1. Record Nr. UNINA9910877639803321 Autore Esmailzadeh Riaz **Titolo** Broadband wireless communications business: an introduction to the costs and benefits of new technologies / / Riaz Esmailzadeh Hoboken, NJ,: John Wiley & Sons, c2006 Pubbl/distr/stampa **ISBN** 1-280-73953-3 9786610739530 0-470-02850-5 0-470-02849-1 Descrizione fisica 1 online resource (250 p.) Disciplina 338.76213845 384.3 621.384 Information technology - Economic aspects Soggetti Telecommunication - Economic aspects Broadband communication systems Wireless communication systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Broadband Wireless Communications Business; Contents; List of Figures; List of Tables; Preface; Acknowledgements; 1 Background; 1.1 Fixed-line Data Communications; 1.2 Mobile Communications; 1.3 Wireless Data Communications: 1.4 Broadband Wireless: 1.4.1 Edholm's Law; 1.5 Duplex Modes; 1.6 Voice to Data; 1.6.1 Voice-over internet protocol; 1.7 Traffic Profiles; 1.8 Access Technologies; 1.8.1 Frequency division multiple access; 1.8.2 Time division multiple access; 1.8.3 Code division multiple access; 1.8.4 Channel sense multiple access; 1.9 **Telecommunications Operator Business** 1.9.1 From pipe to content provider 1.9.2 Flat rate; Further Reading; 2 Wireless Communications; 2.1 Signal Fading; 2.1.1 Why fading?; 2.2 Modulation; 2.2.1 Signal constellation; 2.3 Equalisation; 2.3.1 Time domain equalisation; 2.3.2 Frequency domain equalisation; 2.3.3 Code/multi-user domain equalisation; 2.4 Single Carrier and Multi

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Sommario/riassunto

With the emergence of broadband wireless communication systems, new business opportunities have appeared for operators, content provides, and manufacturers. Broadband wireless communications technologies promise the freedom of constant access to the Internet at high speeds, without the limitation of connection cables. Broadband Wireless Communications Business provides comprehensive coverage of the present status and future evolution of these technologies, giving vital practical cost and benefit advice on design, construction and implementation. The author focuses on the costs