

Wireless Communications

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PRINCIPLES AND PRACTICE

Second Edition

THEODORE S. RAPPAPORT

The indispensable guide to wireless communications—now fully revised and updated!

Wireless Communications: Principles and Practice, Second Edition is the definitive modern text for wireless communications technology and system design. Building on his classic first edition, Theodore S. Rappaport covers the fundamental issues impacting all wireless networks and reviews virtually every important new wireless standard and technological development, offering especially comprehensive coverage of the 3G systems and wireless local area networks (WLANs) that will transform communications in the coming years. Rappaport illustrates each key concept with practical examples, thoroughly explained and solved step-by-step. Coverage includes:

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Whether you're a communications/career professional, manager, researcher, or student, *Wireless Communications: Principles and Practice, Second Edition* gives you an in-depth understanding of the state-of-the-art in wireless technology—today's and tomorrow's.

About the Author

THEODORE S. RAPPAPORT holds the William and Bertha Moore Chair in Electrical Engineering at the University of Texas, Austin and is the James H. and Patricia H. H. Communications Engineering and Emerging Technologies Senior Lecturer. He founded the Mobile & Portable Radio Research Group at Virginia Tech, one of the first university research and educational programs focused on wireless communications. Rappaport has developed dozens of commercial products and used his many careers and publications, the first of which involved fundamental research and modeling on how humans use mobile devices and how they interact with the system. He has also received numerous awards for his work on how humans use mobile devices for protecting and developing systems. He has also received numerous awards for his work on how humans use mobile devices for protecting and developing systems. He has also received numerous awards for his work on how humans use mobile devices for protecting and developing systems.

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