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Nota di contenuto	Front cover; Contents; Preface; About the Editors; List of Contributors; Chapter 1. TD-SCDMA HSDPA/HSUPA: Principles, Technologies, and Performance; Chapter 2. Receiver Designs and Multi-User Extensions to MIMO HSDPA; Chapter 3. Advanced Receivers for MIMO HSDPA; Chapter 4. Interference Cancellation in HSDPA Terminals; Chapter 5. Packet Scheduling Principles and Algorithms for Downlink; Chapter 6. Packet Scheduling and Buffer Management in HSDPA; Chapter 7. HSPA Radio Access Network Design; Chapter 8. Automated Optimization in HSPA Radio Network Planning Chapter 9. HSPA Transport Network Layer Congestion ControlChapter 10. Performance Evaluation of HSDPA/HSUPA Systems; Chapter 11. MIMO HSDPA Throughput Measurement Results; Chapter 12. HSDPA Indoor Planning; Chapter 13. Dimensioning HSPA Networks: Principles, Methodology, and Applications; Keywords and Glossary; Index; Back cover
Sommario/riassunto	High Speed Packet Access (HSPA) is a collection of two mobile telephony protocols, High Speed Downlink Packet Access (HSDPA) and High Speed Uplink Packet Access (HSUPA). Allowing networks based on the Universal Mobile Telecommunications System to achieve data rates of several megabits per second, these powerful protocols are ideal for

applications ranging from file transfer to multimedia streaming. From basic concepts to research grade material, the HSDPA/HSUPA Handbook provides technical information on all aspects of HSDPA/HSUPA. With contributions from 30 exp
