



## From LTE to LTE-Advanced Pro and 5G (Hardback)

By Moe Rahnema, Marcin Dryjanski

Artech House Publishers, United States, 2017. Hardback. Condition: New. Language: English . Brand New Book. This book examines the new features of LTE technologies and how they integrate into existing LTE networks. The authors provide an in-depth coverage of how the air interface is structured at the physical level and how the related link protocols are designed and work. It contains detailed chapters on the end-to-end data transfer optimization mechanisms based on the TCP. Readers will find information about OFDMA, and how DFT is used to implement it, SON specifications and realization and potential 5G solutions, as considered in releases 14 and beyond, the migration paths, and the challenges involved with the latest updates and standardization process. The book gives an insight into core network architecture, including the protocols and signaling used for both data and voice services, parameter estimations, and network planning and sizing.



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