GSM, GPRS and EDGE Performance: Evolution Towards 3G/UMTS

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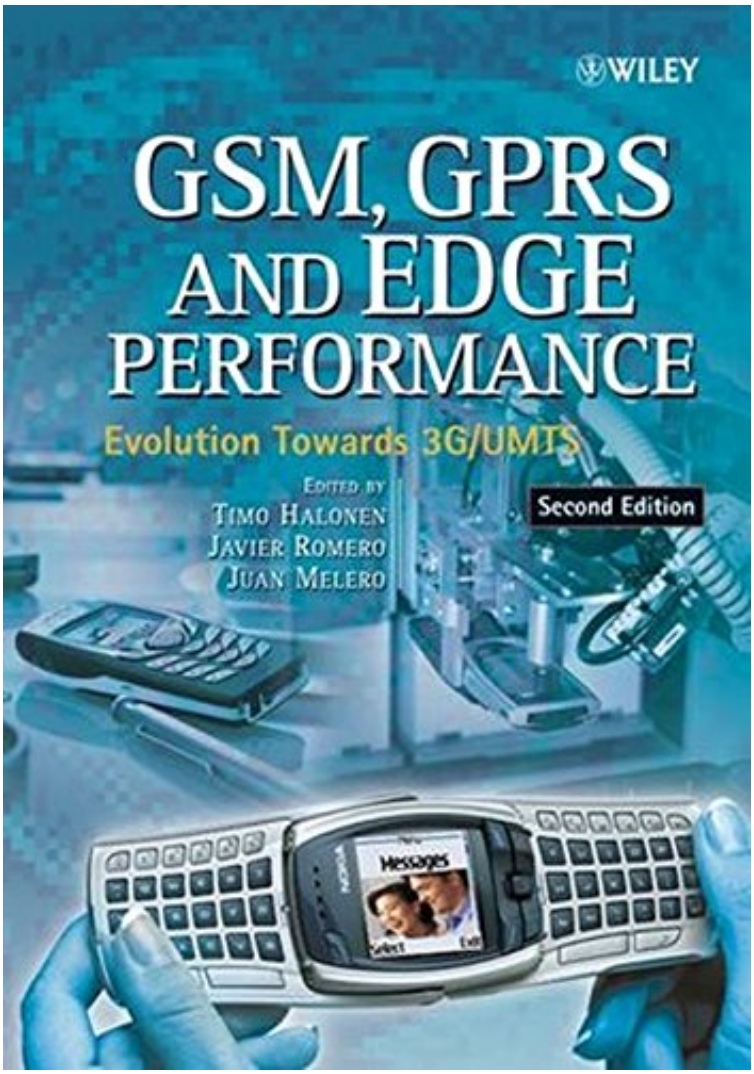

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From Wiley : GSM, GPRS and EDGE Performance: Evolution Towards 3G/UMTS before purchasing it in order to gage whether or not it would be worth my time, and all praised GSM, GPRS and EDGE Performance: Evolution Towards 3G/UMTS:

1 of 3 people found the following review helpful. It's mostly a reference manualBy Andrey ArtyukhinFor me personaly it's too complicated.This book mostly intends for high level specialists and can be used as a reference manual.If you already know about GSM and only want to understand what is GPRS and how it's differ from GSM, this book is not for you.

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 GSMs 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 a radio access network that efficiently supports UMTS services (GERAN). 2. Features a comprehensive study of system performance with simulations and field trials. Covers all the major features such as basic GSM, GPRS, EDGE and AMR and the full capability of the GERAN radio interface for 3G service support is envisaged. 3. Discusses different 3G radio technologies and the position of GERAN within such technologies. Featuring fully revised and updated chapters throughout, the second edition contains 90 pages of new material and features the following new sections, enabling this reference to remain as a leading text in the area: Expanded material on GPRS Includes IMS architecture (Rel5) and GERAN (Rel6) features Presents field trial results for AMR and narrowband Provides EGPRS deployment guidelines Features a new chapter on Service Performance An invaluable reference for Engineering Professionals, Research and Development Engineers, Business Development Managers, Technical Managers and Technical Specialists working for cellular operators

"This book is a one-stop shop for everything you want to know about GPRS and EDGE systemswould be a valuable reference" (E-STREAMS, July 2004)From the Back CoverNow fully revised and updated throughout, GSM, GPRS and EDGE Performance continues to provide a complete overview of the entire GSM system. It presents comprehensive descriptions of GSMs main evolutionary milestones GPRS, AMR and EDGE and explains how such developments have positioned GERAN (GSM/EDGE Radio Access Network) as a full 3G radio standard. For the first time in one volume, the radio network performance and capabilities of GSM, GPRS, AMR and EDGE solutions are studied in-depth by using revealing simulations and field trials. This volume explains how cellular operators can roll out new 3G technologies capable of delivering wireless Internet based multimedia services in a competitive and cost-effective way. Divided into three parts: Provides an introduction to the complete evolution of GSM towards a radio access network that efficiently supports UMTS services (GERAN).