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Networks -- A Multiple Path Characterization of Ad-Hoc Network Capacity -- Increasing the Resource-Efficiency of the CSMA/CA Protocol in Directional Ad Hoc Networks -- Location Tracking in Mobile Ad Hoc Networks Using Particle Filters -- Biology-Inspired Distributed Consensus in Massively-Deployed Sensor Networks -- A Key Management Scheme for Commodity Sensor Networks -- Playing CSMA/CA Game to Deter Backoff Attacks in Ad Hoc Wireless LANs -- Design of a Hard Real-Time Guarantee Scheme for Dual Ad Hoc Mode IEEE 802.11 WLANs -- Selective Route-Request Scheme for On-demand Routing Protocols in Ad Hoc Networks -- Enhancing the Security of On-demand Routing in Ad Hoc Networks -- DPUMA: A Highly Efficient Multicast Routing Protocol for Mobile Ad Hoc Networks -- Efficient Broadcasting in Self-organizing Multi-hop Wireless Networks -- MIMOMAN: A MIMO MAC Protocol for Ad Hoc Networks -- Reed-Solomon and Hermitian Code-Based Scheduling Protocols for Wireless Ad Hoc Networks -- An Intelligent Sensor Network for Oceanographic Data Acquisition -- Performance Analysis of the Hierarchical Layer Graph for Wireless Networks -- Heuristic Algorithms for Minimum Bandwith Consumption Multicast Routing in Wireless Mesh Networks -- Probability Distributions for Channel Utilisation -- Enhanced Power-Aware Routing for Mobile Ad Hoc Networks -- Message Stability and Reliable Broadcasts in Mobile Ad-Hoc Networks -- A Detection Scheme of Aggregation Point for Directed Diffusion in Wireless Sensor Networks -- Stressing is Better Than Relaxing for Negative Cost Cycle Detection in Networks -- Cache Placement in Sensor Networks Under Update Cost Constraint -- A Service Discovery Protocol with Maximal Area Disjoint Paths for Mobile Ad Hoc Networks -- Erratum -- Erratum.