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Collana	Computer Communication Networks and Telecommunications ; ; 9536
Disciplina	681.2
Soggetti	Algorithms Computers Computer communication systems Computer science—Mathematics Artificial intelligence Application software Algorithm Analysis and Problem Complexity Computation by Abstract Devices Computer Communication Networks Mathematics of Computing Artificial Intelligence Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Plane and Planarity Thresholds for Random Geometric Graphs -- Connectivity of a dense mesh of randomly oriented directional antennas under a realistic fading model -- Maintaining Intruder Detection Capability in a Rectangular Domain with Sensors -- The Weakest Oracle for Symmetric Consensus in Population Protocols -- Exact and Approximation Algorithms for Data Mule Scheduling in a Sensor Network -- Limitations of Current Wireless Scheduling

Algorithms -- Deterministic rendezvous with detection using beeps -- Minimizing total sensor movement for barrier coverage by non-uniform sensors on a line -- A comprehensive and lightweight security architecture to secure the IoT throughout the lifecycle of a device based on HIMMO -- Maximizing Throughput in Energy-Harvesting Sensor Nodes -- On verifying and maintaining connectivity of interval temporal networks -- Beachcombing on Strips and Islands -- Radio Aggregation Scheduling -- Gathering of Robots on Meeting-Points -- Mutual Visibility with an Optimal Number of Colors -- Mobile Agents Rendezvous in spite of a Malicious Agent. .

Sommario/riassunto

This book constitutes revised selected papers from the 11th International Symposium on Algorithms and Experiments for Wireless Sensor Networks, ALGOSENSORS 2015, held in Patras, Greece, in September 2015. The 16 full papers presented in this volume were carefully reviewed and selected from 30 submissions. The deal with algorithms analysis and problem complexity; computer communication networks; computation by abstract devices; and mathematics of computing. .
