<<Mobile Ad-hoc and Se>>

图书基本信息

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内容概要

This book constitutes the refereed proceedings of the First International Conference on Mobile Ad-hoc and Sensor Networks, MSN 2005, held in Wuhan, China in December 2005. The volume also contains 12 papers of the MSN workshop on Modeling and the Security in the Next Generation Mobile Information Systems (MSNG 2005). The 112 revised full papers were carefully reviewed and selected from a total of 512 submissions. The papers address all current topical areas in mobile ad hoc and sensor networks such as network architecture and protocols, software platforms and development tools, self-organization and synchronization, routing and data dissemination, failure resilience and fault isolation, energy management, data, information, and signal processing, security and privacy, network planning, provisioning, and deployment, network modeling and performance evaluation, developments and applications, as well as integration with other systems.

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书籍目录

An Overlapping Communication Protocol Using Improved Time-Slot Leasing for Bluetooth WPANsFull-Duplex Transmission on the Unidirectional Links of High-Rate Wireless PANsServer Supported Routing: A Novel Architecture and Protocol to Support Inter-vehicular CommunicationEnergy-Efficient Aggregate Query Evaluation in Sensor Networks Data Sampling Control and Compression in Sensor Networks Worst and Best Information Exposure Paths in Wireless Sensor NetworksCost Management Based Secure Framework in Mobile Ad Hoc NetworksEfficient and Secure Password Authentication Schemes for Low-Power DevicesImproving IP Address Autoconfiguration Security in MANETs Using Trust ModellingOn-Demand Anycast Routing in Mobile Ad Hoc NetworksMLMH: A Novel Energy Efficient Multicast Routing Algorithm for WANETsZBMRP: A Zone Based Multicast Routing Protocol for Mobile Ad Hoc Networks A Survey of Intelligent Information Processing in Wireless Sensor NetworkMinimum Data Aggregation Time Problem in Wireless Sensor NetworksMobility-Pattern Based Localization Update Algorithms for Mobile Wireless Sensor NetworksAccurate Time Synchronization for Wireless Sensor Networks A Service Discovery Protocol for Mobile Ad Hoc Networks Based on Service Provision Groups and Their Dynamic Reconfiguration Population Estimation for Resource Inventory Applications over Sensor NetworksSegmented Broadcasting and Distributed Caching for Mobile Wireless EnvironmentsRange Adjustment for Broadcast Protocols with a Realistic Radio Transceiver Energy Model in Short-Range Wireless NetworksReliable Gossip-Based Broadcast Protocol in Mobile Ad Hoc NetworksAn Energy Consumption Estimation Model for Disseminating Query in Sensor NetworksEasiSOC: Towards Cheaper and SmallerDeployment Issues in Wireless Sensor Networks......Author Index

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