

1. Record Nr.	UNISA996466421503316
Titolo	Algorithms for Sensor Systems [[electronic resource]] : 15th International Symposium on Algorithms and Experiments for Wireless Sensor Networks, ALGOSENSORS 2019, Munich, Germany, September 12–13, 2019, Revised Selected Papers // edited by Falko Dressler, Christian Scheideler
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-34405-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (VIII, 207 p. 98 illus., 29 illus. in color.)
Collana	Computer Communication Networks and Telecommunications ; ; 11931
Disciplina	005.1
Soggetti	Algorithms Computer organization Artificial intelligence Data structures (Computer science) Software engineering Algorithm Analysis and Problem Complexity Computer Systems Organization and Communication Networks Artificial Intelligence Data Structures and Information Theory Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Mobility Management -- Evacuation of equilateral triangles by mobile agents of limited communication range -- Fast Dispersion of Mobile Robots on Arbitrary Graphs -- Pushing Lines Helps: Ecient Universal Centralised Transformations for Programmable Matter -- Foundations -- Existence of Connected Intersection-Free Subgraphs in Graphs with Redundancy and Coexistence Property -- Vertex-Connectivity for Node Failure Identification in Boolean Network Tomography -- Reception Capacity: Denitions, Game Theory and Hardness -- Wireless Communication -- Collaborative Broadcast in $O(\log \log n)$ Rounds -- Multi-Channel Assignment and Link Scheduling for Prioritized Latency-

Sensitive Applications -- Throughput and Packet Displacements of Dynamic Broadcasting Algorithms -- Faulty Robots -- Chaueuring a Crashed Robot from a Disk -- Optimal Cycle Search Despite the Presence of Faulty Robots. .

Sommario/riassunto

This book constitutes revised selected papers from the 15th International Symposium on Algorithms and Experiments for Wireless Sensor Networks, ALGOSENSORS 2019, held in Munich, Germany, in September 2019. The 11 full papers presented in this volume were carefully reviewed and selected from 16 submissions. ALGOSENSORS is an international symposium dedicated to the algorithmic aspects of wireless networks.
