



GSM, GPRS, and Edge Performance: Evolution Towards 3G/UMTS (2nd Revised edition)

By Timo Halonen, Javier Romero, Juan Melero

John Wiley and Sons Ltd. Hardback. Book Condition: new. BRAND NEW, GSM, GPRS, and Edge Performance: Evolution Towards 3G/UMTS (2nd Revised edition), Timo Halonen, Javier Romero, Juan Melero, 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 developments have now positioned GERAN (GSM/EDGE Radio Access Network) as a full 3G radio standard. The radio network performance and capabilities of GSM, GPRS, AMR and EDGE solutions are studied in--depth by using revealing simulations and field trials. Cellular operators must now roll out new 3G technologies capable of delivering wireless Internet based multimedia services in a competitive and cost--effective way and this volume, divided into three parts, helps to explain how: 1. Provides an introduction to the complete evolution of GSM towards...



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