1. Record Nr. UNINA9911019152503321

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Titolo	Adaptive WCDMA : theory and practice / / Savo G. Glisic
Pubbl/distr/stampa	New York, : John Wiley & Sons, c2003
ISBN	9786610271092 9781280271090 1280271094 9780470299418 047029941X 9780470859254 0470859253 9780470861868 047086186X
Descrizione fisica	1 online resource (630 p.)
Disciplina	621.3845/6
Soggetti	Code division multiple access
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Adaptive WCDMA; Contents; Preface; 1 Fundamentals; 1.1 Adaptive Communications and the Book Layout; 1.2 Spread Spectrum Fundamentals; 1.3 Theory versus Practice; References; 2 Pseudorandom sequences; 2.1 Properties of Binary Shift Register Sequences; 2.2 Properties of Binary Maximal-Length Sequence; 2.3 Sets of Binary Sequences with Small Cross-Correlation Maximal Connected Sets of m-Sequences; 2.4 Gold Sequences; 2.5 Goldlike and Dual-BCH Sequences; 2.6 Kasami Sequences; 2.7 JPL Sequences; 2.8 Kroncker Sequences; 2.9 Walsh Functions; 2.10 Optimum PN Sequences 2.11 Theory and Practice of PN Codes2.12 PN Matched Filter; Symbols; References; 3 Code acquisition; 3.1 Optimum Solution; 3.2 Practical Solutions; 3.3 Code Acquisition Analysis; 3.4 Code Acquisition in CDMA Network; 3.5 Modeling of the Serial Code Acquisition Process for RAKE Receivers in CDMA Wireless Networks with Multipath and Transmitter Diversity; 3.6 Two-Dimensional Code Acquisition in Spatially and

Temporarily White Noise; 3.7 Two-Dimensional Code Acquisition in Environments with Spatially Nonuniform Distribution of Interference; 3.8 Cell Search in W-CDMA; References; 4 Code tracking
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8.3 Impact of Imperfect Power Control8.4 Channel Modeling in CDMA Networks; 8.5 RAKE Receiver; 8.6 CDMA Cellular System with Adaptive Interference Cancellation; 8.7 Diversity Handover in DS-CDMA Cellular Systems; Symbols; References; 9 CDMA network design; 9.1 Basic System Design Philosophy; 9.2 CDMA Network Planning; 9.3 Spectral Efficiency of WCDMA; Symbols; References; 10 Resource management and access control; 10.1 Power Control and Resource Management for a Multimedia CDMA Wireless System; 10.2 Access Control of Data in Integrated Voice/Data in CDMA Systems
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Sommario/riassunto

CDMA (Code Division Multiple Access) is one type of multiple access system used in radio communication. Other multiple access methods include TDMA, FDMA, etc. WCDMA (Wideband Code Division Multiple Access) is the main air interface used for third generation mobile communication systems - UMTS (Universal Mobile Telecommunication System) and is characterised by a wider band than CDMA.WCDMA uses a wider radio band than CDMA, which was used for 2G systems, and has a high transfer rate and increased system capacity and communication quality by statistical multiplexing, etc. WCDMA efficientl