

fundamentals of wireless communication pdf

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Fundamentals of Wireless Communication1

1.1 Book objective. Wireless communication is one of the most vibrant areas in the communication field today. While it has been a topic of study since the 1960s, the past decade has seen a surge of research activities in the area. This is due to a confluence of several factors.

Fundamentals of Wireless Communication

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Wireless Link Characteristics. Differences from wired link ! decreased signal strength: radio signal attenuates as it propagates through matter (path loss) ! interference from other sources: standardized wireless network frequencies (e.g., 2.4 GHz) shared by other devices (e.g., phone); devices (motors) interfere as well.

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a unified view of the fundamentals of wireless communication and explains the web of concepts underpinning these advances at a level accessible to an audience with a basic background in probability and digital communication.

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Solutions Manual - Fundamentals of Wireless Communications

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