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Titolo	Algorithmic Aspects of Wireless Sensor Networks [[electronic resource]] : Second International Workshop, ALGOSENSORS 2006, Venice, Italy, July 15, 2006, Revised Selected Papers / / edited by Sotiris Nikolettseas, José D.P. Rolim
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Descrizione fisica	1 online resource (X, 222 p.)
Collana	Computer Communication Networks and Telecommunications ; ; 4240
Disciplina	681/.2
Soggetti	Computer communication systems Algorithms Data structures (Computer science) Computer science—Mathematics Computer Communication Networks Algorithm Analysis and Problem Complexity Data Structures Discrete Mathematics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Regular Papers -- Efficient Training of Sensor Networks -- On the Complexity of Minimizing Interference in Ad-Hoc and Sensor Networks -- A Context Interpretation Based Wireless Sensor Network for the Emergency Preparedness Class of Applications -- Adaptive Initialization Algorithm for Ad Hoc Radio Networks with Carrier Sensing -- Securing Communication Trees in Sensor Networks -- Self-deployment Algorithms for Mobile Sensors on a Ring -- Minimizing Interference of a Wireless Ad-Hoc Network in a Plane -- Self-stabilizing Weight-Based Clustering Algorithm for Ad Hoc Sensor Networks -- Improved Stretch Factor for Bounded-Degree Planar Power Spanners of Wireless Ad-Hoc Networks -- Wireless Communication in Random Geometric Topologies -- Localization Algorithm for Wireless Ad-Hoc Sensor Networks with Traffic Overhead Minimization by Emission Inhibition -- The Threshold

Behaviour of the Fixed Radius Random Graph Model and Applications to
the Key Management Problem of Sensor Networks -- Area Based
Beaconless Reliable Broadcasting in Sensor Networks -- A Flexible
Algorithm for Sensor Network Partitioning and Self-partitioning
Problems -- Computing Bridges, Articulations, and 2-Connected
Components in Wireless Sensor Networks -- Short Papers -- Uniquely
Localizable Networks with Few Anchors -- A Locating Method for
Ubiquitous Robots Based on Wireless Sensor Networks -- Declarative
Resource Naming for Macroprogramming Wireless Networks of
Embedded Systems -- Equalizing Sensor Energy and Maximising Sensor
Network Lifespan Using RETT -- On the Information Flow Required for
Tracking Control in Networks of Mobile Sensing Agents.
