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Processing; 2.4.1 Multiuser Joint Detection against MAI; 2.4.2 Pilot-Aided CDMA Signal Detection; 2.4.3 Beam-Forming against Co-Channel Interference; 2.5 OSI Reference Model; 2.6 Switching Techniques
2.6.1 Circuit Switching Networks2.6.2 Packet Switching Networks; 2.7 IP-Based Networking; 3 3G Mobile Cellular Technologies; 3.1 CDMA2000; 3.1.1 Operational Advantages; 3.1.2 General Architecture; 3.1.3 Airlink Design; 3.1.4 Data Throughput; 3.1.5 Turbo Coding; 3.1.6 Forward Link; 3.1.7 Scheduling; 3.1.8 Reverse Link; 3.1.9 CDMA2000 1xEV Signaling; 3.1.10 Handoffs; 3.1.11 Summary of CDMA2000 1x-EV; 3.1.12 CDMA2000 1xEV-DO; 3.1.13 CDMA2000 1xEV-DV; 3.2 WCDMA; 3.2.1 History of UMTS WCDMA; 3.2.2 ETSI UMTS versus ARIB WCDMA; 3.2.3 UMTS Cell and Network Structure; 3.2.4 UMTS Radio Interface
3.2.5 UMTS Protocol Stack3.2.6 UTRA Channels; 3.2.7 UTRA Multiplexing and Frame Structure; 3.2.8 Spreading and Carrier Modulations; 3.2.9 Packet Data; 3.2.10 Power Control; 3.2.11 Handovers; 3.3 TD-SCDMA; 3.3.1 Historical Background; 3.3.2 Overview of TD-SCDMA; 3.3.3 Frame Structure; 3.3.4 Smart Antenna; 3.3.5 Adaptive Beam Patterns; 3.3.6 Up-Link Synchronization Control; 3.3.7 Intercell Synchronization; 3.3.8 Baton Handover; 3.3.9 Intercell Dynamic Channel Allocation; 3.3.10 Flexibility in Network Deployment; 3.3.11 Technical Limitations of TD-SCDMA; 3.3.12 Global Impact of TD-SCDMA
4 Wireless Data Networks4.1 IEEE 802.11 Standards for Wireless Networks; 4.1.1 Fundamentals of IEEE 802.11 Standards; 4.1.2 Architecture and Functionality of a MAC Sublayer; 4.1.3 IEEE 802.11 Frequency Hopping Spread Spectrum; 4.1.4 IEEE 802.11 Direct-Sequence Spread Spectrum; 4.1.5 The Reason DSSS Won; 4.1.6 IEEE 802.11 Infrared Specifications; 4.1.7 IEEE 802.11b Supplement to 802.11 Standards; 4.1.8 IEEE 802.11g Standard; 4.2 IEEE 802.11a Supplement to 802.11 Standards; 4.3 IEEE 802.11 Security; 4.3.1 Authentication; 4.3.2 WEP; 4.4 IEEE 802.15 WPAN Standards; 4.4.1 IEEE 802.15.3a Standard
4.4.2 IEEE 802.15.4 Standard

Sommario/riassunto

Next Generation Wireless Systems and Networks offers an expert view of cutting edge Beyond 3rd Generation (B3G) wireless applications. This self-contained reference combines the basics of wireless communications, such as 3G wireless standards, spread spectrum and CDMA systems, with a more advanced level research-oriented approach to B3G communications, eliminating the need to refer to other material. This book will provide readers with the most up-to-date technological developments in wireless communication systems/networks and introduces the major 3G standards, such as W-C