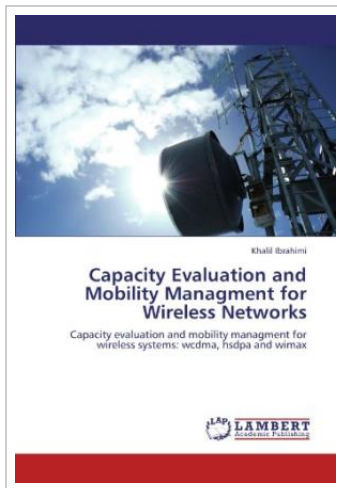




Capacity Evaluation and Mobility Management for Wireless Networks

By Ibrahim, Khalil

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Capacity evaluation and mobility management for wireless systems: wcdma, hsdpa and wimax | The mobile communication systems evolved considerably in the last few years. This fact encouraged the deployment of several systems or cellular networks in multi technological environment. The Quality of Service (QoS) offered to the mobile users improves from one system to another one. The systems of third generation (3G), like UMTS, offer a better quality of service compared to that offered by those of second generation (2G), like the GSM. For example, the systems of 3.5G (HSDPA) improve the throughput of the network of 3G in the downlink direction according to the requirements of the new services. Moreover, the networks of fourth generation (4G), like WiMax (IEEE802.16e), as for them, make it possible to widen the cover of the base station while offering a very important throughput in which supports the next generation applications or services already offered by the Internet in the downlink and uplink directions. This new evolution still improves accessibility with the services of the Internet. The migration of the services of the Internet towards the mobile networks, constitutes a major stake of research in telecommunications....



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