

# Guide to Wireless Communication



**Fourth Edition**

**Jorge L. Olenewa**

# Guide To Wireless Communication Jorge Olenewa

**Theodore S. Rappaport**



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**Communications** Mark Ciampa, Jorge Olenewa, 2006-06-05 This elite guide to the full range of wireless data communications standards and technologies available today is the only publication of its kind to provide an overview of the various opportunities and markets in the industry It adds both depth and perspective to introductory wireless data communications by helping readers discover technologies from Bluetooth to Satellites This edition has been restructured to follow a more logical approach covering Wireless Personal Area Networks WPANs Wireless Local Area Networks WLANs Wireless Metropolitan Area Networks WMANs and Wireless Wide Area Networks WWANs Security aspects of each wireless technology are also explored Important Notice Media content referenced within the product description or the product text may not be available in the ebook version **Guide to Wireless Communications** Mark D. Ciampa, 2002

This comprehensive hands on text explores the latest wireless technologies in the networking industry including Bluetooth SWAP Wireless LANs 802.11a and 802.11b Cellular Telephone Infrared lasers Microwave Spread spectrum and Satellite This comprehensive text also offers important historical coverage of wireless technology to show how we got where we are today and where we can expect to see wireless networks in the future **The Essentials Guide to Wireless**

Weisman, 2001-12-01 Wireless Communications and Technology Trevor Miller, 2017-05-19 This book is compiled in such a manner that it will provide in depth knowledge about the theory and practice of wireless communications and technology It describes in detail the various concepts and technologies used in this subject Wireless communication allows transfer of data in the form of text voice and image between two points which are not connected via wires Wireless communication technology is used in mobile and portable applications wireless networks and personal digital assistants PDAs etc Most of the

topics introduced in this text cover new techniques and applications of the subject Different approaches evaluations and methodologies on the subject have been included in it For all those who are interested in wireless communications and technology this textbook can prove to be an essential guide

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Wireless Communication James Brown,2024-10-18 Wireless Communication is an advanced branch of communication engineering This book helps to develop an overview on the existing trends of wireless communication and the concepts related to it This book has been developed for the beginners to help them understand the basic concepts and developing trends of wireless communications This is a basic book that any reader with a little knowledge of analog and digital communication can easily understand Get your copy now

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concepts to be taught in the classroom to future engineers This is one of the motivations for writing this book Practically no book can be up to date in this field due to the fast ongoing research and developments The new developments are announced almost every day Teaching directly from the research papers in the classroom cannot build the necessary foundation Therefore need for a textbook is unavoidable which is integral to learning and is an essential source to build the concept The prime goal of this book is to cooperate in the learning process This book is based on current research as well as classical text books in the field and aims to provide in depth understanding on fundamental concepts which form the basis of wireless communication and build the platform on which current developments can be understood and future contributions can be made This book is written in self explanatory manner to facilitate critical thinking and to support self study Special emphasis has been given in this book to systematically organize and present the wide domain of wireless communication technology Extra care has been taken to present the contents and the concepts in user friendly way to enable an easy understanding Therefore the language of this book is made to make one feel listening to a classroom lecture This makes learning straight forward Sometimes the explanation could seem to be oversimplified this is in order to support wide spectrum of readers as well as to clarify the hazy picture A book of this kind which addresses a fast developing technology the frequent use of acronyms and abbreviations is almost inevitable A care has been taken to spell the acronyms and abbreviations as frequently as practically suitable in the text Besides a list of acronyms and abbreviations has also been provided

**Principles of**

**Wireless Communications** Lars Ahlin,Jens Zander,1998

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