

1. Record Nr.	UNINA9911018964903321
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Titolo	The UMTS network and radio access technology : air-interface techniques for future mobile systems
Pubbl/distr/stampa	[Place of publication not identified], : Wiley, 2001
ISBN	1-280-55512-2 9786610555123 0-470-85379-4 0-470-84172-9
Descrizione fisica	1 online resource (379 pages)
Disciplina	621.3845
Soggetti	Mobile communication systems Wireless communication systems Global system for mobile communications Electrical & Computer Engineering Engineering & Applied Sciences Electrical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	"The UMTS Network and Radio Access Technology" covers all the key aspects of UMTS and its implementation from both the engineering design and the operator and service providers' point of view. It addresses the essential tasks involved in UMTS network deployment in new regions and within existing 2G networks. Presenting solutions for the integration and coexistence of 2G and 3G systems it discusses the seamless interoperability functions between GSM and UMTS. Looking forward, it also covers the critical issues of Release 2000 in order to prepare for the transition towards the wider and deeper utilisation of IP platforms. By providing one integrated source for those interested in UMTS and its applications in networking and services, The UMTS Network and Radio Access Technology will be the key text for design engineers, and service providers. Researchers, postgraduates and

senior undergraduates will also find it an indispensable source. It covers the pragmatic evolution of 2G to 3G systems e.g. GSM to UMTS, and addresses the entire UMTS air interface specification i.e. FDD and TDD modes.; This work introduces the integrated (circuit packet switching)UMTS core network architecture, and presents the performance and management issues of UMTS. It provides the network deployment and coverage aspects of 3G networks.

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