



4G, LTE-Advanced Pro and The Road to 5G

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Book Condition: New. Publisher/Verlag: Academic Press | This practical and very successful book, written by engineers working closely with 3GPP, gives insight into the newest technologies and standards adopted by 3GPP, with detailed explanations of the specific solutions chosen and their implementation in LTE, LTE-Advanced, and LTE-Advanced Pro, as well as providing a detailed description of the path to 5G and the associated underlying technologies. This edition has been thoroughly revised and updated to reflect the large extensions to LTE as introduced in 3GPP Releases 12 and 13 and the role of LTE in the upcoming 5G era. New to this edition includes updated content on: 4G and 5G Radio Access Spectrum for 4G and 5G Machine-Type Communication Device-to-Device Communication License-assisted Access Full-dimension MIMO Discussion of small-cell enhancements, small-cell on/off, eIMTA, FDD+TDD aggregation, dual connectivity. With the first specifications for a new 5G radio-access technology to be available in 2018, the book discusses its likely path with two new chapters on: Requirements on and general structure of 5G wireless access, addressing the existing and new usage scenarios for 5G. Technical solutions for the new 5G radio-access technology. The leading book on 3GPP specifications for LTE, LTE-Advanced, and LTE-Advanced Pro covering up to and including release 13,...

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