1. Record Nr. UNINA9910453663403321 RF & wireless technologies [[electronic resource] /] / Bruce Fette ... [et **Titolo** al.1 Pubbl/distr/stampa Amsterdam;; Boston,: Newnes/Elsevier, c2008 **ISBN** 1-281-78995-X 9786611789954 0-08-094258-X Descrizione fisica 1 online resource (848 p.) Collana Newnes know it all series Altri autori (Persone) FetteBruce Alan Disciplina 621.382 22 621.384 Soggetti Wireless communication systems Radio frequency Mobile communication systems Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Front Cover; RF & Wireless Technologies; Copyright Page; Contents; Nota di contenuto About the Authors; Chapter 1: A Survey of RF and Wireless Technology; 1.1 A Short History of Wireless Communication; 1.2 Where We Are; 1.3 Conclusion; 1.4 References; Chapter 2: Communication Protocols and Modulation; 2.1 Baseband Data Format and Protocol; 2.2 Baseband Coding; 2.3 RF Frequency and Bandwidth; 2.4 Modulation; 2.5 RFID; 2.6 Summary: 2.7 References: Chapter 3: Transmitters: 3.1 RF Source: 3.2 Modulation; 3.3 Amplifiers; 3.4 Filtering; 3.5 Antenna; 3.6 Summary; 3.7 References: Chapter 4: Receivers 4.1 Tuned Radio Frequency 4.2 Superregenerative Receiver; 4.3 Superheterodyne Receiver: 4.4 Direct Conversion Receiver: 4.5 Digital Receivers; 4.6 Repeaters; 4.7 Summary; 4.8 Reference; Chapter 5: Radio Propagation; 5.1 Mechanisms of Radio Wave Propagation; 5.2 Open Field Propagation; 5.3 Diffraction; 5.4 Scattering; 5.5 Path Loss; 5.6 Multipath Phenomena; 5.7 Flat Fading; 5.8 Diversity Techniques; 5.9 Noise; 5.10 Summary; 5.11 References; Chapter 6: Antenna

Fundamentals I; 6.1 Electromagnetic Waves; Example 6.1 A Quarter-

Wave Matching System; 6.2 Polarization; 6.3 The Short Dipole Example 6.2 Dipole Input Impedance and Efficiency 6.4 The Small Loop: Example 6.3 Loop Impedance and Efficiency; 6.5 Directionality, Efficiency, and Gain; 6.6 References; Chapter 7: Antenna Fundamentals II; 7.1 Bandwidth and Quality Factor, Q; Example 7.1 Effects of Coil Q and Loading; Example 7.2 SWR Bandwidth of a Lumped-Element Resonator: Example 7.3 Parallel-Tuned Loop SWR Bandwidth: 7.2 Impedance Matching and System Efficiency; Example 7.4 L-Section Matching; Example 7.5 Matching the Series-Tuned Loop; 7.3 Reception; 7.4 Ground Effects; Example 7.6 Field Plots for the Horizontal Dipole 7.5 Improvements 7.6 References; Chapter 8: Basics of Wireless Local Area Networks; 8.1: Networks Large and Small; 8.2: WLANs from LANs; 8.3: 802.11 WLANs; 8.4: HiperLAN and HiperLAN 2; 8.5: From LANs to PANs: 8.6: Capsule Summary; 8.7: Further Reading; WEP Attacks; Bluetooth; Trellis-Coded Modulations; Standards; Chapter 9: Outdoor Networks: 9.1 Neither Snow nor Rain nor Heat nor Gloom of Night...: 9.2 Line-of-Sight Sites; 9.3 Outdoor Coverage Networks; 9.4 Point-to-Multipoint Networks; 9.5 Point-to-Point Bridges; 9.6 Long Unlicensed Links; 9.7 Safety Tips; 9.8 Capsule Summary 9.9 Further Reading Chapter 10: Voice Over Wi-Fi and Other Wireless Technologies; 10.1 Introduction; 10.2 Ongoing 802.11 Standard Work; 10.3 Wi-Fi and Cellular Networks; 10.4 WiMax; 10.5 VoWi-Fi and Bluetooth: 10.6 VoWi-Fi and DECT: 10.7 VoWi-Fi and Other Ongoing 802.x Wireless Projects; 10.8 Conclusion; 10.9 References; Chapter 11: Security in Wireless Local Area Networks; 11.1 Introduction; 11.2 Key Establishment in 802.11; 11.3 Anonymity in 802.11; 11.4 Authentication in 802.11; 11.5 Confidentiality in 802.11; 11.6 Data Integrity in 802.11; 11.7 Loopholes in 802.11 Security; 11.8 WPA 11.9 WPA2 (802.11i)

Sommario/riassunto

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