Jochen Schiller Phi Pearson Education Second Edition

Market_Desc: · Communications Engineers· Network Architects· Network Managers· Consultants· Software Engineers · Senior Undergraduate and Graduate Students Special Features: · Wireless and mobile market is quickly emerging and growing· Network architects and engineers need a comprehensive integration manual· The level and scope of the book is appropriate for decision-makers and network managers· Covers network integration of all 3rd generation mobile and wireless technologies About The Book: This is a comprehensive book that guides the network designers, engineers, managers, and consultants in the rebuilding and successful deployment of the devices over the new network. Dr. Yi-Bing Lin provides the perfect solution through this expansive guide. He is recognized as one of the top experts in mobile and wireless network architectures worldwide and his co-author is recognized as a close second. Describing digital communications principles required for comprehension, analysis, design, advanced R&D and maintenance/operation of present and future generations of digital wireless, cellular and mobile systems, this book presents architectures, hardware and software designs and solutions to common problems. Includes market data and forecast of world-wide growth of wireless systems.

This"know-how"book gives readers a concise understanding of the fundamentals of EMC, from basic mathematical and physical concepts through present, computer-age methods used in analysis, design, and tests. With contributions from leading experts in their fields, the text provides a comprehensive overview. Fortified with information on how to solve potential electromagnetic interference (EMI) problems that may arise in electronic design, practitioners will be betterable to grasp the latest techniques, trends, and applications of this increasingly important engineering discipline. Handbook of Electromagnetic Compatibility contains extensive treatment of EMC applications to radio and wireless communications, fiber optics communications, and plasma effects. Coverage of EMC-related issues includes lightning, electromagnetic pulse, biological effects, and electrostatic discharge. Practical examples are used to illustrate the material, and all information is presented in an accessible and organized format. The text is intended primarily for those practicing engineers who need agood foundation in EMC, but it will also interest faculty and students, since a good portion of the material covered can find use in the classroom or as a springboard for further research. The rapid progress of mobile, wireless communication and embedded micro-sensing MEMS technologies has brought about the rise of pervasive computing. Wireless local-area networks (WLANs) and wireless personal-area networks (WPANs) are now common tools for many people, and it is

predicted that wearable sensor networks will greatly improve everyday life as we know it. By integrating these technologies into a pervasive system, we can access information and use computing resources anytime, anywhere, and with any device. Wireless Ad Hoc Networking: Personal-Area, Local-Area, and the Sensory-Area Networks covers these key technologies used in wireless ad hoc networks. The book is divided into three parts, each providing self-contained chapters written by international experts. Topics include networking architectures and protocols, cross-layer architectures, localization and location tracking, time synchronization, QoS and real-time, security and dependability, applications, modeling and performance evaluation, implementation and experience, and much more. The book is novel in its single source presentation of ad hoc networking and related key technologies and applications over the platforms of personal area, sensory area, and local area networks. It is a valuable resource for those who work in or are interested in learning about the pervasive computing environment.
Ad Hoc Wireless Networks
Personal-Area, Local-Area, and the Sensory-Area Networks
WIRELESS AND MOBILE NETWORKS: CONCEPTS AND PROTOCOLS
Auditing EDP Systems
无线通信与网络
Water Supply and Health

*This fully revised and updated book, now in its Fourth Edition, continues to provide a comprehensive coverage of data communications and computer networks in an easy to understand style. The text places as much emphasis on the application of the concepts as on the concepts themselves. While the theoretical part is intended to offer a solid foundation of the basics so as to equip the student for further study, the stress on the applications is meant to acquaint the student with the realistic status of data communications and computer networks as of now. Audience Intended primarily as a textbook for the students of computer science and engineering, electronics and communication engineering, master of computer applications (MCA), and those offering IT courses, this book would also be useful for practising professionals. NEW TO THIS EDITION • Three new chapters on: o Network Architecture and OSI Model o Wireless Communication Technologies o Web Security • Appendix on Binary and Hexadecimal Numbering Key features • Illustrates the application of the principles through highly simplified block diagrams. • Contains a comprehensive glossary which gives simple and accurate descriptions of various terms. • Provides Questions and Answers at the end of the book which facilitate quick revision of the concept.
Mobile Communications, 2e*
A quick scan of any bookstore, library, or online bookseller will produce a multitude of books covering power systems. However, few, if any, are totally devoted to power distribution engineering, and none of them are true textbooks. Filling this vacuum in the power system engineering literature, the first edition of Electric Power Distribution System Engineering broke new ground. Written in the classic, self-learning style of the first edition, this second edition contains updated coverage, new examples, and numerous examples of MATLAB

applications. Designed specifically for junior- or senior-level electrical engineering courses, the author draws on his more than 31 years of experience to provide a text that is as attractive to students as it is useful to professors and practicing engineers. The book covers all aspects of distribution engineering from basic system planning and concepts through distribution system protection and reliability. The author brings to the table years of experience and, using this as a foundation, demonstrates how to design, analyze, and perform modern distribution system engineering. He takes special care to cover industry terms and symbols, providing a glossary and clearly defining each term when it is introduced. The discussion of distribution planning and design considerations goes beyond the usual analytical and qualitative analysis and emphasizes the economical explication and overall impact of the distribution design considerations discussed. See what's new in the Second Edition: Topics such as automation of distribution systems, advanced SCADA systems, computer applications, substation grounding, lightning protection, and insulators Chapter on electric power quality New examples and MATLAB applications Substation grounding Lightning protection Insulators Expanded topics include: Load forecasting techniques High-impedance faults A detailed review of distribution reliability indices Watch Turan Gonen talk about his book at: http://youtu.be/OZBd2diBzgk
Mobile Cellular Telecommunications
Mobile Communications
DATA COMMUNICATIONS AND COMPUTER NETWORKS
WIRELESS AND MOBILE NETWORK ARCHITECTURES

A relative newcomer to the field of wireless communications, ad hoc networking is growing quickly, both in its importance and its applications. With rapid advances in hardware, software, and protocols, ad hoc networks are now coming of age, and the time has come to bring together into one reference their principles, technologies, and techniques. The Handbook of Ad Hoc Wireless Networks does exactly that. Experts from around the world have joined forces to create the definitive reference for the field. From the basic concepts, techniques, systems, and protocols of wireless communication to the particulars of ad hoc network routing methods, power, connections, traffic management, and security, this handbook covers virtually every aspect of ad hoc wireless networking. It includes a section that explores several routing methods and protocols directly related to implementing ad hoc networks in a variety of applications. The benefits of ad hoc wireless networks are many, but several challenges remain. Organized for easy reference, The Handbook of Ad Hoc Wireless Networks is your opportunity to gain quick familiarity with the state of the art, have at your disposal the only complete reference on the subject available, and prepare to meet the technological and implementation challenges you'll encounter in practice.
Readers learn about the most popular wireless data communications

technologies in use today as GUIDE TO WIRELESS COMMUNICATIONS, 4Ed examines Bluetooth, ZigBee, Wi-Fi, cellular and satellite communications while providing a broad industry perspective. Readers develop a solid base of knowledge in Wireless Personal Area Networks (WPANs), Wireless Local Area Networks (WLANs), Wireless Metropolitan Area Networks (WMANs), and Wireless Wide Area Networks (WWANs) to better understand the most popular wireless communications available today. This book's comprehensive approach to wireless communication technology provides the solid background readers need to prepare for a future career in today's information and communications technology field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This textbook, now in its Second Edition, addresses the rapid advancements to the area of mobile computing. Almost every chapter has been revised to make the book up to date with the latest developments. It covers the main topics associated with mobile computing and wireless networking at a level that enables the students to develop a fundamental understanding of the technical issues involved in this new and fast emerging discipline. This book first examines the basics of wireless technologies and computer communications that form the essential infrastructure required for building knowledge in the area

of mobile computations involving the study of invocation mechanisms at the client end, the underlying wireless communication, and the corresponding server-side technologies. It includes coverage of development of mobile cellular systems, protocol design for mobile networks, special issues involved in the mobility management of cellular system users, realization and applications of mobile ad hoc networks (MANETs), design and operation of sensor networks, special constraints and requirements of mobile operating systems, and development of mobile computing applications. Finally, an example application of the mobile computing infrastructure to M-commerce is described in the concluding chapter of the book. The book is suitable for a one-semester course in mobile computing for the undergraduate students of Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Master of Computer Applications (MCA), and the undergraduate and postgraduate science courses in computer science and Information Technology. Key Features • Provides unified coverage of mobile computing and communication aspects • Discusses the mobile application development, mobile operating systems and mobile databases as part of the material devoted to mobile computing • Incorporates a survey of mobile operating systems and the latest developments
Wireless is a term used to describe telecommunications in which

electromagnetic waves (rather than some form of wire) carry the signal over part or all of the communication path and the network is the totality of switches, transmission links and terminals used for the generation, handling and receiving of telecoms traffic. Wireless networks are rapidly evolving, and are playing an increasing role in the lives of people throughout the world and ever-larger numbers of people are relying on the technology directly or indirectly. The area of wireless communications is an extremely rich field for research, due to the difficulties posed by the wireless medium and the increasing demand for better and cheaper services. As the wireless market evolves, it is likely to increase in size and possibly integrate with other wireless technologies, in order to offer support for mobile computing applications, of perceived performance equal to those of wired communication networks. Wireless Networks aims to provide an excellent introductory text covering the wireless technological alternatives offered today. It will include old analog cellular systems, current second generation (2G) systems architectures supporting voice and data transfer and also the upcoming world of third generation mobile networks. Moreover, the book features modern wireless technology topics, such as Wireless Local Loops (WLL), Wireless LANs, Wireless ATM and Personal Area Networks (such as Bluetooth). * Provides an easy to use reference which presents a clear

set of technologies per chapter * Features modern wireless technology topics, such as Wireless Local Loops (WLL), Wireless LANs, Wireless ATM, Personal Area Networks (such as Bluetooth) and Ad-hoc wireless networks * Progresses through the developments of first, second, third, fourth generation cellular systems and beyond * Includes helpful simulation examples and examples of algorithms and systems Essential reading for Senior undergraduate and graduate students studying computer science, telecommunications and engineering, engineers and researchers in the field of wireless communications and technical managers and consultants.

Machine Drawing

Wireless Ad Hoc Networking

Handbook of Electromagnetic Compatibility

Architectures and Protocols

Wireless and Mobile Communications

Focused on fundamental concepts and practical applications, this book provides a strong foundation in the principles and terminology of computer networking and internet technology. This thoroughly revised second edition, incorporating some of the latest technical features in networking, is suitable for introductory one-semester courses for undergraduate students of computer science and engineering, electronics and telecommunication engineering, information technology,

as well as students of computer applications (BCA and MCA). This text begins with an overview of computer networking and a discussion on data communication. Then it proceeds to explain how computer networks such as local area networks (LANs) and wide area networks (WANs) work, and how internetworking is implemented. Besides, the book provides a description of the Internet and TCP/IP protocol. With the prolific growth of networking, 'network management and security' has become an increa-singly important part of the academic curriculum. This topic has been ade-quately dealt with in a separate chapter. The practical aspects of networking, listing the essential requirements needed for actually setting up a computer network, are thoroughly explained in the final chapter of the book. WHAT IS NEW IN THE SECOND EDITION • Wireless LAN in Chapter 4 • API and Socket Programming and End-to-End Protocol in Chapter 7 • Remote Procedure Call (RPC) Protocol in Chapter 8 • Dynamic Host Configuration Protocol –Error reporting by ICMP –Virtual Private Network (VPN) in Chapter 9 –Network Address Translation (NAT) An appendix dealing with telephone networking, wireless networking, cellular networking and satellite and telemetry communication has been included to meet the requirements of the students.

This book will provide a comprehensive technical guide covering fundamentals, recent advances and open issues in wireless

*communications and networks to the readers. The objective of the book
is to serve as a valuable reference for students, educators,
scientists, faculty members, researchers, engineers and research
strategists in these rapidly evolving fields and to encourage them to
actively explore these broad, exciting and rapidly evolving research
areas.*

*Mobile Cellular Communication covers all the important aspects of
cellular and mobile communications from the Internet to signals,
access protocols and cellular systems and is a self-sufficient
resource with adequate stress on the principles that govern the
behavior of mobile communication along with the applications. The book
includes applications such as designing/planning/ installation and
maintenance of cellular operators, I-FI, and WIMAX, ZIBEE, BLUETOOTH
and GPRS networks. It also includes advanced technologies like CDMA
2000, WCDMA, 3G, 4G and beyond 4G and contains 160 examples and 540
exercises.*

*Here's the new second edition of the classic reference in the field.
From highly respected industry pioneer William Lee, this thoroughly
updated reference provides a complete technical description of the
design, analysis, and maintenance of cellular systems. Includes
updated coverage of the practical concepts, design techniques, and
operation of mobile cellular systems for engineers and technicians.*

Fundamentals of Mobile and Pervasive Computing
Engineering Fluid Dynamics 2018
ENTERPRISE RESOURCE PLANNING
Wireless Communication Networks and Systems, Global Edition
Distributed Systems: Concepts and Design, 4/e

The debut of small, inexpensive, yet powerful portable computers has coincided with the exponential growth of the Internet, making it possible to access computing resources and information at nearly any location at almost any time. This new trend, mobile computing, is poised to become the main technology driver for a decade to come. There are many Enterprise Resource Planning (ERP), one of the fastest growing segments in Information Technology today, enables organizations to respond quickly to the ever increasing customer needs and to capitalize on market opportunities. This revised edition continues to throw light on the significance of Business Engineering and its link with Information Technology. Besides, it discusses the role of consultants, vendors and users, the process of customization, as well as the methodology and guidelines for ERP implementation. Intended for the discerning chief executives, functional managers, MIS managers and students of management courses, the book should also serve as a complete reference for understanding the concepts of ERP and enable organizations to implement ERP solutions. HIGHLIGHTS OF THE SECOND EDITION Focusses on Indian ERP packages, with a new section on "Example of an Indian ERP Package". Provides Answers at the end of the book to most of the problems given at the end of each chapter for the benefit of both the students and the teachers. Shows the audit of computerized accounting systems as part of the audit of the financial

statements. Covers the control risk assessment procedures that the auditor performs on computerized systems in meeting objective relating to the audit financial statements. Comprehensive in scope and contemporary in coverage, this text explores modern digital and data communications systems, microwave radio communications systems, satellite communications systems, and optical fiber communications systems.

Principles Of Wireless Networks,1/e

Three-Phase Electrical Power

ELEMENTS OF NETWORK PROTOCOL DESIGN

Recent Advances

Electric Power Distribution System Engineering, Second Edition

Three-Phase Electrical Power addresses all aspects of three-phase power circuits. The book treats the transmission of electrical power from the common sources where it is generated to locations where it is consumed. At typical facilities where electrical power is used, the book covers the important topics of grounding, currents, power, demand, metering, circuit protection, motors, motor protection, power factor correction, tariffs, electrical drawings, and relays. Included in the text are the necessary methods of computing currents and power in all possible types of

circuit applications as those that are balanced, unbalanced, leading, lagging, three-wire, and four-wire. Focusing on electrical gear, programs, and issues related to the generation and use of three-phase electrical power, this contemporary educational guide: Uses simple, straightforward language to explain key concepts and their underlying theory Introduces numerous examples, illustrations, and photographs to aid in comprehension Employs phasor concepts throughout the text to aid in the analysis of three-phase circuits Encourages applied learning by supplying practical problems at the end of each chapter Provides extensive references and a glossary of symbols, acronyms, and equations Three-Phase Electrical Power delivers a much-needed modern-day treatment of three-phase electrical power for electrical engineering students and practitioners alike.

Practical design and performance solutions for every ad hoc wireless network Ad Hoc Wireless Networks comprise mobile devices that use wireless transmission for communication. They can be set up anywhere and any time because they

eliminate the complexities of infrastructure setup and central administration–and they have enormous commercial and military potential. Now, there's a book that addresses every major issue related to their design and performance. Ad Hoc Wireless Networks: Architectures and Protocols presents state-of-the-art techniques and solutions, and supports them with easy-to-understand examples. The book starts off with the fundamentals of wireless networking (wireless PANs, LANs, MANs, WANs, and wireless Internet) and goes on to address such current topics as Wi-Fi networks, optical wireless networks, and hybrid wireless architectures. Coverage includes: Medium access control, routing, multicasting, and transport protocols QoS provisioning, energy management, security, multihop pricing, and much more In-depth discussion of wireless sensor networks and ultra wideband technology More than 200 examples and end-of-chapter problems Ad Hoc Wireless Networks is an invaluable resource for every network engineer, technical manager, and researcher designing or building ad hoc wireless networks.

Market_Desc: The book is primarily for graduate and undergraduate students of Computer Science, Electrical and/or Electronics and Communication Engineering, Telecommunication Engineering. Professionals, Network System Administrators, and Networking Engineers will also benefit by reading this book.The book also targets professionals and researchers in the area of networking. Special Features: " Explains the basic concepts and different classes of wireless networks." Explains the design issues and components for each class of the wireless network." Standards like Bluetooth, ZigBee, Wi-Fi, etc. are covered in detail." Explains the protocols of routing, MAC, and physical layer for different classes of wireless networks." Extensive coverage of new topics on the advanced wireless networks such as MANETs, WSNs, VANETs, WIMAX, sensor networks, and wireless mesh networks." Separate chapters on wireless body area networks and emerging research issues in the wireless networks." Optimum balance of solved and practice problems.Excellent pedagogy support for the book

with the following:ü 80+ solved problems and unsolved problems.ü 300+ review questions.ü 530+ objective questions (Multiple Choice Questions, Fill in the Blanks, and With CD or). ü 9 experiments with clear output.Added Feature: NS-2-Simulator-Based Experimentsü All programs are written in gedit editor under Linux.ü All programs are tested for accuracy.ü For some experiments, outputs are presented as screenshots. About The Book: Wireless and Mobile Networks: Concepts and Protocols provides an explanation on the wireless network concepts, architectures, protocols, and applications. It covers the wireless networks such as wireless body area network (WBAN), wireless local area networks (WLANs), wireless metropolitan area networks (WMANs), wireless wide area network (WWAN), wireless sensor networks, wireless vehicle networks, and research challenges in wireless networks. The book addresses the design issues and explores various emerging protocols for wireless networks.
Although there are many books available on WSNs, most are

low-level, introductory books. The few available for advanced readers fail to convey the breadth of knowledge required for those aiming to develop next-generation solutions for WSNs. Filling this void, Wireless Sensor Networks: From Theory to Applications supplies comprehensive coverage of WSNs. In order to provide the wide-ranging guidance required, the book brings together the contributions of domain experts working in the various subfields of WSNs worldwide. This edited volume examines recent advances in WSN technologies and considers the theoretical problems in WSN, including issues with monitoring, routing, and power control. It also details methodologies that can provide solutions to these problems. The book's 25 chapters are divided into seven parts: Data Collection Physical Layer and Interfacing Routing and Transport Protocols Energy-Saving Approaches Mobile and Multimedia WSN Data Storage and Monitoring Applications The book examines applications of WSN across a range of fields, including health, military, transportation, and mining.

Addressing the main challenges in applying WSNs across all phases of our life, it explains how WSNs can assist in community development. Complete with a list of references at the end of each chapter, this book is ideal for senior undergraduate and postgraduate students, researchers, scholars, academics, industrial researchers, and practicing engineers working on WSNs. The text assumes that readers possess a foundation in computer networks, wireless communication, and basic electronics.

From Theory to Applications

Wireless Sensor Networks

CONCEPTS AND PRACTICE

The Handbook of Ad Hoc Wireless Networks

Pervasive Computing

Mobile Communications Engineering, 2/e, provides telecommunication engineers and managers, as well as students a comprehensive coverage on design and development of mobile-radio systems for voice and data in rigorous yet clear terms. Students will find t.

About the Book: Written by three distinguished authors with ample academic and

teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

Special Features: · Focuses on the topic of designing and implementing computer network information transfer protocols. While we are all becoming familiar with the Internet, which uses the Transfer Control Protocol/Internet Protocol (TCP/IP), many computer networking solutions have been and will continue to be based on other perhaps proprietary, secure protocols About The Book: This book focuses on the design and implementation of these computer network information transfer protocols. Using the Internet as a running case study throughout the book, the authors introduce a formal notation for writing network protocols and organize their discussion around protocol functions

In October 1993, the Rutgers University Wireless Infonnation Network Laboratory hosted the fourth WINLAB Workshop on Third Generation Wireless Infonnation Networks. These events bring together a select group of experts interested in the long tenn future of Personal Communications, Mobile Computing, and other services supported by wireless telecommunications technology. This is a fast moving field and we already see, in present practice, realizations of visions articulated in the earlier Workshops. In particular, the second generation systems that absorbed the attention of the first WINLAB Workshop, are now commercial products. It is an interesting

reflection on the state of knowledge of wireless communications that the debates about the relative technical merits of these systems have not yet been resolved. Meanwhile, in the light of United States Government announcements in September 1993 the business and technical communities must confront this year a new generation of Personal Communications Services. Here we have applications in search of the best technologies rather than the reverse. This is a rare situation in the infonnation business. Today's advanced planning and forward looking studies will prevent technology shortages and uncertainties at the end of this decade. By then, market size and public expectations will surpass the capabilities of the systems of the mid-1990's. Third Generation Wireless Infonnation Networks will place greater burdens on technology than their predecessors by offering a wider range of services and a higher degree of service integration.

FUNDAMENTALS OF MOBILE COMPUTING, Second Edition

Mobile Communication Engineering (SIE).

Cellular Mobile Communication

Fundamentals of Computer Networks

Technology and Architecture of Mobile Internet Applications

"Engineering Fluid Dynamics 2018". The topic of engineering fluid dynamics includes both experimental as well as computational studies. Of special interest were submissions from the fields of mechanical, chemical, marine, safety, and energy engineering. We welcomed both

original research articles as well as review articles. After one year, 28 papers were submitted and 14 were accepted for publication. The average processing time was 37.91 days. The authors had the following geographical distribution: China (9); Korea (3); Spain (1); and India (1). Papers covered a wide range of topics, including analysis of fans, turbines, fires in tunnels, vortex generators, deep sea mining, as well as pumps.

Fluency with physics fundamentals and problem-solving has a collateral effect on students by enhancing their analytical reasoning skills. In a sense, physics is to intellectual pursuits what strength training is to sports. Designed for a two-semester algebra-based course, Essential Physics provides a thorough understanding of the fundamentals of physics central to many fields. It omits material often found in much larger texts that cannot be covered in a year-long course and is not needed for non-physics majors. Instead, this text focuses on providing a solid understanding of basic physics and physical principles. While not delving into the more specialized areas of the field, the text thoroughly covers mechanics, electricity and magnetism, light, and modern physics. This book is appropriate for a course in which the goals are to give the students a grasp of introductory physics and enhance their analytical problem-solving skills. Each topic includes worked examples. Math is introduced as necessary, with some applications in biology, chemistry, and safety science also provided. If exposure to more applications, special topics, and concepts is desired, this book can be used as a problem-solving supplement to a more inclusive text.

The huge and growing demand for wireless communication systems has spurred a massive effort on the parts of the computer science and electrical engineering communities to formulate ever-more efficient protocols and algorithms. Written by a respected figure in the field,

Handbook of Wireless Networks and Mobile Computing is the first book to cover the subject from a computer scientist's perspective. It provides detailed practical coverage of an array of key topics, including cellular networks, channel assignment, queuing, routing, power optimization, and much more.

For courses in wireless communication networks and systems A Comprehensive Overview of Wireless Communications Wireless Communication Networks and Systems covers all types of wireless communications, from satellite and cellular to local and personal area networks. Organised into four easily comprehensible, reader-friendly parts, it presents a clear and comprehensive overview of the field of wireless communications. For those who are new to the topic, the book explains basic principles and fundamental topics concerning the technology and architecture of the field. Numerous figures and tables help clarify discussions, and each chapter includes a list of keywords, review questions, homework problems, and suggestions for further reading. The book includes an extensive online glossary, a list of frequently used acronyms, and a reference list. A diverse set of projects and other student exercises enables instructors to use the book as a component in a varied learning experience, tailoring courses to meet their specific needs. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

Mobile Computing Handbook
Guide to Wireless Communications
Wireless Communications and Networks
Wireless Networks
Analog and Digital Systems

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This book offers a complete introduction to pervasive computing (also known as mobile computing, ubiquitous computing, anywhere/anywhen computing etc etc) The book features case studies of applications and gives a broad overview of pervasive computing (devices, standards, protocols,architectures). The book also covers and includes analysis and categorisation of existing technologies and solid information to help integrate pervasive computing applications into existing e-business applications.

Mobile CommunicationsPearson Education IndiaFundamentals of Computer NetworksPHI Learning Pvt. Ltd.

The authoritative, general reference that has been sorely missing in the field of mobile computing This book teaches all the main topics via the hottest

applications in a rapidlygrowing field. "Big picture" explanations of ad hoc networks and service discovery Exercises, projects, and solutions to illustrate core concepts Extensive wireless security methodologies
Handbook of Wireless Networks and Mobile Computing
Telecommunications Switching, Traffic and Networks
Advanced Electronic Communications Systems
Essential Physics
Water Supply and Health