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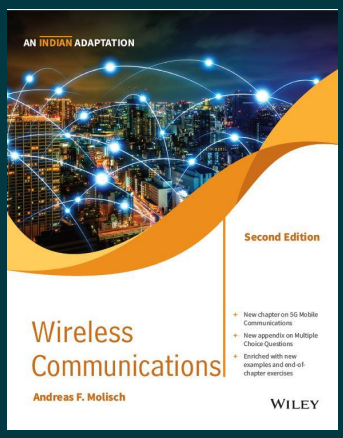

Wireless Communications, 2ed (An Indian Adaptation)

By Andreas F. Molisch

Paperback 9789354248795 ₹1,029.00

Pages: 792

Description

Wireless Communications provides an authoritative overview of the principles and applications of mobile communication technology. Combining mathematical descriptions with intuitive explanations of the physical facts, the book provides an in-depth analysis of current treatment of the area, addressing both the traditional elements, such as Rayleigh fading, BER in flat fading channels, and equalization, and emerging topics such as multiuser detection in CDMA systems, MIMO systems, and cognitive radio. Divided into five parts, the book begins with a high level overview of wireless communications, followed by the various aspects of wireless propagation channels and antennas, wireless receivers, multiple access and advanced transceiver schemes, and concludes with standardized wireless systems.

About the Author

Andreas F. Molisch

Andreas F. Molisch is Professor at the University of Southern California (USC) in Los Angeles, CA. Dr. Molisch has been an Editor of a number of journals and special issues, General Chair, Technical Program Committee Chair, or Symposium Chair of multiple international conferences, as well as Chairman of various international standardization groups. He is a Fellow of the National Academy of Inventors, Fellow of the AAAS, Fellow of the IEEE, Fellow of the IET, an IEEE Distinguished Lecturer

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