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Coding Strategies; 3.2.2 Coded Bidirectional Relaying; 3.2.3 Cooperative Cyclic Diversity; 3.2.4 Fixed-Relay Assisted User Cooperation; 3.2.5 Joint Routing and Resource Partitioning; 3.3 Performance Enhancements for Wireless Mesh Networks; 3.3.1 Scheduling Algorithms for Wireless Backhaul Networks; 3.3.2 Cross-Layer Framework for Wireless Mesh Networks; 3.4 Capacity Enhancements in WPANs; 3.4.1 Parent-Child Communication Model and Its Limitations; 3.4.2 Parent-Child Scheduling Solution; 3.4.3 Capacity Analysis; 3.5 Conclusions
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4.5 Conclusions
References; Chapter 5 Network and Enabling Architectures; 5.1 Introduction; 5.1.1 Seamless Integration of Broadcast; 5.1.2 Mobility Support; 5.1.3 QoS Support; 5.1.4 Security, Privacy, and Trust; 5.1.5 Device Architectures; 5.2 Networking and Enabling Architectures for Personal Networks; 5.2.1 PN Networking Functionalities; 5.2.2 PN Link Layer Functionality; 5.2.3 PN Service Layer Functionality; 5.2.4 PN Context Management Functionality; 5.2.5 Networking Aspects of the PN-F; 5.2.6 PN Interactions with External Service Frameworks; 5.3 Architectures for WSN
5.3.1 Hybrid Hierarchical Architecture

Sommario/riassunto

Based on cutting-edge research projects in the field, this book (part of a comprehensive 4-volume series) provides the latest details and covers the most impactful aspects of mobile, wireless, and broadband communications development. These books present key systems and enabling technologies in a clear and accessible manner, offering you a detailed roadmap the future evolution of next generation communications. Other volumes cover Radio Interfaces; Networks, Services and Applications; and Reconfigurability.
