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6.8 Site-Specific Statistical ModelAppendix 6A: GSM-Recommended Multipath Propagation Models; Appendix 6B: Wideband Multipath Propagation Models; Questions; Problems; Projects; PART III MODEM DESIGN; 7 Narrowband Modem Technology; 7.1 Introduction; 7.2 Basic Modulation Techniques; 7.3 Theoretical Limits and Practical Impairments; 7.4 Traditional Modems for Wide-Area Wireless Networks; 7.5 Other Aspects of Modem Implementation; Questions; Problems; Projects; 8 Fading, Diversity, and Coding; 8.1 Introduction; 8.2 Radio Communication on Flat Rayleigh Fading Channels; 8.3 Diversity Combining
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10 Spread-Spectrum and CDMA Technology

Sommario/riassunto

Towards location aware mobile ad hoc sensorsA Systems Engineering Approach to Wireless Information NetworksThe Second Edition of this internationally respected textbook brings readers fully up to date with the myriad of developments in wireless communications. When first published in 1995, wireless communications was synonymous with cellular telephones. Now wireless information networks are the most important technology in all branches of telecommunications. Readers can learn about the latest applications in such areas as ad hoc sensor networks, home networking, and wireless po