Список литературы

[:20 11] Paper not in the database. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Abegaz 11] Tamirat Abegaz, Gerry Dozier, Kelvin Bryant, Joshua Adams, Joseph Shelton, Ricanek Karl & Damon Woodard. SSGA and EDA Based Feature Selection and Weighting for Face Recognition. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1374–1380, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Manuel Abello, Lam Thu Bui & Zbigniew Michalewicz. An Adaptive Approach for Solving Dynamic Scheduling with Time-varying Number of Tasks - Part I. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1702–1709, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Myriam Abramson, Ian Will & Ranjeev Mittu. Hybrid tuning of an evolutionary algorithm for sensor allocation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1671–1677, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Ghandar Adam & Michalewicz Zbigniew. Using Cellular Evolution for Diversification of the Balance Between Accurate and Interpretable Fuzzy Knowledge Bases for Classification. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1480–1487, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Salem Adra, Mariam Kiran, Phil McMinn & Neil Walkinshaw. A Multiobjective Optimisation Approach For The Dynamic Inference and Refinement Of Agent-Based Model Specifications. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2230–2237, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Amir Ahmadi-Javid. Anarchic Society Optimization: A Human-Inspired Method. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2566–2572, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Eun Yeong Ahn, Tracy Mullen & John Yen. Evolutionary Based Feature Extraction with Dynamic Mutation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 409–416, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Eun Yeong Ahn, Tracy Mullen & John Yen. A Two-Population Evolutionary Algorithm for Feature Extraction: Combining Filter and Wrapper. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 723–730, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Bahriye Akay & Dervis Karaboga. Wavelet Packets Optimization using Artificial Bee Colony Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 89–94, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Abello 11]

[Abramson 11]

[Adam 11]

[Adra 11]

[Ahmadi-Javid 11]

[Ahn 11a]

[Ahn 11b]

[Akay 11]

[Al-Khateeb 11]

Belal Al-Khateeb & Graham Kendall. *The Importance of Look-Ahead Depth in Evolutionary Checkers*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2245–2251, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Aldridge 11]

Shawn Aldridge, Brendan Babb, Frank Moore & Michael Peterson. *Improved Reconstruction of Deep Space Images via Genetic Algorithms*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 102–109, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Aleshunas 11]

John Aleshunas & Cezary Janikow. Cost-benefit Analysis of Using Heuristics in ACGP. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1177–1183, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Alford 11a]

Aniesha Alford, Caresse Hansen, Gerry Dozier, Kelvin Bryant, John Kelly, Tamirat Abegaz, Karl Ricanek & Damon Woodard. *GEC-Based Multi-Biometric Fusion*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2056–2059, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Alford 11b]

Aniesha Alford, Khary Popplewell, Gerry Dozier, Kelvin Bryant, John Kelly, Joshua Adams, Tamirat Abegaz, Joseph Shelton, Karl Ricanek & Damon Woodard. A Comparison of GEC-Based Feature Selection and Weighting for Multimodal Biometric Recognition. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2712–2715, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ali 11]

Mostafa Ali, Ayad Salhieh, Randa Abu Snaineh & Robert Reynolds. Boosting Cultural Algorithms with an Incongruous Layered Social Fabric Influence Function. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1230–1237, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Alimadad 11]

Azadeh Alimadad, Vahid Dabbaghian, Singh Singh & Herbert H. Tsang. *Modeling HIV Spread through Sexual Contact Using a Cellular Automaton*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2338–2343, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Allen 11]

Martin Allen & Phil Fritzsche. Reinforcement Learning with Adaptive Kanerva Coding for Xpilot Game AI. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1520–1527, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Alshammari 11]

Riyad Alshammari & A. Nur Zincir-Heywood. *Is Machine Learning losing the battle to produce transportable signatures against VoIP traffic?* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1542–1549, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Amaral 11]

Laurence Amaral & Estevam Hruschka. *Transgenic, an operator for Evolutionary Algorithms*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1307–1313, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Amiri 11]

Babak Amiri, Liaquat Hossain & John W Crawford. An Efficient Multiobjective Evolutionary Algorithm for Community Detection in Social

Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2186–2192, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Andres 11]

Cesar Andres, Luis Llana & Manuel Nunez. Self-Adaptive Fuzzy-Timed Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 115–122, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ankush 11]

Mandal Ankush, Aveek Kumar Das, Prithwijit Mukherjee, Swagatam Das & P. N. Suganthan. *Modified Differential Evolution with Local Search Algorithm for Real World Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1564–1571, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Antonakopoulos 11]

Konstantinos Antonakopoulos & Gunnar Tufte. A common genetic representation capable of developing distinct computational architectures. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1263–1270, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Asafuddoula 11]

Md. Asafuddoula, Tapabrata Ray & Ruhul Sarker. An Adaptive Differential Evolution Algorithm and its Performance on Real World Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1056–1061, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Asconavieta 11]

Paulo Asconavieta, Marco Goldbarg & Elizabeth Goldbarg. *Evolutionary Algorithm for the Car Renter Salesman*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 586–593, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11a]

Daniel Ashlock & Joseph Brown. Fitness Functions for Searching the Mandelbrot Set. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1107–1114, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11b]

Daniel Ashlock, Christopher Kuusela & Monica Cojocaru. Shopkeeper Strategies in the Iterated Prisoner's Dilemma. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1062–1069, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11c]

Daniel Ashlock & Cameron McGuinness. *Decomposing the Level Generation Problem with Tiles*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 848–855, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11d]

Daniel Ashlock & Sylvia Nguyen. Financial Control of the Evolution of Autonomous NPCs. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 827–834, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11e]

Daniel Ashlock, Justin Schonfeld & Paul McNicholas. *Translation Tables: A Genetic Code in an Evolutionary Algorithm*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2672–2679, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ashlock 11f]

Daniel Ashlock, Elisabeth Shiller & Colin Lee. Comparison of Evolved Epidemic Networks with Diffusion Characters. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 780–787, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Atkins 11]

Daniel Atkins, Kourosh Neshatian & Mengjie Zhang. A Domain Independent Genetic Programming Approach to Automatic Feature Extraction for Image Classification. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 238–245, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Avery 11]

Phillipa Avery, Julian Togelius, Alistar Elvis & Robert Pieter van Leeuwen. Computational Intelligence and Tower Defence Games. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1083–1090, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Awad 11]

Mohamad Awad & Kenneth De Jong. Optimization of Spectral Signature Selection Using Multi-Objective Genetic Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1619–1626, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ayob 11]

Ahmad Faisal Mohamad Ayob, Tapabrata Ray & Warren Smith. Scenario-based Hydrodynamic Design Optimization of High Speed Planing Craft for Coastal Surveillance. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 354–361, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Azevedo 11a]

Carlos Azevedo & Aluizio Araujo. Correlation Between Diversity and Hypervolume in Evolutionary Multiobjective Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2730–2737, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Azevedo 11b]

Carlos Azevedo & Aluizio Araujo. Generalized Immigration Schemes for Dynamic Evolutionary Multiobjective Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2032–2039, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Azuma 11]

Regina M. Azuma, Guilherme Coelho & Fernando J. Von Zuben. Evolutionary Multi-Objective Optimization for the Vendor-Managed Inventory Routing Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1456–1463, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Bandaru 11a]

Sunith Bandaru, Rupesh Tulshyan & Kalyanmoy Deb. *Modified SBX and Adaptive Mutation for Real World Single Objective Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1334–1341, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Bandaru 11b]

Sunith Bandaru, Cem Celal Tutum, Kalyanmoy Deb & Jesper Henri Hattel. Higher-level Innovization: A Case Study from Friction Stir Welding Process Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2769–2776, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Banerjee 11]

Amit Banerjee & Issam Abu-Mahfouz. Evolutionary Algorithm-based Parameter Identification for Nonlinear Dynamical Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1–5, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Barrero 11]

David F. Barrero, Maria R-Moreno, Bonifacio Castano & David Camacho. An Empirical Study on the Accuracy of Computational Effort in Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1169–1176, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Batista 11]

Lucas Batista, Felipe Campelo, Frederico Guimaraes & Jaime Ramirez. A Comparison of Dominance Criteria in Many-Objective Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2352–2359, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Becker 11]

Matthias Becker. Design of Fault Tolerant Networks with Agent-based Simulation of Physarum Polycephalum. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 285–291, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Benkhelifa 11]

Elhadj Benkhelifa, Ashutosh Tiwari, Alfonso G. De Rueda & Mansour Moniri. Evolutionary Multi-objective Design Optimisation of Energy Harvesting MEMS: The Case of a Piezoelectric. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1855–1862, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Braun 11]

Jan Braun, Johannes Krettek, Frank Hoffmann & Torsten Bertram. Structure and Parameter Identification of Nonlinear Systems with an Evolution Strategy. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2437–2444, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Bremner 11]

Paul Bremner, Mohammad Samie, Anthony Pipe & Andy Tyrrell. *Multi-Objective Optimisation of Cell-Array Circuit Evolution*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 440–446, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Brown 11]

Joseph Alexander Brown, Daniel Ashlock, Sheridan Houghten & John Orth. *Autogeneration of Fractal Photographic Mosaic Images*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1115–1122, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Bui 11]

Lam Thu Bui, Hussein Abbass, Stephen Baker, Michael Barlow & Axel Bender. A Grid-Based Heuristic for Two-Dimensional Packing Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2322–2329, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Cardamone 11]

Luigi Cardamone, Andrea Mocci & Carlo Ghezzi. Dynamic Synthesis of Program Invariants using Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 617–624, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Carina 11]

Viljoen Carina, Nitschke Geoff & Willem van Heerden. Evolution of a Fictional Dialogue. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1099–1106, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Carpentieri 11]

Marco Carpentieri. On Robustness of Permutations Sequencing Operators: Solving Satisfiability of Random 3-CNFs by Simple Crossover. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 693–700, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Carvalho 11]

Rafael Carvalho, Gustavo Brunoro & Gisele L. Pappa. *HCGA: A Genetic Algorithm for Hierarchical Classification*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 932–939, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Castro 11]

Pablo Castro & Fernando J. Von Zuben. Training Multilayer Perceptrons with a Gaussian Artificial Immune System. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1255–1262, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Celebi 11]

Remzi Celebi & Hurevren Kilic. *Mobile Prisoner's Dilemma Game Played On Diverse Habitats*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2593–2597, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chakraborty 11]

Uday Chakraborty, Sajal Das & Travis Abbott. Clustering in Mobile Ad Hoc Networks with Differential Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2216–2221, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chen 11a]

Ping-Lin Chen, Ming-Chin Yang & Tsung-Ying Sun. *PSO-based On-line Tuning PID Controller for Setpoint Changes and Load Disturbance*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1886–1893, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chen 11b]

Shih-Hsin Chen & Min-Chih Chen. Bi-Variate Artificial Chromosomes with Genetic Algorithm for Single Machine Scheduling Problems with Sequence-Dependent Setup Times. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 45–53, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chen 11c]

Zhanghui Chen & Ping Luo. QISA: Incorporating Quantum Computation into Simulated Annealing for Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2580–2587, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chiang 11a]

Tsung-Che Chiang & Yung-Pin Lai. MOEA/D-AMS: Improving MOEA/D by an Adaptive Mating Selection Mechanism. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1472–1479, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chiang 11b]

Wen-Chyuan Chiang, Gangshu Cai, Xiaojing Xu, Ganesh Mudunuri & Weihang Zhu. Two-Stage Tabu - Particle Swarm Algorithms for the Facility

Layout Problem with Size Constraints. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1678–1685, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chica 11]

Manuel Chica, Oscar Cordon & Sergio Damas. Tackling the 1/3 Variant of the Time and Space Assembly Line Balancing Problem by Means of a Multiobjective Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1366–1373, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chira 11a]

Camelia Chira. A Hybrid Evolutionary Approach to Protein Structure Prediction with Lattice Models. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2293–2299, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chira 11b]

Camelia Chira & Anca Gog. Fitness Evaluation for Overlapping Community Detection in Complex Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2193–2199, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chowdhury 11]

Ahsan Raja Chowdhury & Madhu Chetty. An Improved Method to Infer Gene Regulatory Network using S-System. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1011–1018, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chu 11]

Wei Chu, Xiaogang Gao & Soroosh Sorooshian. Fortify Particle Swam Optimizer (PSO) with Principal Components Analysis—An example in improving bound-handling for optimizing high-dimensional and complex problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1643—1647, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chuan 11]

Shi Chuan, Yan Zhenyu, Pan Xin, Cai Yanan & Wu Bin. *Multi-objective Decisionmaking in the Detection of Comprehensive Community Structures*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1488–1494, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Chuang 11]

Yao-Chen Chuang & Chyi-Tsong Chen. A Study on Real-Coded Genetic Algorithm for Process Optimization Using Ranking Selection, Direction-Based Crossover and Dynamic Mutation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2468–2475, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Clancey 11]

Owen Clancey & Matthew Witten. A Memetic Algorithm for Dosimetric Optimization in CyberKnife Robotic Radiosurgical Treatment Planning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 879–884, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Cobos 11]

Carlos Cobos, Martha Mendoza & Elizabeth Leon. A Hyper-Heuristic Approach To Design And Tuning Heuristic Methods For Web Document Clustering. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1349–1357, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Coelho 11a]

Guilherme Coelho, Fabricio de Franca & Fernando J. Von Zuben. A Concentration-based Artificial Immune Network for Combinatorial Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1247–1254, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Coelho 11b]

Leandro Coelho, Diego Bernert & Viviana Mariani. A chaotic firefly algorithm applied to reliability-redundancy optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 517–521, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Coia 11]

Corrado Coia & Brian Ross. Automatic Evolution of Conceptual Building Architectures. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1145–1152, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Corns 11]

Steven Corns. On the Effects of Graph Based Evolutionary Algorithms for Training Finite State Classifiers. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1019–1025, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Costa 11]

Breno C. Costa, Paulo E. M. Almeida & Evandro Caldeira. *Traffic Lights Timing Inside Microregion Simulator Using Multiobjective Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1381–1386, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Coulter 11]

Duncan Coulter & Elizabeth Ehlers. Biologically Inspired Obsolescence Management in Mobile Agent Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2048–2055, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Cruz 11]

Andre Cruz, Rodrigo Cardoso, Elizabeth Wanner & Ricardo Takahashi. *Using Convex Quadratic Approximation as a Local Search Operator in Evolutionary Multiobjective Algorithms*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1222–1229, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Cuccu 11]

Giuseppe Cuccu, Faustino Gomez & Tobias Glasmachers. *Novelty-Based Restarts for Evolution Strategies*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 158–163, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Daneshyari 11]

Moayed Daneshyari & Gary Yen. *Dynamic Optimization using Cultural based PSO*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 509–516, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Davarynejad 11]

Mohsen Davarynejad, Jafar Rezaei, Jos Vrancken, Jan van den Berg & Carlos A. Coello Coello. *Accelerating Convergence Towards the Optimal Pareto Front*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2100–2107, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[de Armas 11]

Jesica de Armas, Gara Miranda & Coromoto Leon. Two Encoding Schemes for a Multi-Objective Cutting Stock Problem. In Alice E. Smith, editeur,

Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 529–536, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[de Bruyn 11]

Kobus de Bruyn, Geoff Nitschke & Willem van Heerden. Evolutionary Algorithms and Particle Swarm Optimization for Artificial Language Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2688–2695, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[de Franca 11]

Fabricio de Franca & Fernando J. Von Zuben. Extracting additive and multiplicative coherent biclusters with swarm intelligence. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 625–631, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[De la Fraga 11]

Luis Gerardo De la Fraga & Gustavo M. Lopez Dominguez. Robust Detection of Several Circles or Ellipses with Heuristics. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 484–490, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dias 11]

Douglas Dias, Anderson Singulani, Marco Aurelio Pacheco, Patricia Souza, Mauricio Pires & Omar Vilela Neto. Self-Assembly Quantum Dots Growth Prediction by Quantum-Inspired Linear Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2060–2067, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Diaz-Manriquez 11]

Alan Diaz-Manriquez, Gregorio Toscano-Pulido & Wilfrido Gomez-Flores. On the Selection of Surrogate Models in Evolutionary Optimization Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2148–2155, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dobslaw 11]

Felix Dobslaw. *Iteration-wise Parameter Learning*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 455–462, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dohare 11]

Deepti Dohare & V. Susheela Devi. Combination of Similarity Measures for Time Series Classification using Genetic Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 401–408, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dorn 11]

Marcio Dorn, Luciana S. Buriol & Luis C. Lamb. A Hybrid Genetic Algorithm for the 3-D Protein Structure Prediction Problem using a Path-Relinking Strategy. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2696–2703, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dos Santos 11]

Eulanda M. Dos Santos & Robert Sabourin. Classifier Ensembles Optimization Guided by Population Oracle. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 679–684, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Doucette 11]

John Doucette & Malcolm Heywood. Revisiting the Acrobot 'height' task: An example of Efficient Evolutionary Policy Search under an Episodic Goal Seeking Task. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 468–475, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Downey 11]

Carlton Downey & Mengjie Zhang. Execution Trace Caching for Linear Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1191–1198, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dumas 11]

Laurent Dumas, Mohammed El Rhabi & Gilles Rochefort. An Evolutionary Approach For Blind Deconvolution Of Barcode Images With Nonuniform Illumination. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2416–2421, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dymond 11]

Antoine Dymond, Andries P. Engelbrecht & Stephan Heyns. The sensitivity of single objective optimization algorithm control parameter values under different computational constraints. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1411–1418, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Dziuk 11]

Adam Dziuk & Risto Miikkulainen. Creating Intelligent Agents through Shaping of Coevolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1076–1082, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Echegoven 11]

Carlos Echegoyen, Qingfu Zhang, Alexander Mendiburu, Roberto Santana & Jose Antonio Lozano. On the Limits of Effectiveness in Estimation of Distribution Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1572–1579, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ellefsen 11]

Kai Olav Ellefsen. *Dynamic Robot Scheduling Using a Genetic Algorithm*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2024–2031, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Elsayed 11a]

Saber Elsayed, Ruhul Sarker & Daryl Essam. Differential Evolution with Multiple Strategies for Solving CEC2011 Real-world Numerical Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1040–1047, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Elsayed 11b]

Saber Elsayed, Ruhul Sarker & Daryl Essam. *GA with a New Multi-Parent Crossover for Constrained Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 856–863, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Elsayed 11c]

Saber Elsayed, Ruhul Sarker & Daryl Essam. *GA with a New Multi-Parent Crossover for Solving IEEE-CEC2011 Competition Problems*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1033–1039, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Elsayed 11d]

Saber Elsayed, Ruhul Sarker & Daryl Essam. Integrated Strategies Differential Evolution Algorithm with a Local Search for Constrained Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2611–2618, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Emmerich 11]

Michael Emmerich, Andre Deutz & Jan Willem Klinkenberg. Hypervolume-based Expected Improvement: Monotonicity Properties and Exact Computation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2140–2147, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Eppe 11]

Stefan Eppe, Manuel Lopez-Ibanez, Thomas Stuetzle & Yves De Smet. An Experimental Study of Preference Model Integration into Multi-Objective Optimization Heuristics. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2738–2745, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ergezer 11]

Mehmet Ergezer & Dan Simon. Oppositional Biogeography-Based Optimization for Combinatorial Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1495–1502, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Eskridge 11]

Brent Eskridge. Extrapolation of Regularity Using Indirect Encodings. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1279–1286, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Esmailzadeh 11]

Ali Esmailzadeh & Shahryar Rahnamayan. Enhanced Differential Evolution Using Center-Based Sampling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2634–2641, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Espitia 11]

Helbert Espitia & Jorge Sofrony. Path planning of mobile robots using potential fields and swarms of Brownian particles. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 123–129, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Estevez 11]

Jose Estevez, Pedro Toledo & Silvia Alayon. Using an Induced Relational Decision Tree for Rule Injection in a Learning Classifier System. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 640–647, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Falcon 11]

Rafael Falcon, Marcio Almeida & Amiya Nayak. Fault Identification with Binary Adaptive Fireflies in Parallel and Distributed Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1358–1365, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[fang Ji 11]

Xin fang Ji, Dun wei Gong & Xiao ping Ma. Solving optimization problems with intervals and hybrid indices using evolutionary algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2522–2529, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Fernandes 11]

Carlos M. Fernandes, Carlos Isidoro, Fabio Barata, Agostinho C. Rosa & Juan Julian Merelo. From Pherographia to Color Pherographia - Color Sketching with Artificial Ants. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1123–1130, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Fernandez-Ares 11]

Antonio Fernandez-Ares, Antonio M. Mora, Juan Julian Merelo, Pablo Garcia-Sanchez & Carlos Fernandes. Optimizing Player Behavior In A Real-Time Strategy Game Using Evolutionary Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2016–2023, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Fernandez de Vega 11] Francisco Fernandez de Vega, Francisco Chavez de la O, Rafael Alcala Fernandez & Francisco Herrera Triguero. Musical Genre Classification by means of Fuzzy Rules Based Systems: A preliminary approach. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2551–2557, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Friedlander 11]

Anna Friedlander, Kourosh Neshatian & Mengjie Zhang. Meta-Learning and Feature Ranking Using Genetic Programming for Classification: Variable Terminal Weighting. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 940–947, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Fu 11]

Wenlong Fu, Mark Johnston & Mengjie Zhang. Genetic Programming For Edge Detection: A Global Approach. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 254–261, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Fukushima 11]

Nobusumi Fukushima, Yuichi Nagata, Shigenobu Kobayashi & Isao Ono. Proposal of Distance-weighted Exponential Natural Evolution Strategies. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 164–171, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Gallagher 11]

John Gallagher & Michael Oppenheimer. An Improved Evolvable Oscillator for All Flight Mode Control of an Insect-Scale Flapping-Wing Micro Air Vehicle. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 417–425, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Garcia-Arenas 11]

Maribel Garcia-Arenas, Juan Julian Merelo, Antonio M. Mora, Pedro Castillo & Gustavo Romero. Assessing speed-ups in commodity cloud storage services for distributed evolutionary algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 304–311, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Garro 11]

Beatriz A Garro, Humberto Sossa & Roberto A Vazquez. Artificial Neural Network Synthesis by means of Artificial Bee Colony (ABC) Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 331–338, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Garza-Fabre 11a]

Mario Garza-Fabre, Eduardo Rodriguez-Tello & Gregorio Toscano-Pulido. Comparing Alternative Energy Functions for the HP Model of Protein Structure Prediction. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2300–2307, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Garza-Fabre 11b]

Mario Garza-Fabre, Gregorio Toscano-Pulido, Carlos A. Coello Coello & Eduardo Rodriguez-Tello. Effective Ranking + Speciation = Many-ObjectiveOptimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2108–2115, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Geng 11]

Jiulei Geng & Jing Liu. Image Texture Classification using a Multiagent Genetic Clustering Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 504–508, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ghaffarizadeh 11]

Ahmadreza Ghaffarizadeh, Kamilia Ahmadi & Nicholas S. Flann. Sorting Unsigned Permutations by Reversals using Multi-Objective Evolutionary Algorithms with Variable Size Individuals. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 292–295, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ghosh 11]

Saurav Ghosh, Subhrajit Roy, Das Swagatam, Abraham Ajith & Islam Minhazul. Peak-to-Average Power Ratio Reduction in OFDM Systems Using an Adaptive Differential Evolution Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1940–1948, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Goh 11]

Chi Keong Goh, Dudy Lim, Li Ma, Yew Soon Ong & Partha Dutta. A Surrogate-Assisted Memetic Co-evolutionary Algorithm for Expensive Constrained Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 731–736, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Goncalves 11]

Andre R. Goncalves & Fernando J. Von Zuben. Online learning in estimation of distribution algorithms for dynamic environments. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 62–69, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Gong 11]

Yiyuan Gong & Alex Fukunaga. Distributed Island-Model Genetic Algorithms Using Heterogeneous Parameter Settings. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 819–826, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Gonzalez-Pardo 11]

Antonio Gonzalez-Pardo & David Camacho. Analysis of Grammatical Evolution Approaches to Regular Expression Induction. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 632–639, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Goulart 11]

Nata Goulart, Luiz Dias, Sergio Souza & Thiago Noronha. Biased Random-key Genetic Algorithm for Fiber Installation in Optical Network Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2260–2264, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Graham 11]

Lee Graham, John Borbone & Gary Parker. Comparison of a Greedy Selection Operator to Tournament Selection and a Hill Climber. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1503–1507, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Green, II 11]

Robert Green, II, Lingfeng Wang, Mansoor Alam & Richard Formato. Central Force Optimization on a GPU: A Case Study in High Performance Metaheuristics Using Multiple Topologies. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 550–557, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Greenwood 11a]

Garrison Greenwood. On the Value of Operator-Induced Neighborhoods in Fitness Landscapes. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 463–467, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Greenwood 11b]

Garrison Greenwood & Shubham Chopra. A Numerical Analysis of the Evolutionary Iterated Snowdrift Game. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2009–2015, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Grobler 11]

Jacomine Grobler, Andries P. Engelbrecht, Graham Kendall & V.S.S. Yadavalli. *Investigating the Impact of Alternative Evolutionary Selection Strategies on Multi-method Global Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2330–2337, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Haidar 11]

Ahmed Haidar, Khaled Noman, Rashad Al-Jawfi & Hazizulden Abdul Aziz. An Intelligent Placement of Distributed Capacitance based on Loss Minimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 767–771, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society.

[Halder 11]

Udit Halder, Swagatam Das, Dipankar Maity, Ajith Abraham & Dasgupta Preetam. Self Adaptive Cluster Based and Weed Inspired Differential Evolution Algorithm For Real World Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 737–743, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hamada 11a]

Naoki Hamada, Yuichi Nagata, Shigenobu Kobayashi & Isao Ono. Adaptive Weighted Aggregation 2: More Scalable AWA for Multiobjective Function Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2368–2375, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hamada 11b]

Naoki Hamada, Yuichi Nagata, Shigenobu Kobayashi & Isao Ono. On Scalability of Adaptive Weighted Aggregation for Multiobjective Function Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 655–664, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hamza 11]

Noha Hamza, Saber Elsayed, Ruhul Sarker & Daryl Essam. Differential Evolution Combined with Constraint Consensus for Constrained Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 864–871, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hancock 11]

David Hancock & Gary Lamont. *Multi Agent System For Network Attack Classification Using Flow-Based Intrusion Detection*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1534–1541, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Handa 11]

Hisashi Handa. Dimensionality Reduction of Scene and Enemy Information in Mario. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1514–1519, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Handoko 11]

Stephanus Daniel Handoko, Chee Keong Kwoh, Yew Soon Ong & Jonathan Chan. Classification-assisted Memetic Algorithms for Solving Optimization Problems with Restricted Equality Constraint Function Mapping. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1214–1221, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hassanein 11]

Osama Hassanein, Sreenatha Anavatti & Tapabrata Ray. Genetic Fuzzy Controller for Robot Manipulator Position Control based upon Inverse Dynamics. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 707–714, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[He 11]

Zhenan He & Gary Yen. An Ensemble Method for Performance Metrics in Multiobjective Evolutionary Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1723–1728, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Heinrich 11]

Enrico Heinrich, Ralf Joost & Ralf Salomon. Learning from the Barn Owl Auditory System: A Bio-Inspired Localization Hardware Architecture. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 216–221, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Helbig 11]

Marde Helbig & Andries P. Engelbrecht. Archive Management for Dynamic Multi-objective Optimisation Problems using Vector Evaluated Particle Swarm Optimisation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2040–2047, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Herbawi 11]

Wesam Herbawi & Michael Weber. Comparison of Multiobjective Evolutionary Algorithms for Solving The Multiobjective Route Planning in Dynamic Multihop Ridesharing. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2092–2099, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hernandez 11]

Jorge Hernandez & Gregorio Toscano-Pulido. A Comparison on the Search of Particle Swarm Optimization and Differential Evolution on Multi-Objective Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1977–1984, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hijaze 11]

Muhannad Hijaze & David Corne. Distributed Evolutionary Algorithm Topologies with Adaptive Migration Schemes. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 601–608, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hill 11]

Seamus Hill & Colm O'Riordan. Examining the use of a Non-Trivial Fixed Genotype-Phenotype Mapping in Genetic Algorithms to Induce Phenotypic Variability over Deceptive Uncertain Landscapes. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1403–1410, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hingston 11]

Philip Hingston & Mike Preuss. *Red Teaming with Coevolution*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1160–1168, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hiruma 11]

Hideru Hiruma, Alex Fukunaga, Kazuki Komiya & Hitoshi Iba. *Evolving an Effective Robot Tour Guide*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 137–144, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hsieh 11a]

Min-Nan Hsieh, Tsung-Che Chiang & Li-Chen Fu. A Hybrid Constraint Handling Mechanism with Differential Evolution for Constrained Multiobjective Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1784–1791, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hsieh 11b]

Sheng-Ta Hsieh, Shih-Yuan Chiu & Shi-Jim Yen. Sharing Mutation Genetic Algorithm for Solving Multi-objective Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1832–1838, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Huang 11]

Yu-Hsuan Huang & Chuan-Kang Ting. Genetic Algorithm with Path Relinking for the Multi-Vehicle Selective Pickup and Delivery Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1817–1824, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[hui Zhong 11]

Jing hui Zhong & Jun Zhang. Energy-Efficient Local Wake-up Scheduling in Wireless Sensor Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2273–2277, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Huo 11]

Chih-Li Huo, Tzu-Ying Lai & Tsung-Ying Sun. The Preliminary Study on Multi-Swarm Sharing Particle Swarm Optimization: Applied to UAV Path Planning Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1769–1775, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Hwang 11]

Ju-Won Hwang, Young-Seol Lee & Sung-Bae Cho. Structure Evolution of Dynamic Bayesian Network for Traffic Accident Detection. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1664–1670, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ibrahimov 11]

Maksud Ibrahimov, Arvind Mohais, Sven Schellenberg & Zbigniew Michalewicz. Comparison of Different Evolutionary Algorithms for Global Supply Chain Optimisation and Parameter Analysis. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2400-2407, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ioannides 11]

Charalambos Ioannides, Kerstin Eder & Geoff Barrett. *Improving XCS Performance on Overlapping Binary Problems*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1419–1426, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ishibuchi 11]

Hisao Ishibuchi, Naoya Akedo, Hiroyuki Ohyanagi & Yusuke Nojima. Behavior of EMO Algorithms on Many-Objective Optimization Problems with Correlated Objectives. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1464–1471, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Islam 11a]

Md Kamrul Islam, Madhu Chetty & Manzur Murshed. Novel Local Improvement Techniques in Clustered Memetic Algorithm for Protein Structure Prediction. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1002–1010, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Islam 11b]

Minhazul Islam, Saurav Ghosh, Swagatam Das, Ajith Abraham & Subhrajit Roy. A Modified Discrete Differential Evolution based TDMA Scheduling Scheme for Many to One Communications in Wireless Sensor Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1949–1956, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Jennings 11]

Alan Jennings & Raul Ordonez. *Population Based Optimization for Variable Operating Points*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 145–151, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Jeong 11]

In-Bae Jeong, Chang-Soo Park, Ki-In Na, Seungbeom Han & Jong-Hwan Kim. Particle Swarm Optimization-based Central Patter Generator for Robotic Fish Locomotion. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 152–157, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Johansson 11]

Ulf Johansson, Cecilia Sonstrod & Tuve Lofstrom. One Tree to Explain Them All. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1443–1450, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Junior 11]

Zilton Cordeiro Junior & Gisele L. Pappa. A PSO algorithm for Improving Multi-View Classification. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 924–931, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Junqing 11]

Li Junqing, Pan Quanke & Xie Shengxian. Flexible Job Shop Scheduling Problems By A Hybrid Artificial Bee Colony Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 78–83, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kamath 11]

Uday Kamath, Kenneth De Jong & Amarda Shehu. An Evolutionary-based Approach for Feature Generation: Eukaryotic Promoter Recognition. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 277–284, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kameya 11]

Yoshitaka Kameya & Chativit Prayoonsri. Pattern-based Preservation of Building Blocks in Genetic Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2558–2565, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kessentini 11]

Sameh Kessentini, Dominique Barchiesi, Thomas Grosges & Marc Lamy de la Chapelle. Particle swarm optimization and evolutionary methods for

plasmonic biomedical applications. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2308–2313, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Khairy 11]

Mohamed Khairy, Magda B. Fayek & Elsayed E. Hemayed. *PSO2: Particle Swarm Optimization with PSO-Based Local Search*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1825–1831, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Khan 11]

Mohammad Khan, Ahmad Ayob, Amitay Isaacs & Tapabrata Ray. A Novel Evolutionary Approach for 2D Shape Matching Based on B-Spline Modeling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 648–654, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ki-Baek 11]

Lee Ki-Baek & Kim Jong-Hwan. *Multi-Objective Particle Swarm Optimization with Preference-based Sorting*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2486–2493, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kia 11]

Hamed Sajjadi Kia & Ababei Cristinel. A new Fault-tolerant and Congestionaware Adaptive Routing Algorithm for Regular Networks-on-Chip. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2453–2460, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kijowski 11]

Matthew Kijowski, John Gallagher & Laurence Merkle. Improved Learning in an Evolvable Hardware Hover Controller for an Insect Scale Flapping-Wing Micro Air Vehicle. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 426–431, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kim 11]

Eun-Sol Kim, Jung-Woo Ha, Wi Hoon Jung, Joon Hwan Jang, Jun Soo Kwon & Zhang Byoung-Tak. *Mutual Information-Based Evolution of Hypernetworks for Brain Data Analysis*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2604–2610, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kimura 11]

Shuhei Kimura & Koki Matsumura. Constrained Multimodal Function Optimization using a Simple Evolutionary Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 447–454, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Knittel 11]

Anthony Knittel & Terry Bossomaier. Formation and Activation of Feature Hierarchies Under Reinforcement. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2664–2671, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Korosec 11]

Peter Korosec & Jurij Silc. The Continuous Differential Ant-Stigmergy Algorithm Applied to Real-World Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1326–1333, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Krause 11]

Andreas Krause. Performance of evolving trading strategies with different discount factors. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 186–191, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kromer 11]

Pavel Kromer, Jan Platos & Vaclav Snasel. Differential Evolution for the Linear Ordering Problem Implemented on CUDA. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 795–801, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kudo 11]

Fumiya Kudo, Yoshikawa Tomohiro & Furuhashi Takeshi. A Study on Analysis of Design Variables in Pareto Solutions for Conceptual Design Optimization Problem of Hybrid Rocket Engine. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2538–2542, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Kumar 11]

Preethika Kumar, Steven Skinner & Daraeizadeh Sahar. Nearest-Neighbor Architecture to Overcome the Effects of Qubit Precessions on Gate Operations. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2716–2721, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Landassuri-Moreno 11] Victor M. Landassuri-Moreno & John A. Bullinaria. Biasing the Evolution of Modular Neural Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1957–1964, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[LaTorre 11a]

Antonio LaTorre, Santiago Muelas & Jose-Maria Pena. **Benchmarking** a Hybrid DE-RHC Algorithm on Real World Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1026–1032, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[LaTorre 11b]

Antonio LaTorre, Santiago Muelas, Jose-Maria Pena, Roberto Santana & Angel Merchan-Perez. A Differential Evolution Algorithm for the Detection of Synaptic Vesicles. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1686–1693, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Leal 11]

Liliam Leal, Marcus Lemos, Raimir Holanda, Ricardo Rabelo & Fabbio Borges. A Hybrid Approach Based on Genetic Fuzzy Systems for Wireless Sensor Networks. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 964–971, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lee 11a]

Bado Lee, Ho-Sik Seok & Byoung-Tak Zhang. Evolving a Population Code for Multimodal Concept Learning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 685–692, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lee 11b]

Ji-Hoon Lee, Bado Lee, Joon Shik Kim, Russell Deaton & Byoung-Tak Zhang. A Molecular Evolutionary Algorithm for Learning Hypernetworks on Simulated DNA Computers. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2722–2729, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Legriel 11]

Julien Legriel, Scott Cotton & Oded Maler. On Universal Search Strategies for Multi-Criteria Optimization Using Weighted Sums. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2344–2351, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Leguizamon 11]

Guillermo Leguizamon & Carlos A. Coello Coello. A Multi-Region Differential Evolution Algorithm for Continuos Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1933–1939, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lehman 11]

Joel Lehman & Kenneth Stanley. *Improving Evolvability through Novelty Search and Self-Adaptation*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2680–2687, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lemonge 11]

Afonso Lemonge, Michelli Silva & Helio Barbosa. Design Optimization of Geometrically Nonlinear Truss Structures Considering Cardinality Constraints. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 29–36, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lepagnot 11]

Julien Lepagnot, Amir Nakib, Hamouche Oulhadj & Patrick Siarry. Brain Cine MRI Segmentation Based on a Multiagent Algorithm for Dynamic Continuous Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1694–1701, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11a]

Bing Li, Xianneng Li, Shingo Mabu & Kotaro Hirasawa. Variable Size Genetic Network Programming with Binomial Distribution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 972–979, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11b]

Hecheng Li & Yuping Wang. A Real-Binary Coded Genetic Algorithm for Solving Nonlinear Bilevel Programming with Nonconvex Objective Functions. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2476–2480, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11c]

Jie Li, Changwen Zheng & Xiaohui Hu. A Hypervolume Based Approach for Minimal Visual Coverage Shortest Path. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1776–1783, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11d]

Rui Li, Ramin Etemaadi, Michael Emmerich & Michel Chaudron. An Evolutionary Multiobjective Optimization Approach to Component-Based Software Architecture Design. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 432–439, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11e]

Shuguang Li & Jianping Yuan. *The Modularity in Freeform Evolving Neural Networks*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2598–2603, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Li 11f] Xianneng Li, Bing Li, Shingo Mabu & Kotaro Hirasawa. A Novel Estimation of Distribution Algorithm Using Graph-based Chromosome Representation and Reinforcement Learning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 37–44, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Liang 11] Feng Liang, Ong Yew-Soon, Tan Ah-Hwee & Chen Xian-Shun. Human-like Social Multi-agents with Memetic Automaton. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1091–1098, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lima 11] Natalia Lima & Teresa Ludermir. Frankenstein PSO Applied to Neural Network Weights and Architectures. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2588–2592, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Hai lin Liu & Fangqing Gu. A improved NSGA-II algorithm based on subregional search. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1905–1910, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Liping 11] Jia Liping & Wang Yuping. Genetic Algorithm Based on Primal and Dual Theory for Solving Multiobjective Bilevel Linear Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 558–565, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Liu 11] Huideng Liu & Arui Qiu. Space active noise control system design with multiobjective genetic algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2179–2185, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

> Alan Lockett & Risto Miikkulainen. Measure-Theoretic Evolutionary Annealing. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2132–2139, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Dome Lohpetch & David Corne. Multiobjective Algorithms for Financial Trading Multiobjective Out-trades Single-Objective. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 192–199, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

> Antonio Lopez-Jaimes, Alfredo Arias-Montano & Carlos A. Coello Coello. Preference Incorporation to Solve Many-Objective Airfoil Design Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1604–1611, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Marcelo Lotif & Andre Coelho. Visually Inspecting the Search Behavior of Harmony Search and its Variants with Viz3D. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 609-616, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

Xiaofen Lu, Ke Tang & Xin Yao. Classification-Assisted Differential Evolution for Computationally Expensive Problems. In Alice E. Smith, editeur,

[lin Liu 11]

[Lockett 11]

[Lohpetch 11]

[Lopez-Jaimes 11]

[Lotif 11]

[Lu 11]

Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1985–1992, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lugo-Cordero 11]

Hector Lugo-Cordero, Abigail Fuentes-Rivera, Ratan Guha & Eduardo Ortiz-Rivera. Particle Swarm Optimization for Load Balancing in Green Smart Homes. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 701–706, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Lung 11]

Rodica Ioana Lung & Dumitru Dumitrescu. A New Evolutionary Approach to Minimax Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1901–1904, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ly 11]

Daniel Ly & Hod Lipson. Trainer Selection Strategies for Coevolving Rank Predictors. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2392–2399, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Madeiro 11]

Salomao Madeiro, Edson Galvao, Celso Cavellucci, Christiano Lyra & Fernando J. Von Zuben. Simultaneous Capacitor Placement and Reconfiguration for Loss Reduction in Distribution Networks by a Hybrid Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2171–2178, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mahdi 11]

Setayesh Mahdi, Zhang Mengjie & Johnston Mark. Edge Detection Using Constrained Discrete Particle Swarm Optimisation in Noisy Images. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 246–253, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Malago' 11a]

Luigi Malago', Matteo Matteucci & Giovanni Pistone. Stochastic Natural Gradient Descent by Estimation of Empirical Covariances. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 948–955, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Malago' 11b]

Luigi Malago', Matteo Matteucci & Gabriele Valentini. *Introducing l1-regularized Logistic Regression in Markov Networks based EDAs*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1580–1587, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mallipeddi 11a]

Rammohan Mallipeddi, Giovanni Iacca, Nagaratnam Suganthan Ponnuthurai, Ferrante Neri & Ernesto Mininno. Ensemble Strategies in Compact Differential Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1971–1976, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mallipeddi 11b]

Rammohan Mallipeddi & Nagaratnam Suganthan Ponnuthurai. Ensemble Differential Evolution Algorithm for CEC2011 Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1556–1563, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Marco 11]

David Marco, David Cairns & Carron Shankland. Optimisation of Process Algebra Models Using Evolutionary Computation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation,

pages 1295–1300, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mariani 11]

Viviana Mariani, Luiz Guilherme Luvizotto, Carlos Klein & Leandro Coelho. A normative differential evolution approach for estimation of heat transfer coefficient during freezing treatment by inverse analysis. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 522–528, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Marti 11]

Luis Marti, Jesus Garcia, Antonio Berlanga & Jose M. Molina. *Indicator-based MONEDA: A Comparative Study of Scalability with Respect to Decision Space Dimensions*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 956–963, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Martinez 11]

Saul Zapotecas Martinez, Alfredo Arias-Montano & Carlos A. Coello Coello. A Nonlinear Simplex Search Approach for Multi-Objective Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2360–2367, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Masuda 11]

Kazuaki Masuda, Hirofumi Yokota & Kenzo Kurihara. An Empirical Study on the Search Directions of Differential Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2530–2537, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[McClymont 11]

Kent McClymont & Ed Keedwell. Benchmark Multi-objective Optimisation Test Problems with Mixed Encodings. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2124–2131, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Menezes 11a]

Lara Menezes & Andre Coelho. On Ensembles of Biclusters Generated by NichePSO. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 594–600, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Menezes 11b]

Telmo Menezes. Evolutionary Modeling of a Blog Network. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 908–915, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Menzel 11]

Stefan Menzel. Evolvable Free-Form Deformation Control Volumes for Evolutionary Design Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1387–1394, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Merelo 11]

Juan Julian Merelo, Antonio M. Mora & Carlos Cotta. Optimizing worst-case scenario in evolutionary solutions to the MasterMind puzzle. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2656–2663, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Miller 11]

Chris Miller, Frank Moore, Brendan Babb & Michael Peterson. *Improved Reconstruction of Quantized CT Scans via Genetic Algorithms*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2286–2292, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mirmomeni 11]

Masoud Mirmomeni & William Punch. Co-evolving Data Driven Models and Test Data Sets with the Application to Forecast Chaotic Time Series. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 14–20, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mojica-Nava 11]

Eduardo Mojica-Nava & Nicanor Quijano. A Replicator Dynamics Weighted Control Technique for a DC-DC Converter. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1871–1877, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mokom 11]

Felicitas Mokom & Ziad Kobti. Evolution of Artifact Capabilities. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 476–483, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Monson 11]

Christopher Monson. Simple Adaptive Cognition for PSO. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1656–1663, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Moritz 11]

Ralph Moritz, Tamara Ulrich, Lothar Thiele & Susanne Buerklen. *Mutation Operator Characterization: Exhaustiveness, Locality, and Bias.* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1395–1402, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Morshed 11]

Nizamul Morshed & Madhu Chetty. Reconstructing Genetic Networks with Concurrent Representation of Instantaneous and Time-Delayed Interactions. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1839–1846, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Mousavi 11]

Mohsen Mousavi, Shaikh Hoque, Shahryar Rahnamayan, Ibrahim Dincer & Greg F. Naterer. Optimal Design of an Air-Cooling System for a Li-Ion Battery Pack in an Electric Vehicle with a Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1847–1854, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Muehleisen 11]

Hannes Muehleisen, Tilman Walther & Robert Tolksdorf. *Multi-Level Indexing in a Distributed Self-Organized Storage System*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 988–993, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Munawar 11]

Asim Munawar, Mohamed Wahib, Masaharu Munetomo & Kiyoshi Akama. Advanced Genetic Algorithm to solve MINLP problems over GPU. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 318–325, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Munetomo 11]

Masaharu Munetomo. Realizing Robust and Scalable Evolutionary Algorithms toward Exascale Era. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 312–317, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Munoz 11]

Daniel Munoz, Carlos Llanos, Leandro Coelho & Mauricio Ayala. Opposition-based Shuffled PSO with Passive Congregation Applied to FM Matching

Synthesis. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2762–2768, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[N. 11]

Mohammad R. Raeesi N. & Ziad Kobti. A Machine Operation Lists Based Memetic Algorithm for Job Shop Scheduling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2429–2436, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Nagy 11]

Reka Nagy, Dumitru Dumitrescu & Rodica Ioana Lung. Fuzzy Equilibria for Games Involving n>2 Players. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2642–2648, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Nairat 11]

Malik Nairat, Palle Dahlstedt & Mats Nordahl. Character Evolution Approach to Generative Storytelling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1131–1136, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Namura 11]

Nobuo Namura, Koji Shimoyama, Shinkyu Jeong & Shigeru Obayashi. Kriging/RBF-Hybrid Response Surface Method for Highly Nonlinear Functions. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2514–2521, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Naruchitparames 11]

Jeffrey Naruchitparames, Mehmet Gunes & Sushil Louis. Friend Recommendations in Social Networks using Genetic Algorithms and Network Topology. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2200–2207, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Nasir 11]

Mohammed Nasir, A. Mondal, S. Sengupta, Swagatam Das & Ajith Abraham. An Improved Multiobjective Evolutionary Algorithm based on Decomposition with Fuzzy Dominance. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 752–759, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Neto 11a]

Antonino Feitosa Neto, Anne Canuto, Elizabeth Goldbarg & Marco Goldbarg. Optimization Techniques for the Selection of Members and Attributes in Ensemble Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1911–1918, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Neto 11b]

Omar Vilela Neto, Iury Bezerra, Marco Aurelio Pacheco & Andre Pimentel. Evolutionary Optimization of Sets of Basis Functions for First-Row Atoms by Using Discretization Process. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 544–549, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Neto 11c]

Omar Vilela Neto, Marco Aurelio Pacheco, Andre Pimentel & Enio Silveira. A Parallel Evolutionary Algorithm to Search for Global Minima Geometries of Heterogeneous ab initio Atomic Clusters. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 537–543, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Nguyen 11a]

Hoang Thanh Nguyen & Bir Bhanu. Tracking Pedestrians with Bacterial Foraging Optimization Swarms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 491–495, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Nguyen 11b]

Thi Hien Nguyen, Xuan Hoai Nguyen & Robert Ian McKay. A Study on Genetic Programming with Layered Learning and Incremental Sampling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1184–1190, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[nien Lin 11]

Chi nien Lin, Chih-Li Huo, Shu-Yan Lin, Yu-Hsiang Yu & Tsung-Ying Sun. *Taguchi-based Disturbance with Tournament Selection to Improve on MOPSO*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1804–1809, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Noman 11a]

Nasimul Noman, Danushka Bollegala & Hitoshi Iba. An Adaptive Differential Evolution Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2222–2229, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Noman 11b]

Nasimul Noman & Hitoshi Iba. Solving Dynamic Economic Dispatch Problems using Cellular Differential Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2626–2633, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Oh 11]

In Soo Oh, Yun-Geun Lee & Robert Ian McKay. Simulating Chemical Evolution. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2704–2711, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Oiso 11]

Masashi Oiso, Yoshiyuki Matsumura, Toshiyuki Yasuda & Kazuhiro Ohkura. Accelerating Steady-State Genetic Algorithms based on CUDA Architecture. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 673–678, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Okdem 11]

Selcuk Okdem, Dervis Karaboga & Celal Ozturk. An Application of Wireless Sensor Network Routing based on Artificial Bee Colony Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 326–330, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Oliveira 11]

Pedro Oliveira & Mateus Interciso. Ternary Representation Improves the Search for Binary, One-dimensional Density Classifier Cellular Automata. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1919–1925, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Oner 11]

Adalet Oner, Sel Ozcan & Derya Dengi. Optimization of university course scheduling problem with a hybrid artificial bee colony algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 339–346, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ozcan 11]

Tuncay Ozcan & Sakir Esnaf. A Heuristic Approach Based on Artificial Bee Colony Algorithm for Retail Shelf Space Optimization. In Alice E.

Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 95–101, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ozturk 11]

Celal Ozturk & Dervis Karaboga. *Hybrid Artificial Bee Colony Algorithm for Neural Network Training*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 84–88, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Palotti 11]

Joao Palotti, Thiago Salles, Gisele L. Pappa, Marcos A. Goncalves & Wagner Meira, Jr. Assessing Documents' Credibility with Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 200–207, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Papa 11]

Gregor Papa & Tomasz Garbolino. Optimal On-Line Built-In Self-Test Structure for System-Reliability Improvement. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 222–229, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Parker 11a]

Gary Parker & Phil Fritzsche. Fitness Biasing for Evolving an Xpilot Combat Agent. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1070–1075, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Parker 11b]

Gary Parker & William Tarimo. The Effects of Using a Greedy Factor in Hexapod Gait Learning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1508–1513, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Parker 11c]

Gary Parker, William Tarimo & Michael Cantor. Quadruped Gait Learning Using Cyclic Genetic Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1528–1533, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Parkinson 11]

Eddy Parkinson, Adam Ghandar, Zbigniew Michalewicz & Andrew Tuson. Estimating the Reproductive Potential of Offspring in Evolutionary Heuristics for Combinatorial Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 172–178, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Parracho 11]

Paulo Parracho, Rui Neves & Nuno Horta. Trading with Optimized Uptrend Pattern Template using a Genetic Algorithm Kernel. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1894–1900, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Pasti 11]

Rodrigo Pasti, Renato Dourado Maia, Fernando J. Von Zuben & Leandro Nunes de Castro. *Heuristics to Avoid Redundant Solutions on Population-Based Multimodal Continuous Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2314–2321, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Perez 11]

Leslie Perez & Maria-Cristina Riff. New Bounds for the Relaxed Traveling Tournament Problems using an Artificial Immune Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary

Computation, pages 872–878, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Peterson 11]

Gilbert Peterson, Christopher Mayer & Kevin Cousin. *WoLF Ant.* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 994–1001, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Piccolo 11]

Elio Piccolo & Giovanni Squillero. Adaptive Opponent Modelling for the Iterated Prisoner's Dilemma. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 835–840, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Pilat 11]

Martin Pilat & Roman Neruda. ASM-MOMA: Multiobjective Memetic Algorithm with Aggregate Surrogate Model. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1207–1213, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Pitangui 11]

Cristiano Pitangui & Gerson Zaverucha. *Inductive Logic Programming Through Estimation of Distribution Algorithm*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 54–61, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Poladian 11]

Leon Poladian. A Genotype-To-Phenotype Mapping For Microstructured Polymer Optical Fibres. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 378–385, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Polushina 11]

Tatiana Polushina & Georgy Sofronov. Change-Point Detection in Biological Sequences via Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1965–1970, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Pradipta 11]

Ghosh Pradipta, Zafar Hamim, Swagatam Das & Ajith Abraham. *Hierarchical Dynamic Neighborhood Based Particle Swarm Optimization for Global Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 744–751, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Prampero 11]

Paulo S. Prampero & Romis Attux. *Magnetic Particle Swarm Optimization with Estimation of Distribution*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1993–2000, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Preen 11]

Richard J. Preen & Larry Bull. Arithmetic Dynamical Genetic Programming in the XCSF Learning Classifier System. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1427–1434, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Qadir 11]

Omer Qadir, Jerry Liu, Gianluca Tempesti, Jon Timmis & Andy Tyrrell. *Hardware architecture for a Bidirectional Hetero-Associative Protein Processing Associative Memory*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 208–215, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Raich 11]

Anne Raich & Kyle Fritz. Benefits of Implicit Redundant Representation Genetic Algorithms for Conceptual Design and Damage Identification. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 6–13, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Reynolds 11a]

Alan Reynolds, Asaad Abdollahzadeh, David Corne, Mike Christie, Brian Davies & Glyn Williams. A Parallel BOA-PSO Hybrid Algorithm for History Matching. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 893–900, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Reynolds 11b]

Robert Reynolds & Dapeng Liu. *Multi-Objective Cultural Algorithms*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1238–1246, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Reynoso-Meza 11]

Gilberto Reynoso-Meza, Javier Sanchis, Xavier Blasco & Juan M. Herrero. Hybrid DE Algorithm With Adaptive Crossover Operator For Solving Real-World Numerical Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1550–1555, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rivero 11a]

Daniel Rivero, Enrique Fernandez-Blanco, Julian Dorado & Alejandro Pazos. A New Signal Classification Technique by Means of Genetic Algorithms and kNN. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 574–579, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rivero 11b]

Daniel Rivero, Enrique Fernandez-Blanco, Julian Dorado & Alejandro Pazos. Using Recurrent ANNs for the Detection of Epileptic Seizures in EEG Signals. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 580–585, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rocha 11]

Miguel Rocha, Tiago Sa, Pedro Sousa, Paulo Cortez & Miguel Rio. *Multiobjective Evolutionary Algorithms for Intradomain Routing Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2265–2272, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Roedland 11]

Tiril Anette Langfeldt Roedland. Classifying Glyphs by Combining Evolution and Learning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2068–2075, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rohlfshagen 11]

Philipp Rohlfshagen & Simon Lucas. *Ms Pac-Man versus Ghost Team CEC 2011 Competition*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 70–77, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rosberg 11]

Igor Rosberg, Elizabeth Goldbarg & Marco Goldbarg. Solving the Light Up with Ant Colony Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 566–573, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ross 11]

Brian Ross. Evolution of Stochastic Bio-Networks Using Summed Rank Strategies. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress

on Evolutionary Computation, pages 772–779, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rothman 11]

Daniel Rothman, Sean Luke & Keith Sullivan. *Do Multiple Trials Help Univariate Methods?* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2384–2391, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Rudolph 11]

Guenter Rudolph. On Geometrically Fast Convergence to Optimal Dominated Hypervolume of Set-based Multiobjective Evolutionary Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1718–1722, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Saha 11a]

Amit Saha & Tapabrata Ray. How does the good old Genetic Algorithm fare at Real World Optimization? In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1048–1055, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Saha 11b]

Amit Saha, Tapabrata Ray & Warren Smith. *Towards Practical Evolutionary Robust Multi-Objective Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2116–2123, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Sakurai 11]

Yoshitaka Sakurai, Kouhei Takada, Natsuki Tsukamoto, Takashi Onoyama, Rainer Knauf & Setsuo Tsuruta. *A Simple Optimization Method based on Backtrack and GA for Delivery Schedule*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2777–2784, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Salekdeh 11]

Amin Yazdani Salekdeh & Kay C. Wiese. *Improving Splice-Junctions Classification employing a Novel Encoding Schema and Decision-Tree*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1301–1306, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Salmani-Jelodar 11]

Mehdi Salmani-Jelodar, Sebastian Steiger, Abhijeet Paul & Gerhard Klimeck. Model Development for Lattice Properties of Gallium Arsenide using Parallel Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2422–2428, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Sanchez 11]

Ernesto Sanchez, Giovanni Squillero & Alberto Tonda. *Group Evolution: Emerging Synergy through a Coordinated Effort.* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2649–2655, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Sato 11]

Yuji Sato, Naohiro Hasegawa & Mikiko Sato. *GPU Acceleration for Sudoku Solution with Genetic Operations*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 296–303, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Schaul 11]

Tom Schaul, Yi Sun, Daan Wierstra, Faustino Gomez & Juergen Schmidhuber. Curiosity-Driven Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1342–1348, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Schroeder 11]

Adrian Schroeder, Clemens Wrzodek, Johannes Wollnik, Andreas Draeger, Dierk Wanke, Kenneth W. Berendzen & Andreas Zell. Inferring Transcriptional Regulators for Sets of Co-expressed Genes by Multi-objective Evolutionary Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2278–2285, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Scola 11]

Luis Scola, Oriane Neto, Ricardo Takahashi & Sergio Cerqueira. *Multi-objective Optimal Multiple Reservoir Operation*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1926–1932, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Segredo 11]

Eduardo Segredo, Carlos Segura & Coromoto Leon. A Multiobjectivised Memetic Algorithm for the Frequency Assignment Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1137–1144, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Seren 11]

Cedric Seren. A Hybrid Jumping Particle Swarm Optimization Method for High Dimensional Unconstrained Discrete Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1648–1655, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Seridi 11]

Khedidja Seridi, Laetitia Jourdan & El-Ghazali Talbi. *Multi-objective Evolutionary Algorithm for Biclustering in Microarrays Data*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2573–2579, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shaban-Nejad 11]

Arash Shaban-Nejad & Volker Haarslev. An Abstract Representation Model for Evolutionary Analysis of Multi-Agent Interactions. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2001–2008, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Sharma 11]

Deepak Sharma, Dipti Srinivasan & Anupam Trivedi. Multi-Agent Approach for Profit Based Unit Commitment. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2507–2513, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shelokar 11]

Prakash Shelokar, Quirin Arnaud & Cordon Oscar. Subgraph Mining in Graph-based Data using Multiobjective Evolutionary Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1729–1736, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shi 11a]

Edwin Chao Shi, Frank H.F. Leung & Johnny C.Y. Lai. An Adaptive Differential Evolution with Unsymmetrical Mutation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1878–1885, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shi 11b]

Qiao Shi & Andy Song. Selective Motion Detection by Genetic Programming. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 496–503, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shindo 11]

Takuya Shindo, Takuya Kurihara, Hiroyuki Taguchi & Kenya Jin'no. *Particle swarm optimization for sigle phase PWM inverters*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2481–2485, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shirasaki 11]

Yudai Shirasaki, Sho Shimomura, Masaki Sugimoto, Yoko Uwate & Yoshifumi Nishio. Effectiveness of Guidepost Pheromone for Honeybee Colony Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1792–1797, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Shirazi 11]

Abbas Sarraf Shirazi, Sebastian von Mammen & Christian Jacob. *Hierarchical Self-Organized Learning in Agent-Based Modeling of the MAPK Signaling Pathway*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2238–2244, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Silva 11]

Danielle Silva, Luciano Pacifico & Teresa Ludermir. An Evolutionary Extreme Learning Machine Based on Group Search Optimization. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 760–766, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Singh 11]

Hemant Kumar Singh & Tapabrata Ray. Performance of a Hybrid EA-DE-Memetic Algorithm on CEC 2011 Real World Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1321–1325, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Sonstrod 11]

Cecilia Sonstrod, Ulf Johansson & Rikard Konig. *Evolving Accurate and Comprehensible Classification Rules*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1435–1442, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Spangenberg 11]

Jon Spangenberg, Cem Celal Tutum, Jesper Henri Hattel, Nicolas Roussel & Mette Rica Geiker. Optimization of Casting Process Parameters for Homogeneous Aggregate Distribution in Self-Compacting Concrete: A Feasibility Study. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2156–2162, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Srinivasan 11]

Dipti Srinivasan & Trong Trung Ly. Co-evolutionary Bidding Strategies for Buyers in Electricity Power Markets. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2499–2506, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Steiner 11]

Till Steiner & Bernhard Sendhoff. Evolvability of Graph- and Vector Field Embryogeny Representations. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1271–1278, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Takahama 11]

Tetsuyuki Takahama & Setsuko Sakai. Efficient Nonlinear Optimization by Differential Evolution with a Rotation-Invariant Local Sampling Operation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2208–2215, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tantar 11]

Emilia Tantar, Alexandru-Adrian Tantar & Bouvry Pascal. On dynamic multi-objective optimization, classification and performance measures. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2746–2753, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tasgetiren 11]

M. Fatih Tasgetiren, Onder Bulut & M. Murat Fadiloglu. A Discrete Artificial Bee Colony Algorithm For the Economic Lot Scheduling Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 347–353, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Thillainathan 11]

Logenthiran Thillainathan & Dipti Srinivasan. *LRGA for Solving Profit based Generation Scheduling Problem in Competitive Environment*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1153–1159, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tizzo 11]

Neil Paiva Tizzo, Juan Manuel Adan Coello & Eleri Cardozo. Automatic Composition of Semantic Web Services Using A-Teams with Genetic Agents. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 370–377, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tjiong 11]

Anthony Tjiong & Sildomar Monteiro. Feature Selection with PSO and Kernel Methods for Hyperspectral Classification. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1761–1768, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Toledo 11]

Claudio Toledo, Renato Oliveira & Paulo Franca. *A Hybrid Heuristic Approach to Solve the Multi Level Capacitated Lot Sizing Problem.* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1199–1206, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tomforde 11]

Sven Tomforde, Andreas Brameshuber, Joerg Haehner & Christian Mueller-Schloer. Restricted On-line Learning in Real-world Systems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1627–1634, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Trivedi 11]

Anupam Trivedi, Naran M.Pindoriya, Dipti Srinivasan & Deepak Sharma. Improved Multi-objective Evolutionary Algorithm for Day-Ahead Thermal Generation Scheduling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2163–2170, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tsang 11]

Herbert H. Tsang & Christian Jacob. RNADPCompare: An Algorithm for Comparing RNA Secondary Structures Based on Image Processing Techniques. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1287–1294, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tsujimoto 11]

Takahiro Tsujimoto, Takuya Shindo & Kenya Jin'no. The Neighborhood of Canonical Deterministic PSO. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1810–1816, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tsutsui 11]

Shigeyoshi Tsutsui & Noriyuki Fujimoto. Fast QAP Solving by ACO with 2-opt Local Search on a GPU. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 811–818, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Tutum 11]

Cem Celal Tutum & Zhun Fan. Multi-Criteria Layout Synthesis of MEMS Devices Using Memetic Computing. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 901–907, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[U 11]

ManChon U, Chiahsun Ho, Shelby Funk & Khaled Rasheed. *GART: A Genetic Algorithm based Real Time System Scheduler*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 885–892, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Uchitane 11]

Takeshi Uchitane & Toshiharu Hatanaka. Applying Evolution Strategies to Biped Locomotion Learning in RoboCup 3D Soccer Simulation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 179–185, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Uemura 11]

Kento Uemura, Shun ichi Kinoshita, Yuichi Nagata, Shigenobu Kobayashi & Isao Ono. A New Framework taking account of Multi-funnel Functions for Real-coded Genetic Algorithms. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2084–2091, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Valdes 11]

Julio J. Valdes, Catherine Cheung & Weichao Wang. Evolutionary Computation Methods for Helicopter Loads Estimation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1588–1595, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Vansant 11]

Gordon Vansant, Pat Pezzoli, Joseph Monforte & Gary Fogel. High-Throughput Toxicological Classification of Candidate Drug Compounds Using Gene Expression, Evolved Neural Networks, and a Cell-based Platform. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 788–794, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Vasicek 11]

Zdenek Vasicek & Michal Bidlo. Evolutionary Design of Robust Noise-Specific Image Filters. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 269–276, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Vazquez 11a]

Eduardo Vazquez, Carlos A. Coello Coello & Feliu Sagols. *An Evolutionary Algorithm for Tuning a Chess Evaluation Function*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 841–847, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Vazquez 11b]

Roberto A Vazquez. Training Spiking Neural Models using Cuckoo Search Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 665–672, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Veroneze 11]

Rosana Veroneze, Fabricio de Franca & Fernando J. Von Zuben. Assessing the Performance of a Swarm-based Biclustering Technique for Data Imputation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 386–393, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wahib 11]

Mohamed Wahib, Asim Munawar, Masaharu Munetomo & Kiyoshi Akama. *Optimization of Parallel Genetic Algorithms for nVidia GPUs.* In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 802–810, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Walsh 11]

Paul Walsh & Prasad Gade. The Use of an Aesthetic Measure for the Evolution of Fractal Landscapes. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1612–1618, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11a]

Hui Wang, Shahryar Rahnamayan & Zhijian Wu. Adaptive Differential Evolution with Variable Population Size for Solving High-Dimensional Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2619–2625, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11b]

Lutao Wang, Shingo Mabu & Kotaro Hirasawa. Genetic Network Programming with Updating Rule Accumulation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2252–2259, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11c]

Pu Wang, Ke Tang, Edward Tsang & Xin Yao. A Memetic Genetic Programming with Decision Tree-based Local Search for Classification Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 916–923, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11d]

Yu Wang, Li Bin, He Zhen & Zhang Kaibo. Enhancing Differential Evolution with Effective Evolutionary Local Search in Memetic Framework. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2445–2452, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11e]

Yu Wang, Bin Li & Kaibo Zhang. Estimation of Distribution and Differential Evolution Cooperation for Real-world Numerical Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1314–1320, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wang 11f]

Zhu Wang, Rui Yang, Lingfeng Wang, Robert Green, II & Anastasios Dounis. A Fuzzy Adaptive Comfort Temperature Model with Grey Predictor for Multi-agent Control System of Smart Building. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 715–722, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[wei Gong 11]

Dun wei Gong, Cheng liang Qi, Yong Zhang & Ming Li. *Modified Particle Swarm Optimization for Odor Source Localization of Multi-robot*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 130–136, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wei 11]

Jingxuan Wei & Mengjie Zhang. A Memetic Particle Swarm Optimization for Constrained Multi-objective Optimization Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1635–1642, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wen 11]

Yun Wen & Hua Xu. A Cooperative Coevolution-Based Pittsburgh Learning Classifier System Embedded with Memetic Feature Selection. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2408–2415, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wilcox 11]

David Wilcox, Andrew McNabb & Kevin Seppi. Solving Virtual Machine Packing with a Reordering Grouping Genetic Algorithm. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 362–369, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wong 11]

Man Wong, Xiangjian He & Wei chang Yeh. *Image Clustering Using Particle Swarm Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 262–268, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Wu 11]

Yanghui Wu, John McCall & David Corne. Fitness Landscape Analysis of Bayesian Network Structure Learning. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 980–987, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Xing 11]

Yafei Xing, Shingo Mabu & Kotaro Hirasawa. Pruning Generalized Rules for Stock Markets Accumulated by Genetic Network Programming with Rule Accumulation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2461–2467, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Xiong 11]

Jian Xiong, Jing Liu, Yingwu Chen & Hussein Abbass. An Evolutionary Multi-objective Scenario-Based Approach for Stochastic Resource Investment Project Scheduling. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2754–2761, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Yagoubi 11]

Mouadh Yagoubi, Ludovic Thobois & Marc Schoenauer. Asynchronous Evolutionary Multi-Objective Algorithms with Heterogenous Evaluation Costs. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 21–28, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Yapicioglu 11]

Haluk Yapicioglu & Alice E. Smith. Disservice Representation Using the Gini Coefficient in Semi-desirable Facility Location Problems. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 110–114, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Ye 11]

Zhengmao Ye & Habib Mohamadian. Strengthen Accuracy of Feature Recognition via Integration of Ant Colony Detection and Adaptive Contour Tracking. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1798–1803, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Yen 11]

Le Thanh Xuan Yen, Deepak Sharma, Dipti Srinivasan & Pnidoriya Naran Manji. A Modified Hybrid Particle Swarm Optimization Approach for Unit Commitment. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1737–1744, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Yoon 11]

Jong-Won Yoon & Sung-Bae Cho. An Efficient Genetic Algorithm with Fuzzy c-Means Clustering for Traveling Salesman Problem. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1451–1455, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Yu 11]

James J.Q. Yu, Albert Y.S. Lam & Victor O.K. Li. *Evolutionary Artificial Neural Network Based on Chemical Reaction Optimization*. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2076–2083, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zamorano 11]

Antonio Gomez Zamorano, Jon Timmis & Andy Tyrrell. A Flexible Decentralised Communication Architecture on a Field Programmable Gate Array for Swarm System Simulations. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 230–237, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zeng 11]

Fanchao Zeng, Decraene James, Malcolm Yoke Hean Low, Wentong Cai & Philip Hingston. Studies of Pareto-based Multi-objective Competitive Coevolutionary Dynamics. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2376–2383, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhan 11]

Zhihui Zhan & Jun Zhang. Orthogonal Learning Particle Swarm Optimization for Power Electronic Circuit Optimization with Free Search Range. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2543–2550, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhang 11a]

Deng Zhang, Shingo Mabu, Feng Wen & Kotaro Hirasawa. A Sequential Subspace Face Recognition Framework using Genetic-based Clustering. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 394–400, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhang 11b]

Hong Zhang. An Analysis of Multiple Particle Swarm Optimizers with Inertia Weight with Diversive Curiosity. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1753–1760, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhang 11c]

Hong Zhang. Assessment of An Evolutionary Particle Swarm Optimizer with Inertia Weight. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1745–1752, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhang 11d]

Jingyu Zhang, Shiping Chen, David Levy & Yongzhong Lu. Feedback Loop Mechanisms based Particle Swarm Optimization with Neighborhood Topology. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1863–1870, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhong 11]

Weicai Zhong, Yang Zhang & Jing Liu. Evolutionary Dynamics of Continuous Strategy Games on Social Networks under Weak Selection: A Preliminary Study. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 2494–2498, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.

[Zhou 11]

Luhan Zhou, Aimin Zhou, Guixu Zhang & Chuan Shi. An Estimation of Distribution Algorithm based on Nonparametric Density Estimation. In Alice E. Smith, editeur, Proceedings of the 2011 IEEE Congress on Evolutionary Computation, pages 1596–1603, New Orleans, USA, 5-8 June 2011. IEEE Computational Intelligence Society, IEEE Press.