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	Nota di contenuto	Invited Talks -- Invited Talk I Actuator Nets: Folding, Reconfiguring and Deploying Sensors -- Invited Talk II The Power and Limitations of Simple Algorithms: A Partial Case Study of Greedy Mechanisim Design for Combinatorial Actions -- Sensor Field: A Computational Model -- Near-Optimal Radio Use for Wireless Network Synchronization -- Approximating Barrier Resilience in Wireless Sensor Networks --

Improved Approximation Algorithms for Maximum Lifetime Problems in Wireless Networks -- On Active Attacks on Sensor Network Key Distribution Schemes -- Key Levels and Securing Key Predistribution against Node Captures -- Revisiting DoS Attacks and Privacy in RFID-Enabled Networks -- Link Reversal: How to Play Better to Work Less -- Early Obstacle Detection and Avoidance for All to All Traffic Pattern in Wireless Sensor Networks -- A Note on Uniform Power Connectivity in the SINR Model -- Locating a Black Hole without the Knowledge of Incoming Link -- Energy Efficient Alert in Single-Hop Networks of Extremely Weak Devices -- Brief Announcement: Universal Data Aggregation Trees for Sensor Networks in Low Doubling Metrics -- Brief Announcement on MOGRIBA: Multi-Objective Geographical Routing for Biomedical Applications of WSN -- Routing on Delay Tolerant Sensor Networks -- Better Face Routing Protocols -- Building a Communication Bridge with Mobile Hubs -- Compressing Kinetic Data from Sensor Networks -- Relocation Analysis of Stabilizing MAC Algorithms for Large-Scale Mobile Ad Hoc Networks -- Deterministic Collision Free Communication Despite Continuous Motion -- Self-stabilizing Deterministic Gathering -- Gossiping in Jail -- Complexity and Approximation of a Geometric Local Robot Assignment Problem.

| Sommario/riassunto | This book constitutes the reviewed proceedings of the 5th International Workshop on Algorithmic Aspects of Wireless Sensor Networks, ALGOSENSORS 2009, held in Rhodes, Greece, July 10-11, 2009. The 21 full papers and two brief announcements were carefully selected from 41 submissions. This workshops aimed at bringing together research contributions related to diverse algorithmic and complexity-theoretic aspects of wireless sensor networks. The topics include but are not limited to optimization problems, noise and probability, robots and tours. |