

Ghosh, Amitabha and Rapeepat Ratasuk. *Essentials of LTE and LTE-A*. New York, NY: Cambridge University Press, 2011, 249 pp. \$65.00 (Hardbound).

This practical, one-stop guide will quickly bring you up-to-speed on LTE and LTE-Advanced (LTE-A). With everything you need to know about the theory and technology behind the standards, this is a must-have for engineers and managers in the wireless industry.

- First book of its kind describing technologies and system performance of LTE-A
- Covers the evolution of digital wireless technology, basics of LTE and LTE-A, design of downlink and uplink channels, multi-antenna techniques, and heterogeneous networks
- Analyzes performance benefits over competing technologies, including WiMAX and 802.16m
- Reflects the latest LTE Release-10 standards
- Includes numerous examples, including extensive system and link results
- Unique approach is accessible to technical and non-technical readers alike

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