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WSN -- Application-Specific Protocols -- References -- 4 Hybrid MAC for Emergency Response Wireless Sensor Networks -- Introduction -- Study of Various Existing Hybrid MAC Protocols -- Z-MAC (Zebra MAC) -- P-MAC (Pattern MAC) -- Funneling MAC -- Crankshaft -- RRMAC -- EB-MAC (Event-Based Media Access Control) -- Burst MAC -- i-MAC -- ER-MAC -- References -- Section III Network Layer -- 5 Routing Schemes in Wireless Sensor Networks -- Routing Protocols in WSNs -- Network Structure-Based Routing -- Flat-Based Routing Protocol -- SPIN -- Direct Diffusion -- Rumor Routing -- Stream-Enabled Routing -- Gradient-Based Routing -- Constrained Anisotropic Diffusion Routing -- COUGAR -- Active Query Forwarding in Sensor Network. Hierarchical Network Routing -- Low-Energy Adaptive Cluster Hierarchy -- Power Efficient Gathering in Sensor Information Systems -- Hierarchical Energy Aware Protocol for Routing and Aggregation in Sensor Networks -- Hierarchical Periodic, Event-Driven and Query-Based -- Threshold Sensitive Energy Efficient Sensor Network Protocol -- Small Minimum Energy Communication Network -- Self-Organizing Protocol -- Location-Based Routing -- Geographic Adaptability Fidelity -- Geographic and Energy Aware Routing -- Geographic Distance Routing -- Most Forward within Radius -- Greedy Other Adaptive Face Routing -- Protocol Operation -- Query-Based Routing -- Multi-Path-Based Routing Protocol -- Negotiation-Based Routing -- QoS-Based Routing -- Coherent- and Non-Coherent-Based Routing -- Research Issues with WSN Routing Protocol -- Conclusion -- References -- 6 Routing Schemes in Wireless Multimedia Sensor Networks -- Introduction -- WMSN Routing Protocols -- Classification of WMSN Routing Protocol -- HRT-Based Protocol -- FRT-Based Protocol -- Multi Constraint -- Multipath Multi-SPEED (MMSPEED) -- Distributed Aggregate Routing Algorithm (DARA) -- Real-Time Routing Protocol with Load Distribution (RLTD) -- Latency and Reliability-Aware Geographic Routing (LRGR) -- QoS-Aware Multi-Sink Opportunistic Routing (QMOR) -- Multiconstrained Routing Algorithm (MCRA) -- SI-Based Routing Protocol -- Network-Structure-Based Routing Protocols -- Hierarchical Routing -- Location-Based Routing -- References -- 7 Clustering in Wireless Sensor Networks -- Clustering Objectives -- Explicit or Direct Objectives -- Scalability -- Load Distribution -- Data Aggregation -- Fault Tolerance -- Topology Stabilization -- Network Lifetime Maximization -- Implicit or Indirect Objectives -- Improved Connectivity -- Minimized Routing Delay -- Collision Avoidance -- Sleeping Schemes Utilization. Clustering Characteristics -- Cluster-Specific Characteristics -- Clustering Algorithms -- Enhanced Developed Distributed Energy-Efficient Clustering (EDDEEC) for Heterogeneous WSNs -- Static Clustering Schemes -- An Energy-Efficient Protocol with Static Clustering (EEPSC) for WSNs -- An Enhanced Energy-Efficient Protocol with Static Clustering (E3PSC) for WSNs -- An Energy-Balanced Lifetime Enhancing Clustering (EBLEC) for WSNs -- References -- Section IV Transport Layer -- 8 Transport Layer Caching in Wireless Sensor Networks -- Introduction -- Cache Management -- Insertion Policy of Cache -- Cache Replacement/Elimination Policy -- Cache Size Requirements -- Cache Location -- Cache Decision -- Cache-Based Transport Protocols in WSNs -- Conclusion -- References -- 9 Congestion Control in Wireless Sensor Networks -- Introduction -- Congestion Control Protocols -- Multipath Data Forwarding-Based Congestion Control Protocol -- Traffic Control Protocols -- Resource Constraint Protocol -- Queue-Assisted Protocols -- Priority-Aware Protocols -- Conclusion -- References -- Section V Heterogeneous WIRELESS SENSOR NETWORKS -- 10 Architecture, Advances, and

Challenges -- Network Architecture -- Single-Tier Architecture -- Multi-Tier Architecture -- Advances in HWSN -- 2-Level Energy Heterogeneity -- 3-Level Energy Heterogeneity -- Future Challenges in HWSN -- Design of Smart Self-Organizing and Data Collecting Protocols -- Design of Efficient Data Aggregation Scheme for HWSN -- Design of Hardware for HWSN -- References -- 11 QoS Provisioning at the MAC Layer in Heterogeneous Networks -- Introduction -- MAC Layer -- Quality of Service (QoS) -- Contribution of MAC Layer Toward QoS -- Different QoS-Based Protocols for Heterogeneous Networks -- Conclusion -- Related Work -- References -- Section VI Mobile WIRELESS SENSOR NETWORKS.

12 Mobility in Wireless Sensor Networks -- Architecture -- Characterization of Mobile WSNs -- Mobile Elements -- Movement Type -- Mobility Handling -- Mobility Pattern and Mobility Models -- Mobility Patterns -- Mobility Models -- References -- 13 Localization in Wireless Sensor Networks -- Introduction -- Classification of Localization in WMSNs -- Review Work by Researchers in This Direction -- Classification of Localization Algorithms -- Conclusion -- References -- 14 Coverage and Connectivity in Mobile Wireless Sensor Networks -- Nomenclature -- Static Nodes -- Mobile Nodes -- k-Coverage -- k-Connectivity -- Full/Blanket Coverage -- Target Coverage -- Path/Barrier Coverage -- Static Coverage -- Dynamic Coverage -- Coverage Degree -- Coverage Determination -- Convergence Time -- Coverage Deployment -- Sensing Range -- Communication Range -- Sensing Model -- Disc Sensing Model -- Irregular Sensing Model -- Mobility Models -- Coverage Taxonomy -- -Coverage -- Full Coverage -- Partial Coverage -- Coverage Deployment Strategy -- Dynamic Coverage -- References -- Section VII Fault-Tolerant WIRELESS SENSOR NETWORKS -- 15 Fault Tolerance in Wireless Sensor Networks -- Classification of Faults and Failures in WSNs -- Classification of Sources of Faults -- Hardware Layer -- Node Faults -- Sink Faults -- Network Faults -- Software Layer -- Application Layer -- Classification of Failures -- Omission Failure -- Crash Failure -- Timing Failure -- Value Failure -- Arbitrary Failure -- Fault-Detection Techniques -- Involvement-Based Fault Detection -- Self-Detection -- Group Detection -- Hierarchical Detection -- Approach-Based Fault Detection -- Centralized Approach -- Distributed Approach -- Hybrid Approach -- Classification of Fault-Tolerance Techniques -- Temporal Classification -- Preventive Fault-Tolerant Techniques -- Curative Fault-Tolerant Techniques. Objective-Based Classification -- References -- Section VIII Cross-Layer Optimization -- 16 Cross-Layer Optimizations in Wireless Sensor Networks -- WSN Architecture and Protocol Stack -- Physical Layer -- Data Link Layer -- Network Layer -- Transport Layer -- Application Layer -- Motivation behind the Evolution of CrossLayer Optimization in WSNs -- Cross-Layer Protocols -- Application Layer -- Transport Layer -- Network Layer -- Data Link Layer -- Physical Layer -- End Note -- References -- 17 Cross-Layer Quality of Service Approaches in Wireless Sensor Networks -- QoS Perspectives in WSN -- Application-Specific QoS Perspective -- Network-Specific QoS Perspective -- QoS Challenges in WSN -- Resource Constraints -- Node Deployment -- Dynamic Network Topology -- Data Redundancy -- Traffic Asymmetry -- Scalability -- Energy Efficiency -- Traffic Heterogeneity -- Sink Multiplicity -- High Error Rate -- Extreme Network Environment -- Real-Time Traffic -- Security -- Cross-Layer QoS Approaches in WSN -- Two Layers' Interaction -- Three Layers' Interaction -- Four Layers' Interaction -- References -- 18 Data Aggregation in Wireless Sensor Networks -- Introduction -- Taxonomy of Data Aggregation -- History

of Data Aggregation -- Data Aggregation Techniques -- Architecture of Data Aggregation -- Categorization of Data Aggregation -- Queries in Data Aggregation -- Conclusion -- Related Work -- Parameters Considered for Designing Data Aggregation Techniques -- References -- Section IX Intermittently Connected Delay-Tolerant WIRELESS SENSOR NETWORKS (ICDT-WSNs) -- 19 Data Collection in Sparse Wireless Sensor Networks with Mobile Nodes -- Overview of WSNs with Mobile Elements -- Regular Nodes -- Sink -- Intermediary Nodes -- Mobile Elements -- Relocatable Nodes -- Mobile Sinks -- Mobile Relays -- Mobile Peers -- The Process of Data Collection in WSN-MEs. Discovery.

Sommario/riassunto

This book provides comprehensive coverage of the major aspects in designing, implementing, and deploying wireless sensor networks by discussing present research on WSNs and their applications in various disciplines. It familiarizes readers with the current state of WSNs and how such networks can be improved to achieve effectiveness and efficiency. It starts with a detailed introduction of wireless sensor networks and their applications and proceeds with layered architecture of WSNs. It also addresses prominent issues such as mobility, heterogeneity, fault-tolerance, intermittent connectivity, and cross layer optimization along with a number of existing solutions to stimulate future research.
