

Contents

Robot Planning

The Multi-source Beachcombers' Problem	3
<i>Jurek Czyzowicz, Leszek Gąsieniec, Konstantinos Georgiou, Evangelos Kranakis, and Fraser MacQuarrie</i>	
Multi-Robot Foremost Coverage of Time-Varying Graphs	22
<i>Eric Aaron, Danny Krizanc, and Elliot Meyerson</i>	
Strategies for Parallel Unaware Cleaners	39
<i>Christian Ortolf and Christian Schindelhauer</i>	
Minimum-Traveled-Distance Gathering of Oblivious Robots over Given Meeting Points	57
<i>Serafino Cicerone, Gabriele Di Stefano, and Alfredo Navarra</i>	

Algorithms and Data Structures on Graphs

Fast Rendezvous with Advice	75
<i>Avery Miller and Andrzej Pelc</i>	
Computing the Dynamic Diameter of Non-Deterministic Dynamic Networks is Hard	88
<i>Emmanuel Godard and Dorian Mazauric</i>	
Improved Spanners in Networks with Symmetric Directional Antennas	103
<i>Stefan Dobrev and Milan Plžík</i>	

Wireless Networks

Exploiting Geometry in the SINR _k Model	125
<i>Rom Aschner, Gui Citovsky, and Matthew J. Katz</i>	
Interference Minimization in Asymmetric Sensor Networks	136
<i>Yves Brise, Kevin Buchin, Dustin Eversmann, Michael Hoffmann, and Wolfgang Mulzer</i>	
Minimum Latency Aggregation Scheduling in Wireless Sensor Networks.	152
<i>Jonathan Gagnon and Lata Narayanan</i>	

Author Index	169
------------------------	-----

Algorithms for Sensor Systems

10th International Symposium on Algorithms and
Experiments for Sensor Systems, Wireless Networks
and Distributed Robotics, ALGOSENSORS 2014,
Wroclaw, Poland, September 12, 2014, Revised
Selected Papers

Gao, J.; Efrat, A.; Fekete, S.P.; Zhang, Y. (Eds.)

2015, XI, 169 p. 43 illus., Softcover

ISBN: 978-3-662-46017-7