

Algorithms for Sensor Systems

Table of contents (8 chapters)

- [Introduction](#)
- Front Matter

Pages I-XI

[PDF](#)

-
- [Multi-message Broadcast in Dynamic Radio Networks](#)
-

Mohamad Ahmadi, Fabian Kuhn

Pages 1-15

- [Global Synchronization and Consensus Using Beeps in a Fault-Prone MAC](#)
-

Kokouvi Hounkanli, Avery Miller, Andrzej Pelc

Pages 16-28

- [Vertex Coloring with Communication and Local Memory Constraints in Synchronous Broadcast Networks](#)
-

Hicham Lakhlef, Michel Raynal, François Taïani

Pages 29-44

- [A New Kind of Selectors and Their Applications to Conflict Resolution in Wireless Multichannels Networks](#)
-

Annalisa De Bonis, Ugo Vaccaro

Pages 45-61

- [The Impact of the Gabriel Subgraph of the Visibility Graph on the Gathering of Mobile Autonomous Robots](#)
-

Shouwei Li, Friedhelm Meyer auf der Heide, Pavel Podlipyan

Pages 62-79

- [Search-and-Fetch with One Robot on a Disk](#)
-

Konstantinos Georgiou, George Karakostas, Evangelos Kranakis

Pages 80-94

- [A 2-Approximation Algorithm for Barrier Coverage by Weighted Non-uniform Sensors on a Line](#)
-

Robert Benkoczi, Daya Ram Gaur, Mark Thom

Pages 95-111

- [Flexible Cell Selection in Cellular Networks](#)
-

Dror Rawitz, Ariella Voloshin

Pages 112-128

-
- [The Euclidean \$k\$ -Supplier Problem in \$\mathbb{R}^2\$](#)
-

Manjanna Basappa, Ramesh K. Jallu, Gautam K. Das, Subhas C. Nandy
Pages 129-140

- Back Matter
-

Pages 141-141