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- Low-Cost VR System Based on Wireless Accelerometer Sensor.- Using Sensor Web to Sharing Data of Ocean Observing Systems.- A Survey on Event Processing for CPS.- MND: An Information of Detected Neighbors Based Multi-channel Neighbor Discovery Protocol for Wireless Sensor Networks.- Research on Network Malicious Code Dendritic Cell Immune Algorithm Based on Fuzzy Weighted Support Vector Machine.- Ant Colony Based Routing Strategy in UAV Delay Tolerant Networks.
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Network -- An Overview on Node Behavior Trust Evaluation in Ad Hoc Network -- Array-Forming Wireless Sensor Network Framework for Target Monitoring and System Scheduling -- A Reliable Congestion Avoidance Protocol for Wireless Sensor Networks -- A Cooperative Routing Algorithm for Maximizing Network Lifetime -- A Dynamic Web Services Selection Algorithm Based on Trust Model for Grid Environment -- A Real-Time Micro-sensor Motion Capture System -- Periodic Data Prediction Algorithm in Wireless Sensor Networks -- Filtering Algorithms for Chirp-Spread-Spectrum Ranging -- A Secure DV-Hop Localization Algorithm Based on Secure Beacon Nodes -- Improvement on Localization Error and Adaptability in DV-Hop Algorithm -- The Chained Mesh-Under Routing (C-MUR) for Improving IPv6 Packet Arrival Rate over Wireless Sensor Networks -- Compressed Sensing Data Fusion of Monitoring Cyanobacteria Bloom-Forming. Research on Data Fault Tolerance Mechanism Based on ECT in Cloud Storage.- Live Migration of Virtual Machines Based on DPDT.- Storage and Management Strategy for Heterogeneous Data Stream Based on Mutation Information.- A Data Gathering Approach for Wireless Sensor Network with Quadrotor-Based Mobile Sink Node.- A Node Design for Intelligent Traffic Monitoring Based on Magnetic Sensor.- A Lightweight RFID Mutual Authentication Protocol with Ownership Transfer.
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Sommario/riassunto

This book constitutes the refereed proceedings of the 6th China Conference on Advances in Wireless Sensor Networks, held in Huangshan, China, in October 2012. The 70 revised full papers were carefully reviewed and selected from 458 submissions. The papers cover a wide range of topics including in the wireless sensor network fields nodes systems, infrastructures, communication protocols, and data management.