## Contents

Multi-message Broadcast in Dynamic Radio Networks. .......................... 1  
Mohamad Ahmadi and Fabian Kuhn

Global Synchronization and Consensus Using Beeps in a Fault-Prone MAC ... 16  
Kokouvi Hounkanli, Avery Miller, and Andrzej Pelc

Vertex Coloring with Communication and Local Memory Constraints  
in Synchronous Broadcast Networks ............................................. 29  
Hicham Lakhlef, Michel Raynal, and François Taïani

A New Kind of Selectors and Their Applications to Conflict Resolution  
in Wireless Multichannels Networks ............................................. 45  
Annalisa De Bonis and Ugo Vaccaro

The Impact of the Gabriel Subgraph of the Visibility Graph  
on the Gathering of Mobile Autonomous Robots ............................. 62  
Shouwei Li, Friedhelm Meyer auf der Heide, and Pavel Podlipyan

Search-and-Fetch with One Robot on a Disk (Track: Wireless  
and Geometry) ........................................................................... 80  
Konstantinos Georgiou, George Karakostas, and Evangelos Kranakis

A 2-Approximation Algorithm for Barrier Coverage by Weighted  
Non-uniform Sensors on a Line .................................................... 95  
Robert Benkoczi, Daya Ram Gaur, and Mark Thom

Flexible Cell Selection in Cellular Networks ................................. 112  
Dror Rawitz and Ariella Voloshin

The Euclidean $k$-Supplier Problem in $\mathbb{R}^2$ ............................ 129  
Manjanna Basappa, Ramesh K. Jallu, Gautam K. Das,  
and Subhas C. Nandy

Author Index ............................................................................ 141
Algorithms for Sensor Systems
12th International Symposium on Algorithms and
Experiments for Wireless Sensor Networks,
ALGOSENSORS 2016, Aarhus, Denmark, August 25-26,
2016, Revised Selected Papers
Chrobak, M.; Fernández Anta, A.; Gąsieniec, L.; Klasing, R. (Eds.)
2017, XI, 141 p. 15 illus., Softcover
ISBN: 978-3-319-53057-4