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Nota di contenuto	GSM, GPRS AND EDGE Performance; Contents; Acknowledgements; Foreword; Introduction; Abbreviations; Part 1 GERAN Evolution; 1 GSM/EDGE Standards Evolution (up to Rel'4); 1.1 Standardisation of GSM-Phased Approach; 1.1.1 GSM/TDMA Convergence through EDGE; 1.1.2 GERAN Standardisation in 3GPP; 1.2 Circuit-switched Services in GSM; 1.2.1 Adaptive Multi-rate Codec (AMR); 1.2.2 High Speech Circuit-switched Data (HSCSD); 1.3 Location Services; 1.3.1 LCS Standardisation Process; 1.4 General Packet Radio System (GPRS); 1.4.1 Introduction of GPRS (Rel'97); 1.4.2 GPRS Network Architecture 1.4.3 GPRS Interfaces and Reference Points1.4.4 GPRS Protocol Architecture; 1.4.5 Mobility Management; 1.4.6 PDP Context Functions and Addresses; 1.4.7 Security; 1.4.8 Location Management; 1.4.9 GPRS Radio Interface; 1.5 EDGE Rel'99; 1.5.1 8-PSK Modulation in GSM/EDGE Standard; 1.5.2 Enhanced General Packet Radio Service (EGPRS); 1.5.3

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Sommario/riassunto

GSM, GPRS and EDGE Performance - Second Edition provides a complete overview of the entire GSM system. GSM (Global System for Mobile Communications) is the digital transmission technique widely adopted in Europe and supported in North America. It features comprehensive descriptions of GSM's main evolutionary milestones - GPRS, (General Packet Radio Services) is a packet-based wireless communication service that promises data rates from 56 up to 114 Kbps and continuous connection to the Internet for mobile phone and computer users. AMR and EDGE (Enhanced Data GSM Environment), and such develop

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