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3.2.3 GSM Radio Aspects3.2.4 Security Aspects; 3.2.5 GSM Protocol Model; 3.2.6 Typical Call Flow Sequences in GSM; 3.2.7 Evolutionary Directions for GSM; 3.3 IS-136: The North American TDMA Digital Cellular Standard (D-AMPS); 3.3.1 Background on North American Digital Cellular; 3.3.2 Service Aspects of D-AMPS (IS-136); 3.3.3 Network Reference Model; 3.3.4 Radio Aspects; 3.3.5 Security Aspects; 3.3.6 Protocol Model and Typical Flow Sequences; 3.3.7 Evolutionary Directions; 3.4 PDC: The Japanese TDMA Digital Cellular Standard; 3.4.1 Radio Aspects of PDC; 3.4.2 Signaling Structure in PDC
3.4.3 PDC Network Configuration3.5 IS-95: The North American CDMA Digital Cellular Standard; 3.5.1 Introduction; 3.5.2 Service Aspects; 3.5.3 Network Reference Model and Security Aspects; 3.5.4 Radio Aspects; 3.5.5 Some Key Features of IS-95 CDMA Systems; 3.5.6 Evolutionary Directions; 3.6 Concluding Remarks; 3.7 References; Chapter 4 Low Power Wireless Communications Systems and North American PCS; 4.1 Background; 4.2 CT2 (Cordless Telephony 2) Systems; 4.2.1 Introduction; 4.2.2 Radio Aspects; 4.2.3 Layer 1 Signaling; 4.2.4 Layer 2 and Layer 3 Signaling
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4.6.2 Frequency Spectrum Allocation for PCS in the United States

Sommario/riassunto

""Raj Pandya, international expert in Universal Personal Telecommunications (UPT), guides you through the past, present, and future of mobile and personal communication systems. Telecommunications professionals and students will find a comprehensive discussion of mobile telephone, data, and multimedia services, and how the evolution toward next-generation systems will shape tomorrow s mobile communications industry.A broad systems overview combined with carefully selected technical details give you a clear understanding of the basic technology, architecture, and applications associated