarios.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1015–1022, Portland, Oregon, USA, 7-11 July 2010. ACM.

[López-Camacho 10] Eunice López-Camacho, Hugo Terashima-Marín, Peter Ross & Manuel Valenzuela-Rendón. *Problem-state representations in a hyper-heuristic approach for the 2D irregular BPP.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 297–298, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Lopez-Ibanez 10]   Manuel Lopez-Ibanez & Thomas Stuetzle. *The impact of design choices of multiobjective antcolony optimization algorithms on performance: an experimental study on the biobjective TSP.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 71–78, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Loshchilov 10]   Ilya Loshchilov, Marc Schoenauer & Michèle Sebag. *A mono surrogate for multiobjective optimization.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 471–478, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Luong 10]   Hoang N. Luong, Hai T.T. Nguyen & Chang Wook Ahn. *Entropy-based substructural local search for the bayesian optimization algorithm.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra

Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 335–342, Portland, Oregon, USA, 7-11 July 2010. ACM.

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Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 545–546, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Myburgh 10]   Christie Myburgh & Kalyanmoy Deb. *Evolutionary algorithms in large-scale open pit mine scheduling*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1155–1162, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Orriols-Puig 10]   Albert Orriols-Puig, Xavier Llorà & David E. Goldberg. *How XCS deals with rarities in domains with continuous attributes.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1023–1030, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Salinas-Gutiérrez 10] Rogelio Salinas-Gutiérrez, Arturo Hernández-Aguirre & Enrique R. Villa-Diharce. *D-vine EDA: a new estimation of distribution algorithm based on regular vines.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens,

Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 359–366, Portland, Oregon, USA, 7-11 July 2010. ACM.

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Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1115–1122, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Steiner 10]   Till Steiner, Yaochu Jin & Bernhard Sendhoff. *Evolving heterochrony for cellular differentiation using vector field embryogeny*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen,

Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 571–578, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Stracquadanio 10] Giovanni Stracquadanio, Concetta Drago, Vittorio Romano & Giuseppe Nicosia. *Multi-objective optimization of doping profile in semiconductor design.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1243–1250, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Vafaee 10]   Fatemeh Vafaee, György Turán & Peter C. Nelson. *Optimizing genetic operator rates using a markov chain model of genetic algorithms*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 721–728, Portland, Oregon, USA, 7-11 July 2010. ACM.

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[Vanneschi 10]   Leonardo Vanneschi, Daniele Codecasa & Giancarlo Mauri. *An empirical comparison of parallel and distributed particle swarm optimization methods*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 15–22, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Veeramachaneni 10] Kalyan Veeramachaneni, Katya Vladislavleva, Matt Burland, Jason Parcon & Una-May O'Reilly. *Evolutionary optimization of flavors*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1291–1298, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Verbancsics 10]   Phillip Verbancsics & Kenneth O. Stanley. *Transfer learning through indirect encoding*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 547–554, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Vladislavleva 10] Katya Vladislavleva, Kalyan Veeramachaneni, Matt Burland, Jason Parcon & Una-May O'Reilly. *Knowledge mining with genetic programming methods for variable selection in flavor design*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 941–948, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Voß 10]   Thomas Voß, Nikolaus Hansen & Christian Igel. *Improved step size adaptation for the MO-CMA-ES*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 487–494, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Vrajitoru 10]   Dana Vrajitoru. *Shared memory genetic algorithms in a multi-agent context*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1097–1104, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Walton 10]   Maxwell Walton, Gary Grewal & Gerarda Darlington. *Parallel FPGA-based implementation of scatter search*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1075–1082, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wang 10]   Jun Wang & Ying Tan. *A novel genetic programming based morphological image analysis algorithm*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 979–980, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wen 10]   Yun Wen, Hua Xu & Jiadong Yang. *A heuristic-based hybrid genetic algorithm for heterogeneous multiprocessor scheduling*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 729–736, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Whitley 10]   L. Darrell Whitley, Francisco Chicano, Enrique Alba & Francisco Luna. *Elementary landscapes of frequency assignment problems*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1409–1416, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wilkerson 10]   Josh L. Wilkerson & Daniel Tauritz. *Coevolutionary automated software correction.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1391–1392, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wilson 10]   Garnett Wilson & Wolfgang Banzhaf. *Interday foreign exchange trading using linear genetic programming.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1139–1146, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Windisch 10]   Andreas Windisch. *Search-based test data generation from stateflow statecharts.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1349–1356, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wong 10]   Ka-Chun Wong, Kwong-Sak Leung & Man-Hon Wong. *Protein structure prediction on a lattice model via multimodal optimization techniques.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 155–162, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Wu 10]   Shelly Xiaonan Wu & Wolfgang Banzhaf. *A hierarchical cooperative evolutionary algorithm.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 233–240, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Xu 10]   Zhihong Xu, Myra B. Cohen & Gregg Rothermel. *Factors affecting the use of genetic algorithms in test suite augmentation.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1365–1372, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Yang 10] Jiadong Yang, Hua Xu, Yunpeng Cai & Peifa Jia. *Effective structure learning for EDA via L1-regularizedbayesian networks*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 327–334, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Yehoshua 10] Roi Yehoshua, Mireille Avigal & Ron Unger. *Analysis of the effects of lifetime learning on population fitness using vose model*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 681–688, Portland, Oregon, USA, 7-11 July 2010. ACM.

[You 10] Ying-Shiuan You, Tain-Li Yu & Ta-Chun Lien. *Psychological preference-based optimization framework on the nurse scheduling problem*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1319–1320, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Zafra 10] Amelia Zafra & Sebastián Ventura. *Grammar guided genetic programming for multiple instance learning: an experimental study*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 909–916, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Zapotecas Martínez 10] Saúl Zapotecas Martínez & Carlos A. Coello Coello. *A multi-objective meta-model assisted memetic algorithm with non gradient-based local search*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 537–538, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Zhan 10] Zhi-Hui Zhan & Jun Zhang. *Self-adaptive differential evolution based on PSO learning strategy*. In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 39–46, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Zhang 10]   Yuanyuan Zhang, Enrique Alba, Juan J. Durillo, Sigrid Eldh & Mark Harman. *Today/future importance analysis.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1357–1364, Portland, Oregon, USA, 7-11 July 2010. ACM.

[Zhou 10]   You Zhou & Ying Tan. *Particle swarm optimization with triggered mutation and its implementation based on GPU.* In Juergen Branke, Martin Pelikan, Enrique Alba, Dirk V. Arnold, Josh Bongard, Anthony Brabazon, Juergen Branke, Martin V. Butz, Jeff Clune, Myra Cohen, Kalyanmoy Deb, Andries P Engelbrecht, Natalio Krasnogor, Julian F. Miller, Michael O'Neill, Kumara Sastry, Dirk Thierens, Jano van Hemert, Leonardo Vanneschi & Carsten Witt, editeurs, GECCO '10: Proceedings of the 12th annual conference on Genetic and evolutionary computation, pages 1–8, Portland, Oregon, USA, 7-11 July 2010. ACM.