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| Autore                  | Yang Samuel C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| ISBN                    | 1-58053-758-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Descrizione fisica      | 1 online resource (278 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | Artech House mobile communications series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Disciplina              | 621.3845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Soggetti                | Wireless communication systems<br>Code division multiple access<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Nota di contenuto       | 3G CDMA2000 Wireless System Engineering; Contents vii; Preface xiii; Acknowledgments xvii; Chapter 1 Introduction to 3G CDMA 1; Chapter 2 Physical Layer: Forward Link 11; Chapter 3 Physical Layer: Reverse Link 37; Chapter 4 Medium Access Control 55; Chapter 5 Signaling Link Access Control 71; Chapter 6 Signaling: Upper Layers 85; Chapter 7 Power Control 107; Chapter 8 Handoff 123; Chapter 9 System Performance 141; Chapter 10 System Design: Coverage 159; Chapter 11 System Design: Capacity 171; Chapter 12 Network Architecture 187; Chapter 13 1xEV-DO Network 199<br>Chapter 14 1xEV-DO Radio Interface: Forward Link 213Chapter 15 1xEV-DO Radio Interface: Reverse Link 227; About the Author 241; Index 243 |
| Sommario/riassunto      | Breaking down complex technology into easy-to-understand concepts, this hands-on, system-level resource offers you expert guidance in designing, optimizing, and operating a CDMA2000 wireless network. The book focuses on the development and understanding of practical engineering knowledge that can be readily and immediately applied to your work in the field, but also provides you with the theory you need to understand to effectively engineer 3G spread-spectrum digital networks.                                                                                                                                                                                                                                  |

