

Table of Contents

Evolutionary Dynamics of Extremal Optimization	1
<i>Stefan Boettcher</i>	
A Variable Neighborhood Descent Search Algorithm for Delay-Constrained Least-Cost Multicast Routing	15
<i>Rong Qu, Ying Xu, and Graham Kendall</i>	
Expeditive Extensions of Evolutionary Bayesian Probabilistic Neural Networks	30
<i>Vasileios L. Georgiou, Sonia Malefaki, Konstantinos E. Parsopoulos, Philipos D. Alevizos, and Michael N. Vrahatis</i>	
New Bounds on the Clique Number of Graphs Based on Spectral Hypergraph Theory	45
<i>Samuel Rota Bulò and Marcello Pelillo</i>	
Beam-ACO Based on Stochastic Sampling: A Case Study on the TSP with Time Windows	59
<i>Manuel López-Ibáñez and Christian Blum</i>	
Flexible Stochastic Local Search for Haplotype Inference	74
<i>Luca Di Gaspero and Andrea Roli</i>	
A Knowledge Discovery Approach to Understanding Relationships between Scheduling Problem Structure and Heuristic Performance	89
<i>Kate A. Smith-Miles, Ross J.W. James, John W. Giffin, and Yiqing Tu</i>	
Fitness Landscape Analysis for the Resource Constrained Project Scheduling Problem	104
<i>Jens Czogalla and Andreas Fink</i>	
An ACO-Based Reactive Framework for Ant Colony Optimization: First Experiments on Constraint Satisfaction Problems	119
<i>Madjid Khichane, Patrick Albert, and Christine Solnon</i>	
Selection of Heuristics for the Job-Shop Scheduling Problem Based on the Prediction of Gaps in Machines	134
<i>Pedro Abreu, Carlos Soares, and Jorge M.S. Valente</i>	
Position-Guided Tabu Search Algorithm for the Graph Coloring Problem	148
<i>Daniel Cosmin Porumbel, Jin-Kao Hao, and Pascale Kuntz</i>	

Corridor Selection and Fine Tuning for the Corridor Method	163
<i>Marco Caserta and Stefan Voß</i>	
Dynamic Multi-Armed Bandits and Extreme Value-Based Rewards for Adaptive Operator Selection in Evolutionary Algorithms	176
<i>Álvaro Fialho, Luis Da Costa, Marc Schoenauer, and Michèle Sebag</i>	
Comparison of Coarsening Schemes for Multilevel Graph Partitioning . . .	191
<i>Cédric Chevalier and Ilya Safro</i>	
Cooperative Strategies and Reactive Search: A Hybrid Model Proposal	206
<i>Antonio D. Masegosa, Franco Mascia, David Pelta, and Mauro Brunato</i>	
Study of the Influence of the Local Search Method in Memetic Algorithms for Large Scale Continuous Optimization Problems	221
<i>Daniel Molina, Manuel Lozano, and Francisco Herrera</i>	
 MALIOB Workshop Papers	
Neural Network Pairwise Interaction Fields for Protein Model Quality Assessment	235
<i>Alberto J.M. Martin, Alessandro Vullo, and Gianluca Pollastri</i>	
A Graph-Based Semi-supervised Algorithm for Protein Function Prediction from Interaction Maps	249
<i>Valerio Freschi</i>	
Substitution Matrices and Mutual Information Approaches to Modeling Evolution	259
<i>Stephan Kitchovitch, Yuedong Song, Richard van der Wath, and Pietro Liò</i>	
Author Index	273