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Guohui Lin (Ed.)

# Combinatorial Optimization and Applications

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# Preface

This volume contains the papers presented at COCOA 2012: The 6th Annual International Conference on Combinatorial Optimization and Applications, held during August 5–9, 2012, in Banff, Alberta, Canada.

COCOA provides an annual forum for researchers working in the areas of combinatorial optimization and its applications. In addition to theoretical results, the conference is particularly focused on recent works on experimental and applied research of general algorithmic interest. Past COCOA conferences were held in Xi'an, China (2007), Newfoundland, Canada (2008), Huangshan, China (2009), Hawaii, USA (2010), and Zhangjiajie, China (2011).

There were 57 high-quality submissions. Using EasyChair, each submission was reviewed by at least 2, and on average 3.5, Program Committee members. The committee decided to accept 33 papers. The program also included one invited talk and one keynote talk. COCOA 2012 also organized a post-conference workshop on computational biology.

We wish to thank the authors for submitting their papers to the conference. We are grateful to the members of the Program Committee and the external referees for their work within demanding time constraints. We would like to thank the Alberta Innovates Technology Futures and the University of Alberta for their funding support. Members of the Omics Research Group in the Department of Computing Science at the University of Alberta, including Yi Shi, Ronghong Li, Yining Wang and Weitian Tong, were extremely helpful on the organizing side. Without their service, this conference would not have been successful.

August 2012

Guohui Lin

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# Table of Contents

Load-Balanced Virtual Backbone Construction for Wireless Sensor Networks .....	1
<i>Jing (Selena) He, Shouling Ji, Yi Pan, and Zhipeng Cai</i>	
Maximum Matching in Multi-Interface Networks .....	13
<i>Adrian Kosowski, Alfredo Navarra, Dominik Pajak, and Cristina M. Pinotti</i>	
Stretch Factor in Wireless Sensor Networks with Directional Antennae .....	25
<i>Evangelos Kranakis, Fraser MacQuarrie, and Oscar Morales-Ponce</i>	
On the Minimum Diameter Cost-Constrained Steiner Tree Problem ....	37
<i>Wei Ding and Guoliang Xue</i>	
The Edge-Centered Surface Area of the Arrangement Graph.....	49
<i>Eddie Cheng, Ke Qiu, and Zhizhang Shen</i>	
On Zero Forcing Number of Permutation Graphs.....	61
<i>Eunjeong Yi</i>	
Complexity Results for the Empire Problem in Collection of Stars.....	73
<i>Basile Couetoux, Jérôme Monnot, and Sonia Toubaline</i>	
Hamiltonian Paths and Cycles in Planar Graphs .....	83
<i>Sudip Biswas, Stephane Durocher, Debajyoti Mondal, and Rahnuma Islam Nishat</i>	
Feedback Vertex Sets on Tree Convex Bipartite Graphs .....	95
<i>Chaoyi Wang, Tian Liu, Wei Jiang, and Ke Xu</i>	
Crossing Angles of Geometric Graphs.....	103
<i>Karin Arikushi and Csaba D. Tóth</i>	
Multicut on Graphs of Bounded Clique-Width .....	115
<i>Martin Lackner, Reinhard Pichler, Stefan Rümmele, and Stefan Woltran</i>	
Radiation Hybrid Map Construction Problem Parameterized .....	127
<i>Chihao Zhang, Haitao Jiang, and Binhai Zhu</i>	
On the Central Path Problem .....	138
<i>Yongding Zhu and Jinhui Xu</i>	

On the Generalized Multiway Cut in Trees Problem . . . . .	151
<i>Hong Liu and Peng Zhang</i>	
Algorithms for Forest Local Similarity . . . . .	163
<i>Zhewei Liang and Kaizhong Zhang</i>	
Speedup of RNA Pseudoknotted Secondary Structure Recurrence Computation with the Four-Russians Method . . . . .	176
<i>Yelena Frid and Dan Gusfield</i>	
An Improved Approximation Algorithm for the Bandpass-2 Problem . . .	188
<i>Zhi-Zhong Chen and Lusheng Wang</i>	
The $b$ -Matching Problem in Hypergraphs: Hardness and Approximability . . . . .	200
<i>Mourad El Ouali and Gerold Jäger</i>	
Resource Scheduling with Supply Constraint and Linear Cost . . . . .	212
<i>Qiang Zhang, Weiwei Wu, and Minming Li</i>	
On Certain Geometric Properties of the Yao-Yao Graphs . . . . .	223
<i>Iyad A. Kanj and Ge Xia</i>	
Distance- $d$ Independent Set Problems for Bipartite and Chordal Graphs . . . . .	234
<i>Hiroshi Eto, Fengrui Guo, and Eiji Miyano</i>	
Domatic Partition on Several Classes of Graphs . . . . .	245
<i>Sheung-Hung Poon, William Chung-Kung Yen, and Chin-Ting Ung</i>	
Online Bottleneck Matching . . . . .	257
<i>Barbara M. Anthony and Christine Chung</i>	
Streaming with Minimum Space: An Algorithm for Covering by Two Congruent Balls . . . . .	269
<i>Chung Keung Poon and Binhai Zhu</i>	
Online Joint Pricing and Booking Policies in Airline Revenue Management . . . . .	281
<i>Guanqun Ni and Yinfeng Xu</i>	
Minimizing Total Weighted Completion Time with Unexpected Machine Unavailability . . . . .	291
<i>Yumei Huo, Boris Reznichenko, and Hairong Zhao</i>	
Characterizing Mechanisms in Obnoxious Facility Game . . . . .	301
<i>Ken Ibara and Hiroshi Nagamochi</i>	
Efficiency of Dual Equilibria in Selfish Task Allocation to Selfish Machines . . . . .	312
<i>Xujin Chen, Xiaodong Hu, Weidong Ma, and Changjun Wang</i>	



Fast-Mixed Searching on Graphs . . . . .	324
<i>Boting Yang</i>	
Inapproximability after Uniqueness Phase Transition in Two-Spin Systems . . . . .	336
<i>Jin-Yi Cai, Xi Chen, Heng Guo, and Pinyan Lu</i>	
Dynamic Programming for a Biobjective Search Problem in a Line . . . . .	348
<i>Luís Paquete, Mathias Jaschob, Kathrin Klamroth, and Jochen Gorski</i>	
Characterizing Graphs of Small Carving-Width . . . . .	360
<i>Rémy Belmonte, Pim van 't Hof, Marcin Kamiński, Daniël Paulusma, and Dimitrios M. Thilikos</i>	
Solving the Connected Dominating Set Problem and Power Dominating Set Problem by Integer Programming . . . . .	371
<i>Neng Fan and Jean-Paul Watson</i>	
Measuring Structural Similarities of Graphs in Linear Time . . . . .	384
<i>Zheng Fang, You Li, and Jie Wang</i>	
<b>Author Index</b> . . . . .	397