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# Wireless Communication and Networks

By Upena Dalal

Oxford University Press. Paperback. Book Condition: new. BRAND NEW, Wireless Communication and Networks, Upena Dalal, Divided into four parts, the book provides exhaustive coverage, from fundamental concepts of wireless communication to the latest developments in the field. Beginning with an overview of basic terminologies and principles of wireless communication, Part I discusses cellular theory which forms the basis for wireless systems. Part II describes the basic characteristics of wireless channel, impairments and mitigation techniques, and channel modelling. Part III discusses source coding techniques, channel coding techniques, single and multi-carrier digital modulation schemes, diversity techniques, equalization methods, and multiple access techniques. Finally, the last part of the book discusses networking fundamentals, cellular networks, and ad-hoc wireless networks. Owing to its comprehensive coverage of all the relevant topics, including the upcoming areas of wireless communication, the book will also be useful for postgraduate students and practising engineers in the field.



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