



Transmission Techniques for 4G Systems (Hardback)

By Mario Marques Da Silva, Americo Correia, Rui Dinis

Taylor Francis Inc, United States, 2013. Hardback. Condition: New. New.. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. Fourth Generation (4G) wireless communication systems support current and emergent multimedia services such as mobile TV, social networks and gaming, high-definition TV, video teleconferencing, and messaging services. These systems feature the All-over-IP concept and boast improved quality of service. Several important RD activities are currently under way in the field of wireless communications for 4G systems, but the coverage is widespread in the literature. Transmission Techniques for 4G Systems presents a compilation of the latest developments in the field of wireless communications for 4G systems, including evolved Multimedia Broadcast and Multicast Service (eMBMS). Topics include: Transmission schemes suitable for future broadband wireless systems Advances in transmission techniques and receiver design to support emergent wireless needs for 4G requirements Multiple-Input Multiple-Output (MIMO), base station cooperation, macro-diversity, and inter-cell interference cancellation Multihop relay techniques, hierarchical constellations, and multi-resolution techniques Advances using block transmission techniques for different propagation and multi-user environments System-level evaluation of 4G using different transmission techniques Exploring the key requirements of emergent services, this volume provides fundamentals...



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