Список литературы

- [Abdulhamid et al., 2012] Abdulhamid, F., Song, A., Neshatian, K., & Zhang, M. (2012). Evolving genetic programming classifiers with loop structures. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2710–2717
- [Abello et al., 2012] Abello, M., Michalewicz, Z., & Bui, L. T. (2012). A reactive-proactive approach for solving dynamic scheduling with time-varying number of tasks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2121–2130
- [Adewumi et al., 2012] Adewumi, A., Budlender, N., & Olusanya, M. (2012). Optimizing the assignment of blood in a blood banking system: Some initial results. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 751–756
- [Ahmed & Shaheen, 2012] Ahmed, K. & Shaheen, F. (2012). PSO as a meta-search for hyper-GA system to evolve optimal agendas for sequential multi-issue negotiation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3108–3115
- [Akay & Kirmizi, 2012] Akay, B. & Kirmizi, I. (2012). Structural optimization of wavelet packets using swarm algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2931–2935
- [Al-Sahaf et al., 2012] Al-Sahaf, H., Song, A., Neshatian, K., & Zhang, M. (2012). Extracting image features for classification by two-tier genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1630–1637
- [Alam et al., 2012a] Alam, S., Gillian, D., Riddle, P., & Koh, Y. S. (2012a). Hierarchical PSO clustering based recommender system. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 879–886
- [Alam et al., 2012b] Alam, S., Lokan, C., & Abbass, H. (2012b). What can make an airspace unsafe? characterizing collision risk using multi-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 214–221
- [Albaity et al., 2012] Albaity, H., Meshoul, S., & Kaban, A. (2012). On extending quantum behaved particle swarm optimization to multiobjective context. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1967–1974
- [Albukhanajer et al., 2012] Albukhanajer, W., Jin, Y., Briffa, J., & Williams, G. (2012). Evolutionary multi-objective optimization of trace transform for invariant feature extraction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1458–1465
- [Aleti et al., 2012] Aleti, A., Moser, I., & Mostaghim, S. (2012). Adaptive range parameter control. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2405–2412
- [Alghamdi et al., 2012] Alghamdi, H., Tang, L., & Alshomrani, S. (2012). Hybrid ACO and TOFA feature selection approach for text classification. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3184–3189
- [Ali et al., 2012] Ali, M., Salhieh, A., & Reynolds, R. (2012). Socio-cultural evolution via neighborhood restructuring in intricate multi-layered networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3387–3394
- [Almakhlafi & Knowles, 2012] Almakhlafi, A. & Knowles, J. (2012). Benchmarks for maintenance scheduling problems in power generation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3464–3471
- [Alsheddy & Kampouridis, 2012] Alsheddy, A. & Kampouridis, M. (2012). Off-line parameter tuning for guided local search using genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 112–116
- [Alvares et al., 2012] Alvares, M., Buarque, F., & Marwala, T. (2012). Optimizing risk management using NSGA-II. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 477–484

- [Amaral & Hruschka, 2012] Amaral, L. & Hruschka, E. (2012). Never-ending learning principles in gene ontology classification using genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 676–683
- [Anh et al., 2012] Anh, H. T., Luis, M. P., & Francisco, C. S. (2012). Intention recognition, commitment and the evolution of cooperation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2025–2032
- [Arias-Montano et al., 2012] Arias-Montano, A., Coello Coello, C. A., & Mezura-Montes, E. (2012). Multi-objective airfoil shape optimization using a multiple-surrogate approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2178–2185
- [Asafuddoula et al., 2012] Asafuddoula, M., Ray, T., Sarker, R., & Alam, K. (2012). An adaptive constraint handling approach embedded MOEA/D. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2651–2658
- [Ashlock & Ashlock, 2012] Ashlock, D. & Ashlock, W. (2012). Impact of regulatory genes on optimization behavior. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3403–3410
- [Ashlock & McNicholas, 2012] Ashlock, D. & McNicholas, S. (2012). Single parent generalization of cellular automata rules. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 263–270
- [Atyabi et al., 2012a] Atyabi, A., Luerssen, M., Fitzgibbon, S. P., & Powers, D. M. W. (2012a). Adapting subject-independent task-specific EEG feature masks using PSO. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2155–2161
- [Atyabi et al., 2012b] Atyabi, A., Luerssen, M., Fitzgibbon, S. P., & Powers, D. M. W. (2012b). Dimension reduction in EEG data using particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2147–2154
- [Atyabi et al., 2012c] Atyabi, A., Luerssen, M., Fitzgibbon, S. P., & Powers, D. M. W. (2012c). Evolutionary feature selection and electrode reduction for EEG classification. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 161–168
- [Au & Leung, 2012] Au, C.-K. & Leung, H.-F. (2012). Eigenspace sampling in the mirrored variant of (1,lambda)-CMA-ES. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 871–878
- [Avasarala & Bonissone, 2012] Avasarala, V. & Bonissone, P. (2012). iPresage: An innovative patent landscaping tool. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 372–378
- [Balazs & Koczy, 2012] Balazs, K. & Koczy, L. T. (2012). Hybrid bacterial iterated greedy heuristics for the permutation flow shop problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1497–1504
- [Balcar et al., 2012] Balcar, S., Pilat, M., & Neruda, R. (2012). An evolutionary algorithm for 2D semi-guillotinable circular saw cutting. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1908–1912
- [Bansal et al., 2012] Bansal, R., Srivastava, K., & Srivastava, S. (2012). A hybrid evolutionary algorithm for the cutwidth minimization problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2263–2270
- [Barmada et al., 2012] Barmada, S., Raugi, M., & Tucci, M. (2012). Global optimization algorithm based on self-organizing centroids. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1851–1856
- [Bashir & Neville, 2012a] Bashir, H. & Neville, R. (2012a). Convergence measurement in evolutionary computation using Price's theorem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2559–2566

- [Bashir & Neville, 2012b] Bashir, H. & Neville, R. (2012b). A hybrid evolutionary computation algorithm for global optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2829–2836
- [Baydin & de Mantaras, 2012] Baydin, A. G. & de Mantaras, R. L. (2012). Evolution of ideas: A novel memetic algorithm based on semantic networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2774–2781
- [Beer et al., 2012] Beer, C., Hendtlass, T., & Montgomery, J. (2012). Improving exploration in ant colony optimisation with antennation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2944–2951
- [Benedicic et al., 2012] Benedicic, L., Stular, M., & Korosec, P. (2012). Balancing downlink and uplink soft-handover areas in UMTS networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1002–1009
- [Bhowmik et al., 2012] Bhowmik, P., Rakshit, P., Konar, A., Kim, E., & Nagar, A. K. (2012). DE-TDQL: An adaptive memetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2444–2451
- [Bidlo & Vasicek, 2012] Bidlo, M. & Vasicek, Z. (2012). Evolution of cellular automata using instruction-based approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2057–2064
- [Bodas-Sagi et al., 2012] Bodas-Sagi, D., Soltero, F. J., Hidalgo, J. I., Fernandez-Blanco, P., & de Vega, F. F. (2012). A technique for the optimization of the parameters of technical indicators with multi-objective evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2493–2500
- [Bonyadi & Michalewicz, 2012] Bonyadi, M. R. & Michalewicz, Z. (2012). A fast particle swarm optimization algorithm for the multidimensional knapsack problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1402–1409
- [Borges et al., 2012] Borges, E., Ferrari, D. G., & de Castro, L. N. (2012). Silhouette-based clustering using an immune network. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1768–1776
- [Brabazon et al., 2012] Brabazon, A., Silva, A., & O'Neill, M. (2012). Optimal patent design: An agent-based approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1102–1109
- [Brest et al., 2012] Brest, J., Boskovic, B., Zamuda, A., Fister, I., & Maucec, M. S. (2012). Self-adaptive differential evolution algorithm with a small and varying population size. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2868–2875
- [Britto & Pozo, 2012] Britto, A. & Pozo, A. (2012). Using archiving methods to control convergence and diversity for many-objective problems in particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1646–1653
- [Britto et al., 2012] Britto, R., Neto, P. S., Rabelo, R., Ayala, W., & Soares, T. (2012). A hybrid approach to solve the agile team allocation problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3599–3606
- [Bruck et al., 2012] Bruck, B., Santos, A., & Arroyo, J. (2012). Hybrid metaheuristic for the single vehicle routing problem with deliveries and selective pickups. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1913–1920
- [Bui et al., 2012] Bui, V., Bender, A., & Abbass, H. (2012). An expressive GL-2 grammar for representing story-like scenarios. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2782–2789

- [Buijs et al., 2012] Buijs, J., van Dongen, B., & van der Aals, W. (2012). A genetic algorithm for discovering process trees. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1929–1936
- [Bukhtoyarov & Semenkin, 2012] Bukhtoyarov, V. & Semenkin, E. (2012). Neural networks ensemble approach for detecting attacks in computer networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3078–3083
- [Caamano et al., 2012] Caamano, P., Bellas, F., Becerra, J. A., Diaz, V., & Duro, R. J. (2012). Experimental analysis of the relevance of fitness landscape topographical characterization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3371–3378
- [Cai et al., 2012] Cai, X., Hu, Z., Das, S., & Welch, S. (2012). A hierarchical pareto dominance based multi-objective approach for the optimization of gene regulatory network models. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1737–1742
- [Campomanes-Alvarez et al., 2012] Campomanes-Alvarez, B. R., Damas, S., & Cordon, O. (2012). Mesh simplification for 3D modeling using evolutionary multi-objective optimization. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1364–1371
- [Cancino et al., 2012] Cancino, W., Boukhelifa, N., & Lutton, E. (2012). EvoGraphDice: Interactive evolution for visual analytics. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2286–2293
- [Cao et al., 2012] Cao, H., Recknagel, F., & Orr, P. T. (2012). The experimental study of population-based parameter optimization algorithms on rule-based ecological modelling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3254–3261
- [Carraro & de Castro, 2012] Carraro, L. A. & de Castro, L. N. (2012). A clonal selection algorithm to minimize reshuffling in container stacking operations. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1777–1784
- [Castle & Johnson, 2012] Castle, T. & Johnson, C. (2012). Evolving program trees with limited scope variable declarations. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2250–2257
- [Cepeda et al., 2012] Cepeda, J., Rueda, J., & Erlich, I. (2012). Identification of dynamic equivalents based on heuristic optimization for smart grid applications. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1168–1175
- [Cervante et al., 2012] Cervante, L., Xue, B., Zhang, M., & Shang, L. (2012). Binary particle swarm optimisation for feature selection: A filter based approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1877–1884
- [Chaari et al., 2012] Chaari, I., Koubaa, A., Bennaceur, H., Trigui, S., & Al-Shalfan, K. (2012). smartPATH: A hybrid ACO-GA algorithm for robot path planning. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 206–213
- [Chakraborty et al., 2012] Chakraborty, U., Das, S., & Abbott, T. (2012). Energy-efficient routing in hierarchical wireless sensor networks using differential-evolution-based memetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3427–3434
- [Chan et al., 2012] Chan, K. Y., Ling, S. H., Nguyen, H., & Jiang, F. (2012). A hypoglycemic episode diagnosis system based on neural networks for type 1 diabetes mellitus. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 942–947
- [Chang et al., 2012] Chang, K. T., Chin, K. O., Teo, J., & Mountstephens, J. (2012). Game AI generation using evolutionary multi-objective optimization. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 948–955
- [Chen et al., 2012a] Chen, A. H.-L., Liang, Y.-C., & Liu, C.-C. (2012a). An artificial bee colony algorithm for the cardinality-constrained portfolio optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2936–2943

- [Chen et al., 2012b] Chen, J.-L., Tsai, C.-W., & Yang, C.-S. (2012b). An improved LGA for protein-ligand docking prediction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 302–307
- [Chen & Wang, 2012] Chen, M.-L. & Wang, F.-S. (2012). Fuzzy optimization for a batch simultaneous saccharification and co-fermentation process by hybrid differental evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2890–2897
- [Chen, 2012] Chen, S. (2012). Particle swarm optimization with phest crossover. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 540–545
- [Chen et al., 2012c] Chen, S., Xudiera, C., & Montgomery, J. (2012c). Simulated annealing with thresheld convergence. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2537–2543
- [Chen & Gostoli, 2012] Chen, S.-H. & Gostoli, U. (2012). Coordination in the El Farol bar problem: The role of social preferences and social networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1152–1159
- [Cheng et al., 2012a] Cheng, R., Yao, M., Xue, X., & Shen, B. (2012a). Bisexual evolution: A novel bisexual evolutionary framework based on the fisher's runaway process. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1952–1959
- [Cheng et al., 2012b] Cheng, S., Shi, Y., & Qin, Q. (2012b). Dynamical exploitation space reduction in particle swarm optimization for solving large scale problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3023–3030
- [Cheng et al., 2012c] Cheng, S., Shi, Y., & Qin, Q. (2012c). Particle swarm optimization based semisupervised learning on chinese text categorization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3176–3183
- [Cheng et al., 2012d] Cheng, S., Shi, Y., & Qin, Q. (2012d). Population diversity based study on search information propagation in particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 562–569
- [Cheung et al., 2012] Cheung, C., Valdes, J. J., & Li, M. (2012). Use of evolutionary computation techniques for exploration and prediction of helicopter loads. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1130–1137
- [Chikumbo et al., 2012] Chikumbo, O., Goodman, E., & Deb, K. (2012). Approximating a multidimensional Pareto front for a land use management problem: A modified MOEA with an epigenetic silencing metaphor. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1529– 1537
- [Chiong & Kirley, 2012] Chiong, R. & Kirley, M. (2012). The evolution of cooperation via stigmergic interactions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2017–2024
- [Chira et al., 2012] Chira, C., Gog, A., & Iclanzan, D. (2012). Evolutionary detection of community structures in complex networks: a new fitness function. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2365–2372
- [Ch'ng & Teo, 2012] Ch'ng, S. H. & Teo, J. (2012). Online evolution of offensive strategies in real-time strategy gaming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 100–107
- [Chow & Yuen, 2012] Chow, C. K. & Yuen, S. Y. (2012). Continuous non-revisiting genetic algorithm with overlapped search sub-region. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2975–2982
- [Chowdhury et al., 2012] Chowdhury, A., Chetty, M., & Vinh, N. (2012). Adaptive regulatory genes cardinality for reconstructing genetic networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1285–1292

- [Ciesielski et al., 2012] Ciesielski, V., Lam, B., & Nguyen, M. L. (2012). Comparison of evolutionary and conventional feature extraction methods for malt classification. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1349–1355
- [Coelho et al., 2012] Coelho, D. G., Wanner, E. F., Souza, S. R., Carrano, E. G., & Purshouse, R. C. (2012). A multiobjective evolutionary algorithm for the 2D guillotine strip packing problem. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2009–2016
- [Conesa-Munoz et al., 2012] Conesa-Munoz, J., Ribeiro, A., Andujar, D., Fernandez-Quintanilla, C., & Dorado, J. (2012). Multi-path planning based on a NSGA-II for a fleet of robots to work on agricultural tasks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 648–655
- [Conti et al., 2012] Conti, C. R., Roisenberg, M., & Neto, G. S. (2012). Acor-v an algorithm that incorporates the visibility heuristic to the ACO in continuous domain. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2952–2959
- [Couckuyt et al., 2012] Couckuyt, I., Deschrijver, D., & Dhaene, T. (2012). Towards efficient multiobjective optimization: Multiobjective statistical criterions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2485–2492
- [Cussat-Blanc et al., 2012] Cussat-Blanc, S., Sanchez, S., & Duthen, Y. (2012). Simultaneous cooperative and conflicting behaviors handled by a gene regulatory network. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1037–1044
- [Dahlstedt, 2012] Dahlstedt, P. (2012). Turn-based evolution as a proposed implementation of artistic creative process. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2637–2643
- [Daniels et al., 2012] Daniels, B., Corns, S., & Cudney, E. (2012). A comparison of representations for the prediction of ground-level ozone concentration. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2694–2701
- [Dao et al., 2012] Dao, N. P., Quang Uy Nguyen, Xuan Hoai Nguyen, & McKay, R. I. B. (2012). Evolving approximations for the Gaussian Q-function by genetic programming with semantic based crossover. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2515–2520
- [Datta et al., 2012] Datta, R., Bittermann, M. S., Deb, K., & Ciftcioglu, O. (2012). Probabilistic constraint handling in the framework of joint evolutionary-classical optimization with engineering applications. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 757–764
- [Datta & Deb, 2012] Datta, R. & Deb, K. (2012). An adaptive normalization based constrained handling methodology with hybrid bi-objective and penalty function approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3137–3144
- [de Armas et al., 2012] de Armas, J., Gonzalez, Y., Miranda, G., & Leon, C. (2012). Parallelization of the multi-objective container loading problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 37–44
- [De Weerdt et al., 2012] De Weerdt, J., vanden Broucke, S., Vanthienen, J., & Baesens, B. (2012). Leveraging process discovery with trace clustering and text mining for intelligent analysis of incident management processes. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1921–1928
- [Deb & Jain, 2012] Deb, K. & Jain, H. (2012). Handling many-objective problems using an improved NSGA-II procedure. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 342–349
- [Deep et al., 2012a] Deep, K., Chauhan, P., & Pant, M. (2012a). Multi task selection including part mix, tool allocation and process plans in CNC machining centers using new binary PSO. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1823–1830
- [Deep et al., 2012b] Deep, K., Chauhan, P., & Pant, M. (2012b). Totally disturbed chaotic particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1577–1584

- [Dias & Pacheco, 2012] Dias, D. & Pacheco, M. A. (2012). Describing quantum-inspired linear genetic programming from symbolic regression problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 907–914
- [Dick, 2012] Dick, G. (2012). Niche allocation in spatially-structured evolutionary algorithms with gradients. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2210–2217
- [Dorronsoro & Bouvry, 2012] Dorronsoro, B. & Bouvry, P. (2012). Study of different small-world topology generation mechanisms for genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2226–2233
- [Dower, 2012] Dower, S. (2012). Automatic implementation of evolutionary algorithms on GPUs using ESDL. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3411–3418
- [Dridi et al., 2012] Dridi, O., Krichen, S., & Guitouni, A. (2012). A multi-objective optimization approach for resource assignment and task scheduling problem: Application to maritime domain awareness. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 469–476
- [Duhain & Engelbrecht, 2012] Duhain, J. & Engelbrecht, A. (2012). Towards a more complete classification system for dynamically changing environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2742–2749
- [Duma et al., 2012] Duma, M., Twala, B., Marwala, T., & Nelwamondo, F. (2012). Classification with missing data using multi-layered artificial immune systems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1687–1694
- [El-Abd, 2012] El-Abd, M. (2012). Generalized opposition-based artificial bee colony algorithm. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3052–3055
- [El-Abd & Kamel, 2012] El-Abd, M. & Kamel, M. (2012). Particle swarm optimization with adaptive bounds. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 169–174
- [El-Bouri, 2012] El-Bouri, A. (2012). An investigation of initial solutions on the performance of an iterated local search algorithm for the permutation flowshop. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2258–2262
- [Elsayed et al., 2012a] Elsayed, S., Sarker, R., & Essam, D. (2012a). Memetic multi-topology particle swarm optimizer for constrained optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1379–1386
- [Elsayed et al., 2012b] Elsayed, S., Sarker, R., & Ray, T. (2012b). Parameters adaptation in differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1138–1145
- [Engelbrecht, 2012] Engelbrecht, A. (2012). Particle swarm optimization: Velocity initialization.

 Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1410–1417
- [Epitropakis et al., 2012a] Epitropakis, M., Plagianakos, V., & Vrahatis, M. (2012a). Multimodal optimization using niching differential evolution with index-based neighborhoods. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2065–2072
- [Epitropakis et al., 2012b] Epitropakis, M., Tasoulis, D., Pavlidis, N., Plagianakos, V., & Vrahatis, M. (2012b). Tracking particle swarm optimizers: An adaptive approach through multinomial distribution tracking with exponential forgetting. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1712–1719
- [Ernst & Singh, 2012] Ernst, A. & Singh, G. (2012). Lagrangian particle swarm optimization for a resource constrained machine scheduling problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1585–1592
- [Esteves et al., 2012] Esteves, V. M., Sousa, J. M., Silva, C. A., Povoa, A. P. B., & Gomes, M. I. (2012). Scant-design: Closed loop supply chain design using ant colony optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3056–3063

- [Faccioli et al., 2012] Faccioli, R., Nunes da Silva, I., Bortot, L., & Delbem, A. (2012). A monoobjective evolutionary algorithm with GROMACS for protein structure prediction in structural and energetic contexts. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 900–906
- [Fajfar, 2012] Fajfar, I. (2012). Selection strategies and random perturbations in differential evolution. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1836–1842
- [Falcon & Abielmona, 2012] Falcon, R. & Abielmona, R. (2012). A response-aware risk management framework for search-and-rescue operations. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1333–1340
- [Fang et al., 2012a] Fang, W., Sun, J., Wu, X., Xu, W., & Vasile, P. (2012a). Study on the compression-expansion coefficient in drift particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 857–862
- [Fang et al., 2012b] Fang, X., Koceja, N., Zhan, J., Dozier, G., & Dipankar, D. (2012b). An artificial immune system for phishing detection. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 392–398
- [Feng et al., 2012] Feng, L., Ong, Y. S., Tsang, I., & Tan, A. H. (2012). An evolutionary search paradigm that learns with past experiences. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2813–2820
- [Feng & Song, 2012] Feng, X. & Song, A. (2012). Evolving frame splitters by genetic programming.

 Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1466–1472
- [Ficici et al., 2012] Ficici, S. G., Liu, E., & Fogel, G. B. (2012). Evolutionary algorithms for supertree search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1293–1300
- [Filipic & Lorencin, 2012] Filipic, B. & Lorencin, I. (2012). Evolutionary multiobjective design of an alternative energy supply system. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 257–262
- [Fister et al., 2012] Fister, I., Fister, Jr., I., Brest, J., & Zumer, V. (2012). Memetic artificial bee colony algorithm for large-scale global optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3015–3022
- [Fonseca et al., 2012] Fonseca, L., Barbosa, H., & Lemonge, A. (2012). A study on fitness inheritance for enhanced efficiency in real-coded genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 71–78
- [Forghany et al., 2012] Forghany, Z., Davarynejad, M., & Snaar-Jagalska, E. (2012). Gene regulatory network model identification using artificial bee colony and swarm intelligence. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1272–1277
- [Fu et al., 2012a] Fu, H., Sendhoff, B., Tang, K., & Yao, X. (2012a). Characterizing environmental changes in robust optimization over time. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1593–1600
- [Fu et al., 2012b] Fu, W., Johnston, M., & Zhang, M. (2012b). Genetic programming for edge detection via balancing individual training images. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2702–2709
- [Fu et al., 2012c] Fu, W., Johnston, M., & Zhang, M. (2012c). Soft edge maps from edge detectors evolved by genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1356–1363
- [Gagne & Zinflou, 2012] Gagne, C. & Zinflou, A. (2012). An hybrid algorithm for the industrial car sequecing problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 279–286
- [Gagne & Congdon, 2012] Gagne, D. J. & Congdon, C. B. (2012). Preliminary results for GAMMI: Genetic algorithms for motif-module inference. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1309–1316

- [Gao et al., 2012] Gao, K., Suganthan, P. N., & Bao, Z. (2012). A composite heuristic for the nowait flow shop scheduling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1125–1129
- [Ghosh et al., 2012a] Ghosh, A., Chowdhury, A., Sinha, S., Vasilakos, A. V., & Das, S. (2012a). A genetic lbest PSO with dynamically varying subswarm topology. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 669–675
- [Ghosh et al., 2012b] Ghosh, A., Ghosh, A., Chowdhury, A., Konar, A., Kim, E., & Nagar, A. K. (2012b). Linear phase low pass FIR filter design using genetic particle swarm optimization with dynamically varying neighborhood technique. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1570–1576
- [Goh et al., 2012] Goh, J., Tang, L., Peto, T., & Saleh, G. (2012). An evolutionary approach for determining hidden markov model for medical image analysis. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3511–3518
- [Gong et al., 2012a] Gong, D., Yang, L., Sun, X., & Li, M. (2012a). Applying knowledge of users with similar preference to construct surrogate models of IGAs. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3168–3175
- [Gong et al., 2012b] Gong, M., Cai, Q., Li, Y., & Ma, J. (2012b). An improved memetic algorithm for community detection in complex networks. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3347–3354
- [Gong & Shuai, 2012] Gong, T. & Shuai, L. (2012). A cross-model study on the effect of power-laws on language evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3286–3293
- [Greenwood & Ashlock, 2012] Greenwood, G. & Ashlock, D. (2012). Evolutionary games and the study of cooperation: Why has so little progress been made? *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1207–1214
- [Grobler et al., 2012] Grobler, J., Engelbrecht, A. P., Kendall, G., & Yadavalli, S. (2012). Investigating the use of local search for improving meta-hyper-heuristic performance. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3324–3331
- [Gruenewald et al., 2012] Gruenewald, A., Hardt, S., Mielke, M., & Brueck, R. (2012). A decentralized charge management for electric vehicles using a genetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3519–3525
- [guan Wang et al., 2012] guan Wang, W., biao Ling, Y., Zhang, J., & ping Wang, Y. (2012). Ant colony optimization algorithm for analog filter design. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3072–3077
- [Guderian et al., 2012a] Guderian, F., Schaffer, R., & Fettweis, G. (2012a). Administration- and communication-aware IP core mapping in scalable multiprocessor system-on-chips via evolutionary computing. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1434–1441
- [Guderian et al., 2012b] Guderian, F., Schaffer, R., & Fettweis, G. (2012b). Dimensioning the heterogeneous multicluster architecture via parallelism analysis and evolutionary computing. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1426–1433
- [Gunnersen et al., 2012] Gunnersen, S., Smith-Miles, K., & Lee, V. (2012). Towards objective data selection in bankruptcy prediction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 9–16
- [Guo et al., 2012] Guo, Y., neng Chen, W., & Zhang, J. (2012). Enhancing the performance of evolutionary algorithms—a novel maturity-based adaptation strategy. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 570–577

- [Hadka et al., 2012] Hadka, D., Reed, P., & Simpson, T. (2012). Diagnostic assessment of the Borg MOEA for many-objective product family design problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1975–1984
- [Hamza et al., 2012] Hamza, N., Sarker, R., & Essam, D. (2012). Differential evolution with a mix of constraint consenus methods for solving a real-world optimization problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1118–1124
- [Hanada et al., 2012] Hanada, Y., Hosokawa, N., Ono, K., & Muneyasu, M. (2012). Effectiveness of multi-step crossover fusions in genetic programming. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2389–2396
- [Hancer et al., 2012] Hancer, E., Ozturk, C., & Karaboga, D. (2012). Artificial bee colony based image clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2926–2930
- [Handa, 2012] Handa, H. (2012). Use of graph kernels in estimation of distribution algorithms. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3563–3568
- [Hanif & Smith, 2012] Hanif, A. & Smith, R. (2012). Generation path-switching in sequential Monte-Carlo methods. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1045–1051
- [Hardhienata et al., 2012] Hardhienata, M., Merrick, K., & Ugrinovskii, V. (2012). Task allocation in multi-agent systems using models of motivation and leadership. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1418–1425
- [Haynes et al., 2012] Haynes, D., Corns, S., & Venayagamoorthy, G. (2012). An exponential moving average algorithm: Evolutionary algorithms applied to sudoku puzzles. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3214–3221
- [He & Yen, 2012] He, Z. & Yen, G. (2012). A new fitness evaluation method based on fuzzy logic in multiobjective evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 439–446
- [Helbig & Engelbrecht, 2012] Helbig, M. & Engelbrecht, A. (2012). Analyses of guide update approaches for vector evaluated particle swarm optimisation on dynamic multi-objective optimisation problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2726–2733
- [Hendtlass, 2012] Hendtlass, T. (2012). Restarting particle swarm optimisation. *Proceedings of the* 2012 IEEE Congress on Evolutionary Computation, 1720–1728
- [Herbawi & Weber, 2012a] Herbawi, W. & Weber, M. (2012a). A genetic local search algorithm for multiobjective time-dependent route planning. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 137–143
- [Herbawi & Weber, 2012b] Herbawi, W. & Weber, M. (2012b). The ridematching problem with time windows in dynamic ridesharing: A model and a genetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3547–3554
- [Higgs et al., 2012] Higgs, T., Stantic, B., Hoque, T., & Sattar, A. (2012). Refining genetic algorithm twin removal for high-resolution protein structure prediction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 182–189
- [Hingston et al., 2012] Hingston, P., Masek, M., & Beard, D. (2012). Using Monte Carlo tree search for replanning in a multistage simultaneous game. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1231–1238
- [Hong et al., 2012] Hong, T.-P., Lin, F.-S., & Chen, C.-H. (2012). Using the group genetic algorithm for attribute clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 923–927

- [Hsiao et al., 2012a] Hsiao, P.-C., Chiang, T.-C., & Fu, L.-C. (2012a). Particle swarm optimization for the minimum energy broadcast problem in wireless ad-hoc networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3100–3107
- [Hsiao et al., 2012b] Hsiao, P.-C., Chiang, T.-C., & Fu, L.-C. (2012b). A VNS-based hyper-heuristic with adaptive computational budget of local search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3316–3323
- [Hsu & Chiang, 2012] Hsu, W.-H. & Chiang, T.-C. (2012). A multiobjective evolutionary algorithm with enhanced reproduction operators for the vehicle routing problem with time windows. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2750–2757
- [Huang et al., 2012a] Huang, D., Xu, J.-X., Deng, X., Venkataramanan, V., & Tuong, H. T. C. (2012a). GA based high-order peak filter design with application to compensation of contactinduced vibration in HDD servo systems. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3435–3442
- [Huang et al., 2012b] Huang, H. E., Ong, Y.-S., & Chen, X. (2012b). Autonomous flock brush for non-photorealistic rendering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2597–2604
- [Hui & Suganthan, 2012] Hui, S. & Suganthan, P. N. (2012). Ensemble differential evolution with dynamic subpopulations and adaptive clearing for solving dynamic optimization problems. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2629–2636
- [hui Zhan et al., 2012] hui Zhan, Z., Zhang, J., hui Shi, Y., & Hai-lin, L. (2012). A modified brain storm optimization. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2544–2551
- [Hunt et al., 2012] Hunt, R., Neshatian, K., & Zhang, M. (2012). Scalability analysis of genetic programming classifiers. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 509–516
- [Huo et al., 2012a] Huo, C.-L., Lien, Y.-S., Yu, Y.-H., & Sun, T.-Y. (2012a). Effectively multiswarm sharing management for differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2798–2805
- [Huo et al., 2012b] Huo, C.-L., Lin, S.-Y., Lai, T.-Y., Lien, Y.-S., & Sun, T.-Y. (2012b). Multi-objective differential evolution with taguchi-based adjustable proportional distribution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2194–2201
- [Hussein & Petering, 2012] Hussein, M. & Petering, M. (2012). Genetic algorithm-based simulation optimization of stacking algorithms for yard cranes to reduce fuel consumption at seaport container transshipment terminals. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1993–2000
- [Iclanzan & Chira, 2012] Iclanzan, D. & Chira, C. (2012). Modeling and replicating higher-order dependencies in genetic algorithms. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 863–870
- [Ishibuchi et al., 2012a] Ishibuchi, H., Hoshino, K., & Nojima, Y. (2012a). Evolution of strategies in a spatial IPD game with a number of different representation schemes. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1215–1222
- [Ishibuchi et al., 2012b] Ishibuchi, H., Hoshino, K., & Nojima, Y. (2012b). Strategy evolution in a spatial IPD game where each agent is not allowed to play against itself. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1191–1198
- [Izadinia & Ebadzadeh, 2012] Izadinia, H. & Ebadzadeh, M. M. (2012). Adaptive quantum-inspired evolution strategy. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1760–1767
- [Jaros, 2012] Jaros, J. (2012). Multi-GPU island-based genetic algorithm for solving the knapsack problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 236–243

- [Jati et al., 2012] Jati, A., Singh, G., Rakshit, P., Konar, A., Kim, E., & Nagar, A. K. (2012). A hybridisation of improved harmony search and bacterial foraging for multi-robot motion planning. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 431–438
- [Jevne et al., 2012] Jevne, H., Haddow, P., & Gaivoronski, A. (2012). Evolving constrained mean-VaR efficient frontiers. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1079–1086
- [Ji et al., 2012] Ji, Z., Tian, T., Zhu, Z., & He, S. (2012). A memory binary particle swarm optimization. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1831–1835
- [Jianchao & Min, 2012] Jianchao, F. & Min, H. (2012). Nonliear model predictive control of ball-plate system based on gaussian particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3116–3121
- [Jiang et al., 2012] Jiang, Y., Tsai, P., Hao, Z., & Cao, L. (2012). A novel auto-parameters selection process for image segmentation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2666–2672
- [jiao Gong & Zhang, 2012] jiao Gong, Y. & Zhang, J. (2012). Real-time traffic signal control for roundabouts by using a novel PSO-based fuzzy controller. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 771–778
- [Jin & Liang, 2012] Jin, Q. & Liang, Z. (2012). A naive particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 29–36
- [Johnson, 2012] Johnson, C. (2012). Search-based evolutionary operators for extensionally-defined search spaces: Applications to image search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2279–2285
- [Jones et al., 2012] Jones, G., Lovell, C., Gunn, S., Morgan, H., & Zauner, K.-P. (2012). Enabling the discovery of computational characteristics of enzyme dynamics. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2452–2459
- [Jordan & Kroeger, 2012] Jordan, C. D. & Kroeger, T. (2012). An evolutionary algorithm for bilevel optimisation of men's team pursuit track cycling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2325–2332
- [Juan et al., 2012] Juan, X., Han-wu, C., Zhihao, L., Yue, R., & Wanning, Z. (2012). Quantum secret sharing without exclusive OR of qubits' measuring results. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1675–1678
- [Junior et al., 2012] Junior, O. C., Britto, A., & Pozo, A. (2012). A comparison of methods for leader selection in many-objective problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1654–1661
- [Kafafy et al., 2012] Kafafy, A., Bounekkar, A., & Bonnevay, S. (2012). Hybrid metaheuristics based on MOEA/D for 0/1 multiobjective knapsack problems: A comparative study. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3300–3307
- [Kampouridis et al., 2012] Kampouridis, M., Glover, T., Shaghaghi, A. R., & Tsang, E. (2012). Using a genetic algorithm as a decision support tool for the deployment of fiber optic networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3585–3592
- [Karabulut & Tasgetiren, 2012] Karabulut, K. & Tasgetiren, M. F. (2012). A discrete artificial bee colony algorithm for the traveling salesman problem with time windows. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3038–3044
- [Kattan & Galvan, 2012] Kattan, A. & Galvan, E. (2012). Evolving radial basis function networks via GP for estimating fitness values using surrogate models. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3161–3167

- [Kelly et al., 2012] Kelly, S., Lichodzijewski, P., & Heywood, M. I. (2012). On run time libraries and hierarchical symbiosis. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3278–3285
- [Khadem et al., 2012] Khadem, S., Chan, K. Y., & Dillon, T. (2012). Optimization of neural network configurations for short-term traffic flow forecasting using orthogonal design. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1184–1190
- [Kim et al., 2012] Kim, K., McKay, B. R., & Nguyen Xuan Hoai (2012). Implicit bias in grammar-based estimation of distribution genetic programming: The effects of recursive structure. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2373–2380
- [Knittel, 2012] Knittel, A. (2012). Learning feature hierarchies under reinforcement. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2420–2427
- [Ko et al., 2012] Ko, G. M., Reddy, A. S., Kumar, S., Garg, R., Bailey, B. A., & Hadaegh, A. R. (2012). Differential evolution-binary particle swarm optimization algorithm for the analysis of aryl beta-diketo acids for HIV-1 integrase inhibition. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1278–1284
- [Koloseni et al., 2012] Koloseni, D., Lampinen, J., & Luukka, P. (2012). Differential evolution classifier with optimized distance measures from a pool of distances. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2806–2812
- [Korosec & Silc, 2012] Korosec, P. & Silc, J. (2012). The continuous differential ant-stigmergy algorithm applied to dynamic optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 447–454
- [Kou et al., 2012] Kou, J., Xiong, S., Fang, Z., Zong, X., & Bian, F. (2012). Positive point charge potential field based ACO algorithm for multi-objective evacuation routing optimization problem. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3064–3071
- [Kovarik & Kordik, 2012] Kovarik, O. & Kordik, P. (2012). Max-min ant system with linear memory complexity. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 322–326
- [Kroetz et al., 2012] Kroetz, M., Centeno, T., Delgado, M., Dorini, L., Fylyk, V., Vieira, A., Lucas, L., & Felisberto, M. (2012). Genetic algorithms to automatic weld bead detection in double wall double image digital radiographs. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 578–584
- [Kromer et al., 2012] Kromer, P., Snasel, V., Platos, J., Kudelka, M., & Horak, Z. (2012). An ACO inspired weighting approach for the spectral partitioning of co-authorship networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3659–3665
- [Kudo & Yoshikawa, 2012] Kudo, F. & Yoshikawa, T. (2012). Knowledge extraction in multi-objective optimization problem based on visualization of pareto solutions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1871–1876
- [Kumar & Pant, 2012] Kumar, P. & Pant, M. (2012). Enhanced mutation strategy for differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2884–2889
- [Lacroix et al., 2012] Lacroix, B., Molina, D., & Herrera, F. (2012). Region based memetic algorithm with LS chaining. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 386–391
- [Lakshika et al., 2012] Lakshika, E., Barlow, M., & Easton, A. (2012). Fidelity and complexity of standing group conversation simulations: A framework for the evolution of multi agent systems through bootstrapping human aesthetic judgments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2033–2040
- [Lam et al., 2012] Lam, A. Y., Li, V. O., & Wei, Z. (2012). Chemical reaction optimization for the fuzzy rule learning problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3084–3091

- [LaTorre et al., 2012] LaTorre, A., Muelas, S., & Pena, J.-M. (2012). Multiple offspring sampling in large scale global optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 964–971
- [Lattarulo & Parks, 2012] Lattarulo, V. & Parks, G. T. (2012). A preliminary study of a new multi-objective optimization algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1793–1800
- [Le et al., 2012] Le, M. N., Ong, Y. S., Menzel, S., Seah, C.-W., & Sendhoff, B. (2012). Multi coobjective evolutionary optimization: Cross surrogate augmentation for computationally expensive problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2911–2918
- [Lee et al., 2012a] Lee, D., Gonzalez, L. F., Jacques, P., & Bugeda, G. (2012a). Multi-objective design optimization of morphing UAV aerofoil/wing using hybridised MOGA. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1743–1750
- [Lee et al., 2012b] Lee, L.-K., An, S.-Y., & Oh, S.-Y. (2012b). Robust fingertip extraction with improved skin color segmentation for finger gesture recognition in human-robot interaction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 45–51
- [Lee & Cho, 2012] Lee, M.-C. & Cho, S.-B. (2012). Interactive differential evolution for image enhancement application in smart phone. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 887–892
- [Legillon et al., 2012] Legillon, F., Liefooghe, A., & Talbi, E.-G. (2012). CoBRA: A cooperative coevolutionary algorithm for bi-level optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 735–742
- [Lehmann & Menzel, 2012] Lehmann, H. & Menzel, S. (2012). Evolvability as concept for the optimal design of free-form deformation control volumes. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 517–524
- [Leitao et al., 2012] Leitao, A., Pereira, F. B., & Machado, P. (2012). Enhancing cluster geometry optimization with island models. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2218–2225
- [Lemonge et al., 2012] Lemonge, A., Barbosa, H., & Bernardino, H. (2012). A family of adaptive penalty schemes for steady-state genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1554–1561
- [Lepagnot et al., 2012] Lepagnot, J., Nakib, A., Oulhadj, H., & Siarry, P. (2012). A dynamic multi-agent algorithm applied to challenging benchmark problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2621–2628
- [Leung et al., 2012] Leung, S. W., Zhang, X., & Yuen, S. Y. (2012). Multiobjective differential evolution algorithm with opposition-based parameter control. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 849–856
- [Li et al., 2012a] Li, B., Li, X., Mabu, S., & Hirasawa, K. (2012a). Towards automatic discovery and reuse of subroutines in variable size genetic network programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 485–492
- [Li et al., 2012b] Li, C., Yang, S., & Yang, M. (2012b). Maintaining diversity by clustering in dynamic environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2734–2741
- [Li et al., 2012c] Li, X., Li, B., Mabu, S., & Hirasawa, K. (2012c). A continuous estimation of distribution algorithm by evolving graph structures using reinforcement learning. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2097–2104
- [Li et al., 2012d] Li, Y., Chen, J., Liu, R., & Wu, J. (2012d). A spectral clustering-based adaptive hybrid multi-objective harmony search algorithm for community detection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3308–3315

- [Li & Guo, 2012] Li, Y. & Guo, M. (2012). Phase transition and new fitness function based genetic inductive loigc programming algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 956–963
- [Li et al., 2012e] Li, Z., Shang, Z., Liang, J. J., & Niu, B. (2012e). An improved differential evolution for constrained optimization with dynamic constraint-handling mechanism. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 17–22
- [Liang et al., 2012a] Liang, J. J., Ma, S. T., Qu, B. Y., & Niu, B. (2012a). Strategy adaptative memetic crowding differential evolution for multimodal optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2919–2925
- [Liang et al., 2012b] Liang, J. J., Qu, B., Suganthan, P. N., & Niu, B. (2012b). Dynamic multi-swarm particle swarm optimization for multi-objective optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1638–1645
- [Liang et al., 2012c] Liang, J. J., X. B, M., Qu, B. Y., Niu, B., & Chen, T. J. (2012c). Elite multi-group differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2413–2419
- [Liang & Juarez, 2012] Liang, Y.-C. & Juarez, J. R. C. (2012). Multilevel image thresholding using relative entropy and virus optimization algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3238–3245
- [Liao & Ting, 2012a] Liao, C.-C. & Ting, C.-K. (2012a). Extending the lifetime of dynamic wireless sensor networks by genetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1016–1023
- [Liao & Ting, 2012b] Liao, X.-L. & Ting, C.-K. (2012b). Evolutionary algorithms using adaptive mutation for the selective pickup and delivery problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2758–2765
- [Lima et al., 2012] Lima, M., Carrano, E., & Takahashi, R. (2012). Multiobjective planning of wireless local area networks (wlan) using genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3526–3533
- [Lin & ping Chen, 2012] Lin, J.-Y. & ping Chen, Y. (2012). When and what kind of memetic algorithms perform well. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2821–2828
- [Lin et al., 2012] Lin, L., Ji, Z., Zhu, Z., & He, S. (2012). A crown jewel defense strategy based particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1817–1822
- [Ling et al., 2012] Ling, S. H., Nguyen, H., Leung, F. H., Chan, K. Y., & Jiang, F. (2012). Intelligent fuzzy particle swarm optimization with cross-mutated operation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1176–1183
- [Liu et al., 2012a] Liu, B., Zhang, Q., Fernandez, F. V., & Gielen, G. (2012a). Self-adaptive lower confidence bound: A new general and effective prescreening method for gaussian process surrogate model assisted evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2479–2484
- [Liu & Ting, 2012] Liu, C.-H. & Ting, C.-K. (2012). Polyphonic accompaniment using genetic algorithm with music theory. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2644–2650
- [Liu et al., 2012b] Liu, H.-L., Chen, W.-Q., & Gu, F. (2012b). A novel multi-objective differential evolutionary algorithm based sub-region search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 244–249

- [Liu & Zhong, 2012] Liu, J. & Zhong, W. (2012). Continuous game dynamics on populations with a cycle structure under weak selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 819–824
- [Liu et al., 2012c] Liu, J.-L., Hsu, Y.-T., & Hung, C.-L. (2012c). Development of evolutionary data mining algorithms and their applications to cardiac disease diagnosis. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 690–697
- [Liu et al., 2012d] Liu, R., Liu, Y., & Li, Y. (2012d). An improved method for multi-objective clustering ensemble algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3355–3362
- [Liu et al., 2012e] Liu, R., Wang, X., Li, Y., & Xiangrong, Z. (2012e). Multi-objective invasive weed optimization algorithm for clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2202–2209
- [Liu et al., 2012f] Liu, W., Ji, Z., Zhu, Z., & He, S. (2012f). Survival analysis of gene expression data using PSO based radial basis function networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3095–3099
- [Liu et al., 2012g] Liu, Y., Chung, Y. Y., & Yeh, W. C. (2012g). Simplified swarm optimization with sorted local search for golf data classification. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 795–802
- [Liu et al., 2012h] Liu, Z., Chen, H., Xu, J., Li, W., & Li, Z. (2012h). Deterministic secure quantum communication with mutual authentication based on bell measurement. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1751–1755
- [Logenthiran et al., 2012] Logenthiran, T., Dipti, S., Ashwin, M. K., & Raj, T. S. (2012). Optimal sizing of distributed energy resources for integrated microgrids using evolutionary strategy. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 144–151
- [Lopez & de Antonio, 2012] Lopez, O. J. R. & de Antonio, A. (2012). Evolving the way of doing the right thing. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2573–2580
- [Louzada et al., 2012] Louzada, J., Camilo-Junior, C., Vincenzi, A., & Rodrigues, C. (2012). An elitist evolutionary algorithm for automatically generating test data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 455–462
- [Lu & Han, 2012] Lu, Q. & Han, Q.-L. (2012). A finite-time particle swarm optimization algorithm. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 841–848
- [Ludwig, 2012a] Ludwig, S. (2012a). Clonal selection based genetic algorithm for workflow service selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1960–1966
- [Ludwig, 2012b] Ludwig, S. (2012b). Step-optimized particle swarm optimization. *Proceedings of the* 2012 IEEE Congress on Evolutionary Computation, 1703–1711
- [Ma et al., 2012] Ma, H., Fei, M., Ding, Z., & Jin, J. (2012). Biogeography-based optimization with ensemble of migration models for global numerical optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1110–1117
- [Maali & Al-Jumaily, 2012] Maali, Y. & Al-Jumaily, A. (2012). A novel partially connected cooperative parallel PSO-SVM algorithm: Study based on sleep apnea detection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 198–205
- [Macharet et al., 2012] Macharet, D., Neto, A. A., da Camara Neto, V., & Campos, M. (2012). Data gathering tour optimization for Dubins' vehicles. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2041–2048
- [Mahlmann et al., 2012] Mahlmann, T., Togelius, J., & Yannakakis, G. N. (2012). Evolving card sets towards balancing dominion. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1223–1230

- [Maia et al., 2012] Maia, R., De Castro, L., & Caminhas, W. (2012). Bee colonies as model for multimodal continuous optimization: The optbees algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3363–3370
- [Mallipeddi & Lee, 2012a] Mallipeddi, R. & Lee, M. (2012a). Ensemble based face recognition using discriminant PCA features. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 327–333
- [Mallipeddi & Lee, 2012b] Mallipeddi, R. & Lee, M. (2012b). Surrogate model assisted ensemble differential evolution algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2073–2080
- [MartInez & Coello Coello, 2012] MartInez, S. Z. & Coello Coello, C. A. (2012). A direct local search mechanism for decomposition-based multi-objective evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3480–3487
- [Matayoshi, 2012] Matayoshi, M. (2012). Landscape information extraction from chromosome based on a quality control approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1944–1951
- [Mavrovouniotis & Yang, 2012] Mavrovouniotis, M. & Yang, S. (2012). Ant colony optimization with memory-based immigrants for the dynamic vehicle routing problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2766–2773
- [McCarthy, 2012] McCarthy, P. (2012). Path-sharing: A new betweenness measure for community identification in networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 79–84
- [Meiguins et al., 2012] Meiguins, A. S. G., Limao, R. C., Meiguins, B. S., Sousa Junior, S. F., & Freitas, A. A. (2012). Autoclustering an estimation of distribution algorithm for the automatic generation of clustering algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2687–2693
- [Menchaca-Mendez & Coello Coello, 2012] Menchaca-Mendez, A. & Coello Coello, C. A. (2012). Solving multi-objective optimization problems using differential evolution and a maximin selection criterion. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3145–3152
- [Meng & Hongliang, 2012] Meng, Y. & Hongliang, G. (2012). A gene regulatory network based framework for self-organization in mobile sensor networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 533–539
- [Merelo Guervos et al., 2012] Merelo Guervos, J.-J., Mora, A. M., Cruz Almaguer, J. A., Esparcia-Alcazar, A. I., & Cotta, C. (2012). Scaling in distributed evolutionary algorithms with persistent population. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 625–632
- [Mezura-Montes & Lopez-Davila, 2012] Mezura-Montes, E. & Lopez-Davila, E. A. (2012). Adaptation and local search in the modified bacterial foraging algorithm for constrained optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1546–1553
- [Mishra & Gallagher, 2012] Mishra, K. & Gallagher, M. (2012). Variable screening for reduced dependency modelling in gaussian-based continuous estimation of distribution algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2105–2112
- [Mitavskiy & He, 2012] Mitavskiy, B. & He, J. (2012). A polynomial time approximation scheme for a single machine scheduling problem using a hybrid evolutionary algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1513–1520
- [Mohammadi et al., 2012] Mohammadi, A., Omidvar, M. N., & Li, X. (2012). Reference point based multi-objective optimization through decomposition. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2131–2138

- [Montgomery & Chen, 2012] Montgomery, J. & Chen, S. (2012). A simple strategy for maintaining diversity and reducing crowding in differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2790–2797
- [Moraglio et al., 2012] Moraglio, A., Otero, F., Johnson, C., Thompson, S., & Freitas, A. (2012). Evolving recursive programs using non-recursive scaffolding. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2242–2249
- [Moser & Gheorghita, 2012] Moser, I. & Gheorghita, M. (2012). Combining search space diagnostics and optimisation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1900–1907
- [Moubayed et al., 2012] Moubayed, N. A., hasan, B. A. S., Gan, J. Q., Petrovski, A., & McCall, J. (2012). Continuous presentation for multi-objective channel selection in brain-computer interfaces. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3488–3494
- [Munoz et al., 2012] Munoz, M. A., Kirley, M., & Halgamuge, S. (2012). Landscape characterization of numerical optimization problems using biased scattered data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2162–2169
- [Murakami, 2012] Murakami, K. (2012). A genetic algorithm for probe testing problem on high-density PCB. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3456–3463
- [Mussetta et al., 2012a] Mussetta, M., Grimaccia, F., & Zich, R. E. (2012a). Comparison of different optimization techniques for the design of electromagnetic devices. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 705–710
- [Mussetta et al., 2012b] Mussetta, M., Shadmehr, H., Grimaccia, F., Gandelli, A., & Zich, R. (2012b). Optimization of a radio frequency energy harvesting device. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 52–56
- [Nag & Pal, 2012] Nag, K. & Pal, T. (2012). A new archive based steady state genetic algorithm. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1864–1870
- [Nascimento & Vasconcelos, 2012] Nascimento, A. & Vasconcelos, G. (2012). An experimental investigation of artificial immune system algorithms for credit risk assessment applications. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1785–1792
- [Nasir et al., 2012] Nasir, M., Sengupta, S., Das, S., & Suganthan, P. N. (2012). An improved multi-objective optimization algorithm based on fuzzy dominance for risk minimization in biometric sensor network. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 980–987
- [Nazmul et al., 2012] Nazmul, R., Chetty, M., Samudrala, R., & Chalmers, D. (2012). Protein structure prediction based on optimal hydrophobic core formation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1263–1271
- [Neumann & Cairns, 2012] Neumann, G. & Cairns, D. (2012). Targeted EDA adapted for a routing problem with variable length chromosomes. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 334–341
- [Ngoko et al., 2012] Ngoko, Y., Goldman, A., & Trystram, D. (2012). Malleable resource sharing algorithms for cooperative resolution of problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 407–414
- [Nguyen & Wood, 2012] Nguyen, H. & Wood, I. (2012). Variable selection in statistical models using population-based incremental learning with applications to genome-wide association studies. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2466–2473
- [Nguyen et al., 2012a] Nguyen, M. V., Kirley, M., & Garcia-Flores, R. (2012a). Community evolution in a scientific collaboration network. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3222–3229

- [Nguyen et al., 2012b] Nguyen, S., Zhang, M., Johnston, M., & Chen, T. K. (2012b). A coevolution genetic programming method to evolve scheduling policies for dynamic multi-objective job shop scheduling problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3332–3339
- [Ni et al., 2012] Ni, J., Li, L., Qiao, F., & Wu, Q. (2012). A novel memetic algorithm based on the comprehensive learning PSO. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 915–922
- [Nicolau et al., 2012] Nicolau, M., O'Neill, M., & Brabazon, A. (2012). Termination in grammatical evolution: Grammar design, wrapping, and tails. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2381–2388
- [Nielsen et al., 2012] Nielsen, S. S., Dorronsoro, B., Danoy, G., & Bouvry, P. (2012). Novel efficient asynchronous cooperative co-evolutionary multi-objective algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1372–1378
- [Nikumbh et al., 2012] Nikumbh, S., Ghosh, S., & Jayaraman, V. (2012). Biogeography-based informative gene selection and cancer classification using SVM and random forests. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 131–136
- [Nitschke, 2012] Nitschke, G. (2012). Behavioral heterogeneity, cooperation, and collective construction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 117–124
- [Oliveira et al., 2012] Oliveira, L. O., Mota, R. L., & Barone, D. A. (2012). Clonal selection classifier with data reduction: Classification as an optimization task. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 85–91
- [Orito et al., 2012] Orito, Y., Yamamoto, H., & Tsujimura, Y. (2012). Equality constrained long-short portfolio replication by using probabilistic model-building GA. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1562–1569
- [Ortuno et al., 2012] Ortuno, F., Florido, J. P., Urquiza, J. M., Pomares, H., Prieto, A., & Rojas, I. (2012). Optimization of multiple sequence alignment methodologies using a multiobjective evolutionary algorithm based on NSGA-II. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 92–99
- [Ou & Ou, 2012] Ou, C.-M. & Ou, C. (2012). Immune memory with associativity: Perspectives on dynamical systems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 928–933
- [Pace et al., 2012] Pace, S., Cain, A., & Woodward, C. (2012). A consolidated model of particle swarm optimisation variants. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3270–3277
- [Pai & Michel, 2012] Pai, G. A. V. & Michel, T. (2012). Differential evolution based optimization of risk budgeted equity market neutral portfolios. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1057–1064
- [Palafox & Hitoshi, 2012] Palafox, L. & Hitoshi, I. (2012). On the use of population based incremental learning to do reverse engineering on gene regulatory networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1317–1324
- [Park et al., 2012] Park, I.-W., Lee, K.-B., & Kim, J.-H. (2012). Multi-objective evolutionary algorithm-based optimal posture control of humanoid robots. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 175–181
- [Paul et al., 2012] Paul, S., Kumar, S., & Singh, L. (2012). Novel hybrid compact genetic algorithm for simultaneous structure and parameter learning of neural networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2567–2572
- [Pehlivanoglu & Baysal, 2012] Pehlivanoglu, Y. V. & Baysal, O. (2012). Improved particle swarm optimization: Catching the big wave on the surf. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 833–840

- [Pei & Takagi, 2012] Pei, Y. & Takagi, H. (2012). Fourier analysis of the fitness landscape for evolutionary search acceleration. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2968–2974
- [Perez et al., 2012] Perez, D., Rohlfshagen, P., & Lucas, S. (2012). The physical travelling salesman problem: WCCI 2012 competition. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1199–1206
- [Picek et al., 2012] Picek, S., Golub, M., & Jakobovic, D. (2012). Influence of the crossover operator in the performance of the hybrid taguchi GA. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 423–430
- [Pilat & Neruda, 2012] Pilat, M. & Neruda, R. (2012). An evolutionary strategy for surrogate-based multiobjective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1857–1863
- [Pirisi et al., 2012] Pirisi, A., Grimaccia, F., Mussetta, M., & Zich, R. E. (2012). An evolutionary optimized device for energy harvesting from traffic. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3593–3598
- [Pisani & Lorena, 2012] Pisani, P. H. & Lorena, A. C. (2012). Evolutionary neural networks applied to keystroke dynamics: Genetic and immune based. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2999–3006
- [Poon et al., 2012] Poon, J., Yin, D., Poon, S., Zhang, R., Liu, B., & Sze, D. (2012). Co-evolution of symptom-herb relationship. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2460–2465
- [Puris et al., 2012] Puris, A., Bello, R., Molina, D., & Herrera, F. (2012). Optimising real parameters using the information of a mesh of solutions: VMO algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2659–2665
- [Qiu et al., 2012] Qiu, J.-W., Zao, J. K., & Chou, Y.-H. (2012). A geometrically faithful memetic algorithm for searching sparse representations of EEG signals. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 379–385
- [Rabelo et al., 2012a] Rabelo, R., Fernandes, R., & Silva, I. (2012a). Operational planning of hydrothermal systems based on a fuzzy-PSO approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2581–2588
- [Rabelo et al., 2012b] Rabelo, R., Lemos, M., & Barbosa, D. (2012b). Power system harmonics estimation using particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3534–3539
- [Rada-Vilela et al., 2012] Rada-Vilela, J., Zhang, M., & Seah, W. (2012). A performance study on the effects of noise and evaporation in particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1892–1899
- [Raffe et al., 2012] Raffe, W., Zambetta, F., & Li, X. (2012). A survey of procedural terrain generation techniques using evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 803–810
- [Rahman & Dueck, 2012] Rahman, M. M. & Dueck, G. (2012). An algorithm to find quantum templates. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1668–1674
- [Rahman et al., 2012] Rahman, M. O., Hussain, A., Scavino, E., Hannan, M. A., & Basri, H. (2012).
 Object identification using DNA computing algorithm. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 315–321
- [Rajasekhar et al., 2012] Rajasekhar, A., Das, S., & Suganthan, P. N. (2012). Design of fractional order controller for a servohydraulic positioning system with micro artificial bee colony algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 972–979

- [Ramos & Vazquez, 2012] Ramos, J. E. & Vazquez, R. A. (2012). A new objective function to build seismic networks using differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2898–2904
- [Regnier-Coudert & McCall, 2012] Regnier-Coudert, O. & McCall, J. (2012). An island model genetic algorithm for Bayesian network structure learning. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3419–3426
- [Reynolds & Gawasmeh, 2012] Reynolds, R. & Gawasmeh, Y. (2012). Evolving heterogeneous social fabrics for the solution of real-valued optimization problems using cultural algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3395–3402
- [Riano & McGinnity, 2012] Riano, L. & McGinnity, T. (2012). A robot that autonomously improves skills by evolving computational graphs. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2049–2056
- [Richter & Moser, 2012] Richter, J. & Moser, I. (2012). A distributed multiobjective approach to negotiations in semi-competitive environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3122–3128
- [Rohler & Chen, 2012] Rohler, A. B. & Chen, S. (2012). Multi-swarm hybrid for multi-modal optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2397–2404
- [Rotaru & Brudaru, 2012] Rotaru, C. & Brudaru, O. (2012). Multi-grid cellular genetic algorithm for optimizing variable ordering of ROBDDs. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2529–2536
- [Roy et al., 2012] Roy, S., MartInez, S. Z., Coello Coello, C. A., & Sengupta, S. (2012). A multi-objective evolutionary approach for linear antenna array design and synthesis a multi-objective evolutionary approach for linear antenna array design and synthesis a multi-objective evolutionary approach for linear antenna array design and synthesi. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3472–3479
- [Ruuska & Miettinen, 2012] Ruuska, S. & Miettinen, K. (2012). Constructing evolutionary algorithms for bilevel multiobjective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 250–256
- [Ryu et al., 2012] Ryu, S.-J., Lee, K.-B., & Kim, J.-H. (2012). Improved version of a multiobjective quantum-inspired evolutionary algorithm with preference-based selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2318–2324
- [Saha & Ray, 2012a] Saha, A. & Ray, T. (2012a). Equality constrained multi-objective optimization. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1395–1401
- [Saha & Ray, 2012b] Saha, A. & Ray, T. (2012b). A repair mechanism for active inequality constraint handling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 546–553
- [Sandin et al., 2012] Sandin, I., Andrade, G., Viegas, F., Madeira, D., Rocha, L., Salles, T., & Goncalves, M. A. (2012). Aggressive and effective feature selection using genetic programming. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2718–2725
- [Sandran et al., 2012] Sandran, T., Zakaria, N., & Pal, A. J. (2012). Performance profile of some hybrid heuristic search techniques using compiler flag selection as a seed example. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2474–2478
- [Sano et al., 2012] Sano, R., Shindo, T., Jin'no, K., & Saito, T. (2012). PSO-based multiple optima search systems with switched topology. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3340–3346
- [Santana et al., 2012a] Santana, R., Mendiburu, A., & Lozano, J. A. (2012a). An analysis of the use of probabilistic modelling for synaptic connectivity prediction from genomic data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3495–3502

- [Santana et al., 2012b] Santana, R., Mendiburu, A., & Lozano, J. A. (2012b). Structural transfer using EDAs: An application to multi-marker tagging SNP selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3206–3213
- [Santos et al., 2012] Santos, T., Takahashi, R. H. C., & Moreira, G. J. P. (2012). A CMA stochastic differential equation approach for many-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3294–3299
- [Saraiva & Pinheiro, 2012] Saraiva, R. & Pinheiro, P. (2012). A novel application of crossover operator to a hybrid optimization framework: investigation into cutting problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 633–639
- [Sato, 2012] Sato, A.-H. (2012). Japanese international air travel: The relationship between flight ticket price and geodesic distance. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1065–1070
- [Sato et al., 2012] Sato, H., Hasegawa, Y., Bollegala, D., & Iba, H. (2012). Probabilistic model building GP with belief propagation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2089–2096
- [Sawai, 2012] Sawai, H. (2012). Reorganizing a new generation airline network based on an ant-colony optimization-inspired small-world network. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 287–294
- [Sayed et al., 2012] Sayed, E., Esam, D., & Sarker, R. (2012). Dependency identification technique for large scale optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1442–1449
- [Seah et al., 2012] Seah, C.-W., Ong, Y.-S., Tsang, I. W., & Jiang, S. (2012). Pareto rank learning in multi-objective evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2613–2620
- [Segredo et al., 2012] Segredo, E., Segura, C., & Leon, C. (2012). Analysing the robustness of multiobjectivisation parameters with large scale optimisation problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1729–1736
- [Segretier et al., 2012] Segretier, W., Clergue, M., Collard, M., & Izquierdo, L. (2012). An evolutionary data mining approach on hydrological data with classifier juries. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2853–2860
- [Sekanina et al., 2012] Sekanina, L., Salajka, V., & Vasicek, Z. (2012). Two-step evolution of polymorphic circuits for image multi-filtering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1481–1488
- [Selvan et al., 2012] Selvan, K. V., Muhammad, M. S., & Masra, S. M. W. (2012). Ensembles of DNA letters for the design of unique DNA library using a modified version of multi-criteria VEDEPSO optimizer. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 364–371
- [Semenkin & Semenkina, 2012] Semenkin, E. & Semenkina, M. (2012). Self-configuring genetic programming algorithm with modified uniform crossover. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2501–2506
- [Sengupta et al., 2012a] Sengupta, A., Chakraborti, T., Konar, A., Kim, E., & Nagar, A. K. (2012a). An adaptive memetic algorithm using a synergy of differential evolution and learning automata. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2436–2443
- [Sengupta et al., 2012b] Sengupta, S., Das, S., Nasir, M., Vasilakos, A. V., & Pedrycz, W. (2012b). Energy-efficient differentiated coverage of dynamic objects using an improved evolutionary multi-objective optimization algorithm with fuzzy-dominance. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2186–2193

- [Seredynski et al., 2012] Seredynski, M., Danoy, G., Masoud, T., Bouvry, P., & Yoann, P. (2012). Generation of realistic mobility for VANETs using genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3448–3455
- [Sergeevich & Bartlett, 2012] Sergeevich, A. & Bartlett, S. (2012). Optimizing qubit Hamiltonian parameter estimation algorithm using PSO. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 3092–3094
- [Setayesh et al., 2012] Setayesh, M., Mengjie, Z., & Mark, J. (2012). Effects of static and dynamic topologies in particle swarm optimisation for edge detection in noisy images. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1341–1348
- [Shang et al., 2012] Shang, Z., Zhihui, L., Liang, J. J., & Niu, B. (2012). Control parameters self-adaptation in differential. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 65–70
- [Shao & Er, 2012] Shao, Z. & Er, M. J. (2012). A review of inverse reinforcement learning theory and recent advances. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 585–592
- [Sharifi et al., 2012] Sharifi, A., Noroozi, V., Bashiri, M., Hashemi, A. B., & Meybodi, M. R. (2012). Two phased cellular PSO: A new collaborative cellular algorithm for optimization in dynamic environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 350–357
- [Sharma et al., 2012a] Sharma, T. K., Pant, M., & Bansal, J. C. (2012a). Artificial bee colony with mean mutation operator for better exploitation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3045–3051
- [Sharma et al., 2012b] Sharma, T. K., Pant, M., & Bansal, J. C. (2012b). Some modifications to enhance the performance of artificial bee colony. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3577–3584
- [Shelokar et al., 2012] Shelokar, P., Quirin, A., & Cordon, O. (2012). Automatic extraction of common research areas in world scientograms using the multiobjective subdue algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3230–3237
- [Shelton et al., 2012] Shelton, J., Dozier, G., Adams, J., & Alford, A. (2012). Permutation-based biometric authentication protocols for mitigating replay attacks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3630–3634
- [Shen et al., 2012] Shen, T.-W., Laio, T.-F., & Chen, S.-T. (2012). Hormone concentration inception: Development an artificial immune system with immunomodulator (AISI) intervention. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 656–661
- [Shi et al., 2012] Shi, Q., Yin, W., & Song, A. (2012). Analysis of motion detectors evolved by genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 501–508
- [Shim et al., 2012a] Shim, V. A., Tan, K. C., & Tan, K. K. (2012a). A hybrid adaptive evolutionary algorithm in the domination-based and decomposition-based frameworks of multi-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2113–2120
- [Shim et al., 2012b] Shim, V. A., Tan, K. C., & Tan, K. K. (2012b). A hybrid estimation of distribution algorithm for solving the multi-objective multiple traveling salesman problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1809–1816
- [Shimoyama et al., 2012] Shimoyama, K., Sato, K., Jeong, S., & Obayashi, S. (2012). Comparison of the criteria for updating kriging response surface models in multi-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2170–2177
- [Si et al., 2012] Si, C., Wang, L., & Wu, Q. (2012). Mapping constrained optimization problems to algorithms and constraint handling techniques. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3379–3386

- [Siegmund et al., 2012] Siegmund, F., Ng, A. H., & Deb, K. (2012). Finding a preferred diverse set of pareto-optimal solutions for a limited number of function calls. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 711–718
- [Silveira et al., 2012] Silveira, L., Tanscheit, R., & Vellasco, M. (2012). Quantum-inspired genetic algorithms applied to ordering combinatorial optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 295–301
- [Sinha et al., 2012a] Sinha, A., Malo, P., & Deb, K. (2012a). Unconstrained scalable test problems for single-objective bilevel optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2333–2340
- [Sinha et al., 2012b] Sinha, A., Pandey, A., & Deb, K. (2012b). Solving high objective problems in fixed interactions with the decision maker. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2294–2301
- [Sinha et al., 2012c] Sinha, S., Bhola, A., Panchal, V., Singhal, S., & Abraham, A. (2012c). Resolving mixed pixel using hybridization of ant colony optimization and biogeography based optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 222–227
- [Siriwardana & Halgamuge, 2012] Siriwardana, J. & Halgamuge, S. (2012). Fast shortest path optimization inspired by shuttle streaming of physarum polycephalum. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3246–3253
- [Smith-Miles & Tan, 2012] Smith-Miles, K. & Tan, T. (2012). Measuring algorithm footprints in instance space. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3569–3576
- [Soam et al., 2012] Soam, V., Palafox, L., & Iba, H. (2012). Multi-objective portfolio optimization and rebalancing using genetic algorithms with local search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1087–1093
- [Srivastava & Anand, 2012] Srivastava, S. & Anand, Y. (2012). An intelligent system to address occupational health of workers exposed to high risk jobs. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2552–2558
- [Stringer et al., 2012] Stringer, J., Lamont, G., & Akers, G. (2012). Radar phase-coded waveform design using multi-objective evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2310–2317
- [Sun et al., 2012a] Sun, X., Yang, L., Gong, D., & Li, M. (2012a). Interactive genetic algorithm assisted with group decision making-based collective intelligence. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2673–2680
- [Sun et al., 2012b] Sun, Y., Lam, A. Y., Li, V. O., Xu, J., & Yu, J. J. (2012b). Chemical reaction optimization for the optimal power flow problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3555–3562
- [Szabo & Kroeger, 2012] Szabo, C. & Kroeger, T. (2012). Evolving multi-objective strategies for task allocation of scientific workflows on public clouds. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2302–2309
- [Takahama & Sakai, 2012a] Takahama, T. & Sakai, S. (2012a). Differential evolution with dynamic strategy and parameter selection by detecting landscape modality. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 593–600
- [Takahama & Sakai, 2012b] Takahama, T. & Sakai, S. (2012b). Efficient constrained optimization by the epsilon constrained rank-based differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1387–1394
- [Takahama & Sakai, 2012c] Takahama, T. & Sakai, S. (2012c). Large scale optimization by differential evolution with landscape modality detection and a diversity archive. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2876–2883

- [Takahiro et al., 2012] Takahiro, T., Takuya, S., Takayuki, K., & Kenya, J. (2012). A relationship between network topology and search performance of PSO. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 358–363
- [Takano & Osana, 2012] Takano, M. & Osana, Y. (2012). Automatic composition system using genetic algorithm and n-gram model considering melody blocks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 525–532
- [Takenouchi et al., 2012] Takenouchi, H., Tokumaru, M., & Muranaka, N. (2012). Performance evaluation of interactive evolutionary computation with tournament-style evaluation. *Proceedings* of the 2012 IEEE Congress on Evolutionary Computation, 1–8
- [Tan, 2012] Tan, S. C. (2012). Simplifying and improving swarm-based clustering. *Proceedings of the* 2012 IEEE Congress on Evolutionary Computation, 3190–3197
- [Tanaka & Takahama, 2012] Tanaka, M. & Takahama, T. (2012). Restoration of motion-blurred line drawings by differential evolution and Richardson-Lucy algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1489–1496
- [Tang et al., 2012] Tang, J., Alam, S., Lokan, C., & Abbass, H. (2012). A multi-objective evolutionary method for dynamic airspace re-sectorization using sectors clipping and similarities. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3607–3614
- [Tang, 2012] Tang, M. (2012). Evolutionary placement of continuously operating reference stations of network real-time kinematic. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 415–422
- [Tao et al., 2012] Tao, Y., Cao, J., Zhang, Y., Lin, J., & Li, M. (2012). Using module-level evolvable hardware approach in design of sequential logic circuits. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2234–2241
- [Taroco et al., 2012] Taroco, C., Carrano, E., Neto, O., & Takahashi, R. (2012). A faster genetic algorithm for substation location and network design of power distribution systems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 463–468
- [Tasgetiren et al., 2012] Tasgetiren, M. F., Bulut, O., & Fadiloglu, M. M. (2012). A discrete harmony search algorithm for the economic lot scheduling problem with power of two policy. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2521–2528
- [Tasoulis et al., 2012] Tasoulis, S., Epitropakis, M., Plagianakos, V., & Tasoulis, D. (2012). Density based projection pursuit clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3643–3650
- [Ter-Sarkisov, 2012] Ter-Sarkisov, A. (2012). Elitism levels traverse mechanism for the derivation of upper bounds on unimodal functions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 617–624
- [Thompson & Congdon, 2012] Thompson, J. A. & Congdon, C. B. (2012). GAMID: Using genetic algorithms for the inference of DNA motifs that are represented in only a subset of sequences of interest. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1301–1308
- [Toda et al., 2012] Toda, Y., Narita, T., & Kubota, N. (2012). Information visualization based on 3D modeling for human-friendly teleoperation. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3623–3629
- [Trivedi et al., 2012] Trivedi, A., Sharma, D., & Srinivasan, D. (2012). Multi-objectivization of short-term unit commitment under uncertainty using evolutionary algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 271–278
- [Tsai et al., 2012] Tsai, P.-C., Chen, C.-M., & ping Chen, Y. (2012). Sparse degrees analysis for LT codes optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1010–1015

- [Tsuji et al., 2012] Tsuji, M., Sato, M., Tanabe, A., Inagaki, Y., & Hashimoto, T. (2012). An asynchronous parallel genetic algorithm for the maximum likelihood phylogenetic tree search. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2349–2356
- [Tsutsui & Fujimoto, 2012] Tsutsui, S. & Fujimoto, N. (2012). Implementation of histogram based sampling algorithm within an EDA scheme with CUDA. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 1247–1254
- [Tusar et al., 2012] Tusar, T., Dovgan, E., & Filipic, B. (2012). Evolutionary scheduling of flexible offers for electricity supply and demand. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1160–1167
- [Uchitane & Hatanaka, 2012] Uchitane, T. & Hatanaka, T. (2012). Experimental study for multiobjective PSO with single objective guide selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 684–689
- [Ulker & Landa-Silva, 2012] Ulker, O. & Landa-Silva, D. (2012). Evolutionary local search for solving the office space allocation problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3615–3622
- [Unemi, 2012] Unemi, T. (2012). SBArt4 for an automatic evolutionary art. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2605–2612
- [Vahdat et al., 2012] Vahdat, A., Heywood, M. I., & Zincir-Heywood, A. N. (2012). Symbiotic evolutionary subspace clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2845–2852
- [Valsecchi et al., 2012] Valsecchi, A., Damas, S., & Santamaria, J. (2012). An image registration approach using genetic algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1450–1457
- [Vanucci et al., 2012] Vanucci, S., Bicalho, R., Carrano, E., & Takahashi, R. (2012). A modified NSGA-II for the multiobjective multi-mode resource-constrained project scheduling problem. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 728–734
- [Vasicek & Sekanina, 2012] Vasicek, Z. & Sekanina, L. (2012). On area minimization of complex combinational circuits using cartesian genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 825–832
- [Vathsavayi et al., 2012] Vathsavayi, S., Raiha, O., & Koskimies, K. (2012). Using quality farms in multi-objective genetic software architecture synthesis. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 609–616
- [Vazquez-Fernandez et al., 2012] Vazquez-Fernandez, E., Coello, C., & Sagols, F. (2012). An evolutionary algorithm coupled with the hooke-jeeves algorithm for tuning a chess evaluation function. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1255–1262
- [Vazquez-Rodriguez et al., 2012] Vazquez-Rodriguez, S., Gomollon, J. A., Varela, G., & Paz-Lopez, A. (2012). Non-observability analysis by means of an evolutionary technique in measured electric power systems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 988–994
- [Veeramachaneni et al., 2012] Veeramachaneni, K., Wagner, M., O'Reilly, U.-M., & Neumann, F. (2012). Optimizing energy output and layout costs for large wind farms using particle swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3540–3546
- [Vieira et al., 2012] Vieira, S., Mendonca, L., Farinha, G., & Sousa, J. (2012). Metaheuristics for feature selection: application to sepsis outcome prediction. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 934–941
- [Vitorino et al., 2012] Vitorino, L., Ribeiro, S., & Bastos-Filho, C. (2012). A hybrid swarm intelligence optimizer based on particles and artificial bees for high-dimensional search spaces. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 23–28

- [Wan et al., 2012] Wan, S., Xiong, S., & Liu, Y. (2012). Prediction based multi-strategy differential evolution algorithm for dynamic environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 640–647
- [Wang et al., 2012a] Wang, L., Xu, W., Mabu, S., & Hirasawa, K. (2012a). Rule accumulation method based on credit genetic network programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3651–3658
- [Wang et al., 2012b] Wang, L., Yang, B., Chen, Y., & Zhao, X. (2012b). Predict the hydration of portland cement using differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3443–3447
- [Wang et al., 2012c] Wang, T.-D., Wu, X., & Fyfe, C. (2012c). Comparative study of visualisation methods for temporal data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1052–1056
- [Wang & Tang, 2012] Wang, X. & Tang, L. (2012). Multi-objective optimization using a hybrid differential evolution algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2081–2088
- [Watanabe & Ito, 2012] Watanabe, D. & Ito, K. (2012). Roles of real-world properties in the baldwin effect. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 399–406
- [Weerasinghe & Sofronov, 2012] Weerasinghe, M. & Sofronov, G. (2012). A modified cross entropy method for detecting multiple change points in DNA count data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2001–2008
- [Wei & Wang, 2012] Wei, J. & Wang, Y. (2012). Hyper rectangle search based particle swarm algorithm for dynamic constrained multi-objective optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 190–197
- [Wei & Fujimura, 2012] Wei, X. & Fujimura, S. (2012). Parallel quantum evolutionary algorithms with client-server model for multi-objective optimization on discrete problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3262–3269
- [Wen et al., 2012] Wen, L., Gao, L., Li, X., Zhang, G., & Yang, Y. (2012). Application of free pattern search on the surface roughness prediction in end milling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 765–770
- [Wenping et al., 2012] Wenping, M., Yuanyuan, H., Congling, L., & Jing, L. (2012). Image segmentation based on a hybrid immune memetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1679–1686
- [Wesolkowski & Wojtaszek, 2012] Wesolkowski, S. & Wojtaszek, D. (2012). SaFESST: Stochastic fleet estimation under steady state tasking via evolutionary fleet scheduling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1325–1332
- [Wesolkowski et al., 2012] Wesolkowski, S., Wojtaszek, D., & Willick, K. (2012). Multi-objective optimization of the fleet mix problem using the SaFER model. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2341–2348
- [While & Bradstreet, 2012] While, L. & Bradstreet, L. (2012). Applying the WFG algorithm to calculate incremental hypervolumes. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1521–1528
- [Williams & Browne, 2012] Williams, H. & Browne, W. (2012). Integration of learning classifier systems with simultaneous localisation and mapping for autonomous robotics. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2428–2435
- [Wilson et al., 2012a] Wilson, G., Harding, S., Hoeber, O., Devillers, R., & Banzhaf, W. (2012a). Parallel exhaustive search vs. evolutionary computation in a large real world network search space. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1239–1246

- [Wilson et al., 2012b] Wilson, G., Leblanc, D., & Banzhaf, W. (2012b). Using sector information with linear genetic programming for intraday equity price trend analysis. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1071–1078
- [Wink et al., 2012] Wink, S., Baeck, T., & Emmerich, M. (2012). A meta-genetic algorithm for solving the capacitated vehicle routing problem. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3635–3642
- [Witten & Clancey, 2012] Witten, M. & Clancey, O. (2012). An evolutionary algorithm for optimization of affine transformation parameters for dose matrix warping in patient-specific quality assurance of radiotherapy dose distributions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 108–111
- [Wu et al., 2012a] Wu, Y., McCall, J., Corne, D., & Regnier-Coudert, O. (2012a). Landscape analysis for hyperheuristic bayesian network structure learning on unseen problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3198–3205
- [Wu et al., 2012b] Wu, Y.-L., Ho, T.-F., Shyu, S. J., & Lin, B. M. T. (2012b). Discrete particle swarm optimization for materials acquisition in multi-unit libraries. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 662–668
- [Wu et al., 2012c] Wu, Z., Xu, L., Chow, T. W. S., & Zhao, M. (2012c). Local cooperation delivers global optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2271–2278
- [Xiao & Zuo, 2012] Xiao, L. & Zuo, X. (2012). Multi-DEPSO—a DE and PSO based hybrid algorithm in dynamic environments. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1601–1607
- [Xie et al., 2012] Xie, F., Song, A., & Ciesielski, V. (2012). Event detection in time series by genetic programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2507–2514
- [Xinguo et al., 2012] Xinguo, S., Xingquan, Z., & Cheng, C. (2012). A cultural clonal selection algorithm based fast vehicle scheduling approach. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 893–899
- [Xiong et al., 2012] Xiong, J., Abbass, H., & Shafi, K. (2012). Multi-uncertainty problems (MUP) with applications to managing risk in resource-constrained project scheduling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1505–1512
- [Xu et al., 2012a] Xu, J., Lam, A. Y., Li, V. O., Li, Q., & Fan, X. (2012a). Short adjacent repeat identification based on chemical reaction optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 601–608
- [Xu et al., 2012b] Xu, J., Lv, Q., Zhou, J., & Dou, Y. (2012b). A self-organizing and self-adaptive french flag organism based on lateral activation model. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 493–500
- [Xue et al., 2012] Xue, B., Zhang, M., & Browne, W. N. (2012). New fitness functions in binary particle swarm optimisation for feature selection. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 779–786
- [Yamaguchi et al., 2012] Yamaguchi, H., Hiroyasu, T., Nunokawa, S., Koizumi, N., Okumura, N., Yokouchi, H., Miki, M., & Yoshimi, M. (2012). Comparison study of controlling bloat model of GP in constructing filter for cell image segmentation problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3503–3510
- [Yan et al., 2012] Yan, F., Le, P. Q., Iliyasu, A. M., Sun, B., Garcia, J. A., Dong, F., & Hirota, K. (2012). Assessing the similarity of quantum images based on probability measurements. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1662–1667

- [yan Sun et al., 2012] yan Sun, X., shan Chen, S., & ping Ma, X. (2012). Semi-supervised ranking SVM-assisted IGA with hierarchical evaluations. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3153–3160
- [Yang, 2012] Yang, L. (2012). Adaptive learning evaluation model for evolutionary art. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2589–2596
- [Yang et al., 2012] Yang, Y., Mabu, S., & Hirasawa, K. (2012). A multitasks learning approach to autonomous agent based on genetic network programming. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1937–1943
- [Yao et al., 2012] Yao, X., Gong, D., Luo, Y., & Li, M. (2012). Test data reduction based on dominance relations of target statements. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 743–750
- [Yazdani et al., 2012] Yazdani, D., Akbarzadeh-Totonchi, M. R., Nasiri, B., & Meybodi, M. R. (2012). A new artificial fish swarm algorithm for dynamic optimization problems. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1538–1545
- [Yeh & Yang, 2012] Yeh, C.-H. & Yang, C.-Y. (2012). Can learning affect the effectiveness of price limits? *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1094–1101
- [Yeh et al., 2012] Yeh, W.-C., Yeh, Y.-M., Chou, C.-H., Chung, Y., & He, X. (2012). A radio frequency identification network design methodology for the decision problem in mackay memorial hospital based on swarm optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 698–704
- [Yoo et al., 2012] Yoo, J. H., Seok, H.-S., & Zhang, B.-T. (2012). Evolutionary particle filtering for sequential dependency learning from video data. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1608–1615
- [Yu et al., 2012a] Yu, J. J., Lam, A. Y., & Li, V. O. (2012a). Real-coded chemical reaction optimization with different perturbation functions. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2983–2990
- [Yu et al., 2012b] Yu, J. J., Li, V. O., & Lam, A. Y. (2012b). Sensor deployment for air pollution monitoring using public transportation system. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 995–1001
- [Yuan & Xu, 2012] Yuan, Y. & Xu, H. (2012). HHS/LNS: An integrated search method for flexible job shop scheduling. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 811–818
- [yue Qiu et al., 2012] yue Qiu, F., shi Wu, Y., ping Wang, L., & Jiang, B. (2012). Bipolar preferences dominance based evolutionary algorithm for many-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 787–794
- [Yuen et al., 2012] Yuen, J., Gao, S., Wagner, M., & Neumann, F. (2012). An adaptive data structure for evolutionary multi-objective algorithms with unbounded archives. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1985–1992
- [Yusoh & Tang, 2012] Yusoh, Z. M. & Tang, M. (2012). Clustering composite SaaS components in cloud computing using a grouping genetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2357–2364
- [Yuwono et al., 2012a] Yuwono, M., Su, S. W., Moulton, B., & Nguyen, H. (2012a). Fast unsupervised learning method for rapid estimation of cluster centroids. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2139–2146
- [Yuwono et al., 2012b] Yuwono, M., Su, S. W., Moulton, B., & Nguyen, H. (2012b). Method for increasing the computation speed of an unsupervised learning approach for data clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3007–3014

- [Zamuda & Brest, 2012] Zamuda, A. & Brest, J. (2012). Tree model reconstruction innovization using multi-objective differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1616–1623
- [Zao et al., 2012] Zao, J. K., Hornansky, M., & Diao, P.-L. (2012). Design of optimal short-length LT codes using evolution strategies. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 152–160
- [Zhang & Saunders, 2012] Zhang, A. & Saunders, R. (2012). Towards the evolution of a language for creative design. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1024–1029
- [Zhang et al., 2012a] Zhang, G., Mahfouf, M., Panoutsos, G., & Wang, S. (2012a). A multi-objective particle swarm optimization algorithm with a dynamic hypercube archive, mutation and population competition. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1885–1891
- [Zhang et al., 2012b] Zhang, H., Zhu, Y., & Yan, X. (2012b). Multi-hive artificial bee colony algorithm for constrained multi-objective optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 554–561
- [Zhang & Li, 2012] Zhang, K. & Li, B. (2012). Cooperative coevolution with global search for large scale global optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3031–3037
- [Zhang et al., 2012c] Zhang, K., Li, B., & Tan, L. (2012c). Empirical study of the effect of variable correlation on grouping in cooperative coevolutionary evolutionary algorithms. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 308–314
- [Zhang et al., 2012d] Zhang, L., He, R., & Yan, M. (2012d). Heterogeneous double populations based hybrid genetic algorithm design for training feedforward neural networks. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2991–2998
- [Zhang & Zhou, 2012] Zhang, L. & Zhou, C. (2012). Self organized parallel genetic algorithm to automatically realize diversified convergence. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 719–727
- [Zhang et al., 2012e] Zhang, W., Feng, X., Zhang, Y., & Xiong, X. (2012e). Information diffusion and its impacts on artificial stock markets in learning process. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1146–1151
- [Zhang & Yen, 2012] Zhang, W. & Yen, G. (2012). Immune-inspired evolutionary algorithm for constrained optimization. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1695–1702
- [Zhang & Luo, 2012] Zhang, X. & Luo, W. (2012). Evolutionary repair for evolutionary design of combinational logic circuits. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1473–1480
- [Zhang & Yuen, 2012] Zhang, X. & Yuen, S. Y. (2012). Opposition-based adaptive differential evolution. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1843–1850
- [Zhang et al., 2012f] Zhang, X., Zhang, E., & Li, R. (2012f). Optimized feature extraction by immune clonal selection algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2681–2686
- [Zhang et al., 2012g] Zhang, Z., Seah, H. S., & Sun, J. (2012g). A hybrid particle swarm optimization with cooperative method for multi-object tracking. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 1624–1629
- [Zhao & Suganthan, 2012] Zhao, S.-Z. & Suganthan, P. N. (2012). Comprehensive comparison of convergence performance of optimization algorithms based on nonparametric statistical tests. Proceedings of the 2012 IEEE Congress on Evolutionary Computation, 2861–2867

- [Zhou et al., 2012] Zhou, A., Zhang, Q., & Zhang, G. (2012). A multiobjective evolutionary algorithm based on decomposition and probability model. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 3129–3136
- [Zhu et al., 2012a] Zhu, L., Cao, L., & Yang, J. (2012a). Multiobjective evolutionary algorithm-based soft subspace clustering. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2837–2844
- [Zhu et al., 2012b] Zhu, Z., Liu, W., Ji, Z., & He, S. (2012b). Memetic clustering based on particle swarm optimizer and k-means. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2905–2910
- [Zulvia et al., 2012] Zulvia, F. E., Kuo, R., & Hu, T.-L. (2012). Solving CVRP with time window, fuzzy travel time and demand via a hybrid ant colony optimization and genetic algorithm. *Proceedings of the 2012 IEEE Congress on Evolutionary Computation*, 2960–2967