Wireless Communication Local Author Jaya

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Sams Teach Yourself HTML, CSS, and JavaScript All in One - Julie C. Meloni 2011-11-21
Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web

design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Geoheritage and Geotourism Resources - Nicoletta Santangelo 2021-01-20
This Special Issue outlines the role of geoheritage and geotourism as potential touristic resources of a region. The term "geoheritage" refers to a particular type of natural resources represented by sites of special geological significance, rarity or beauty that are representative of a region and of its geological history, events, and processes. These sites are also known as "geosites" and, as well as archaeological, architectonic, and historical sites, can be considered as part of the cultural estate of a country. "Geotourism" is an emerging type of sustainable tourism, which concentrates on geosites, focusing on visitor knowledge, environmental education, and amusement. Geotourism may be very useful for geological sciences divulgation and may provide additional opportunities for the development of rural areas, generally not included among the main touristic attractions. The collected papers focused on these main topics with different methods and approaches and can be grouped as follows: i) papers dealing with geosite promotion and

valorization in protected areas; ii) papers dealing with geosite promotion and valorization in non-protected areas; iii) papers dealing with geosite promotion by exhibition, remote sensing analysis, and apps; iv) papers investigating geotourism and geoheritage from tourists' perspectives.

Who's who in Entertainment - 1992

Internet of Things and Sensors Networks in 5G Wireless Communications - Lei Zhang 2020-01-24
The Internet of Things (IoT) has attracted much attention from society, industry and academia as a promising technology that can enhance day to day activities, and the creation of new business models, products and services, and serve as a broad source of research topics and ideas. A future digital society is envisioned, composed of numerous wireless connected sensors and devices. Driven by huge demand, the massive IoT (mIoT) or massive machine type communication (mMTC) has been identified as one of the three main communication scenarios for 5G. In addition to connectivity, computing and storage and data management are also long-standing issues for low-cost devices and sensors. The book is a collection of outstanding technical research and industrial papers covering new research results, with a wide range of features within the 5G-and-beyond framework. It provides a range of discussions of the major research challenges and achievements within this topic.

Media, Communication and Development - Linje Manyozo 2012-09-11
Media, Communication and Development: Three Approaches explores and revisits the perspectives of Nora C Quebral, whose seminal work still remains a Magna Carta on the topic of development communication. It explores the three primary approaches—media for development, media development and participatory and community communication—which have characterised most debates in the field of media, communication and development. The book is theoretically engaging and brings in postcolonial perspectives in discussing the core concepts, but at the same time is easy-to-understand, as it illustrates the complex and multidisciplinary concepts through case studies from both the global

south and the global north.

Next Generation Wireless LANs - Eldad Perahia 2013-05-23
If you've been searching for a way to get up to speed on IEEE 802.11n and 802.11ac WLAN standards without having to wade through the entire specification, then look no further. This comprehensive overview describes the underlying principles, implementation details and key enhancing features of 802.11n and 802.11ac. For many of these features the authors outline the motivation and history behind their adoption into the standard. A detailed discussion of key throughput, robustness, and reliability enhancing features (such as MIMO, multi-user MIMO, 40/80/160 MHz channels, transmit beamforming and packet aggregation) is given, plus clear summaries of issues surrounding legacy interoperability and coexistence. Now updated and significantly revised, this 2nd edition contains new material on 802.11ac throughput, including revised chapters on MAC and interoperability, plus new chapters on 802.11ac PHY and multi-user MIMO. An ideal reference for designers of WLAN equipment, network managers, and researchers in the field of wireless communications.

Stochastic Network Optimization with Application to Communication and Queueing Systems - Michael J. Neely 2010
This text presents a modern theory of analysis, control, and optimization for dynamic networks. Mathematical techniques of Lyapunov drift and Lyapunov optimization are developed and shown to enable constrained optimization of time averages in general stochastic systems. The focus is on communication and queueing systems, including wireless networks with time-varying channels, mobility, and randomly arriving traffic. A simple drift-plus-penalty framework is used to optimize time averages such as throughput, throughput-utility, power, and distortion. Explicit performance-delay tradeoffs are provided to illustrate the cost of approaching optimality. This theory is also applicable to problems in operations research and economics, where energy-efficient and profit-maximizing decisions must be made without knowing the future. Topics in the text include the following: - Queue stability theory - Backpressure, max-weight, and virtual queue methods - Primal-dual methods for non-

convex stochastic utility maximization - Universal scheduling theory for arbitrary sample paths - Approximate and randomized scheduling theory - Optimization of renewal systems and Markov decision systems Detailed examples and numerous problem set questions are provided to reinforce the main concepts. Table of Contents: Introduction / Introduction to Queues / Dynamic Scheduling Example / Optimizing Time Averages / Optimizing Functions of Time Averages / Approximate Scheduling / Optimization of Renewal Systems / Conclusions

Wireless Communication and Sensor Network - Salah Bourennane 2016-06-29
This proceedings volume collects the most up-to-date, comprehensive and state-of-the-art knowledge on wireless communication, sensor network, network technologies, services and application. Written by world renowned researchers, each chapter is original in content, featuring high-impact presentations and late-breaking contributions. Researchers and practitioners will find this edition a useful resource material and an inspirational read. Contents:Wireless CommunicationsNetwork TechnologiesServices and Application Readership: Researchers, academics, professionals and graduate students in neural networks/networking, electrical & electronic engineering, and condensed matter physics.

Intelligent Computing Techniques for Smart Energy Systems - Akhtar Kalam 2019-12-16
The book compiles the research works related to smart solutions concept in context to smart energy systems, maintaining electrical grid discipline and resiliency, computational collective intelligence consisted of interaction between smart devices, smart environments and smart interactions, as well as information technology support for such areas. It includes high-quality papers presented in the International Conference on Intelligent Computing Techniques for Smart Energy Systems organized by Manipal University Jaipur. This book will motivate scholars to work in these areas. The book also prophesies their approach to be used for the business and the humanitarian technology development as research proposal to various government organizations for funding approval.

Information Technology and Mobile Communication - Vinu V Das 2011-04-13
This book constitutes the refereed proceedings of the International Conference on Advances in Information Technology and Mobile Communication, AIM 2011, held at Nagpur, India, in April 2011. The 31 revised full papers presented together with 27 short papers and 34 poster papers were carefully reviewed and selected from 313 submissions. The papers cover all current issues in theory, practices, and applications of Information Technology, Computer and Mobile Communication Technology and related topics.

Business America - 1980
Includes articles on international business opportunities.

Advanced Engineering Optimization Through Intelligent Techniques - R. Venkata Rao 2019-07-09
This book comprises select peer-reviewed papers presented at the International Conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT) 2018. The book combines contributions from academics and industry professionals, and covers advanced optimization techniques across all major engineering disciplines like mechanical, manufacturing, civil, automobile, electrical, chemical, computer and electronics engineering. Different optimization techniques and algorithms such as genetic algorithm (GA), differential evolution (DE), simulated annealing (SA), particle swarm optimization (PSO), artificial bee colony (ABC) algorithm, artificial immune algorithm (AIA), teaching-learning-based optimization (TLBO) algorithm and many other latest meta-heuristic techniques and their applications are discussed. This book will serve as a valuable reference for students, researchers and practitioners and help them in solving a wide range of optimization problems.

Handbook of Research on 5G Networks and Advancements in Computing, Electronics, and Electrical Engineering - Nwajana, Augustine O. 2021-06-25
The advent of the emerging fifth generation (5G) networks has changed

the paradigm of how computing, electronics, and electrical (CEE) systems are interconnected. CEE devices and systems, with the help of the 5G technology, can now be seamlessly linked in a way that is rapidly turning the globe into a digital world. Smart cities and internet of things have come to stay but not without some challenges, which must be discussed. The Handbook of Research on 5G Networks and Advancements in Computing, Electronics, and Electrical Engineering focuses on current technological innovations as the world rapidly heads towards becoming a global smart city. It covers important topics such as power systems, electrical engineering, mobile communications, network, security, and more. This book examines vast types of technologies and their roles in society with a focus on how each works, the impacts it has, and the future for developing a global smart city. This book is ideal for both industrial and academic researchers, scientists, engineers, educators, practitioners, developers, policymakers, scholars, and students interested in 5G technology and the future of engineering, computing, and technology in human society.

Decentralised Internet of Things - Mohammad Ayoub Khan 2020-02-13
This book presents practical as well as conceptual insights into the latest trends, tools, techniques and methodologies of blockchains for the Internet of Things. The decentralised Internet of Things (IoT) not only reduces infrastructure costs, but also provides a standardised peer-to-peer communication model for billions of transactions. However, there are significant security challenges associated with peer-to-peer communication. The decentralised concept of blockchain technology ensures transparent interactions between different parties, which are more secure and reliable thanks to distributed ledger and proof-of-work consensus algorithms. Blockchains allow trustless, peer-to-peer communication and have already proven their worth in the world of financial services. The blockchain can be implanted in IoT systems to deal with the issues of scale, trustworthiness and decentralisation, allowing billions of devices to share the same network without the need for additional resources. This book discusses the latest tools and

methodology and concepts in the decentralised Internet of Things. Each chapter presents an in-depth investigation of the potential of blockchains in the Internet of Things, addressing the state-of-the-art in and future perspectives of the decentralised Internet of Things. Further, industry experts, researchers and academicians share their ideas and experiences relating to frontier technologies, breakthrough and innovative solutions and applications.

5G Mobile and Wireless Communications Technology - Afif Osseiran 2016-06-02
A comprehensive overview of the 5G landscape covering technology options, most likely use cases and potential system architectures.

Stochastic Geometry for Wireless Networks - Martin Haenggi 2013
Analyse wireless network performance and improve design choices for future architectures and protocols with this rigorous introduction to stochastic geometry.

Jaya: An Advanced Optimization Algorithm and its Engineering Applications - Ravipudi Venkata Rao 2018-06-09
This book introduces readers to the "Jaya" algorithm, an advanced optimization technique that can be applied to many physical and engineering systems. It describes the algorithm, discusses its differences with other advanced optimization techniques, and examines the applications of versions of the algorithm in mechanical, thermal, manufacturing, electrical, computer, civil and structural engineering. In real complex optimization problems, the number of parameters to be optimized can be very large and their influence on the goal function can be very complicated and nonlinear in character. Such problems cannot be solved using classical methods and advanced optimization methods need to be applied. The Jaya algorithm is an algorithm-specific parameter-less algorithm that builds on other advanced optimization techniques. The application of Jaya in several engineering disciplines is critically assessed and its success compared with other complex optimization techniques such as Genetic Algorithms (GA), Particle Swarm Optimization (PSO), Differential Evolution (DE), Artificial Bee Colony (ABC), and other recently developed algorithms.

Digital Communications - Bernard Sklar 2016-12-23
The clear, easy-to-understand introduction to digital communications Completely updated coverage of today's most critical technologies Step-by-step implementation coverage Trellis-coded modulation, fading channels, Reed-Solomon codes, encryption, and more Exclusive coverage of maximizing performance with advanced "turbo codes" "This is a remarkably comprehensive treatment of the field, covering in considerable detail modulation, coding (both source and channel), encryption, multiple access and spread spectrum. It can serve both as an excellent introduction for the graduate student with some background in probability theory or as a valuable reference for the practicing ommunication system engineer. For both communities, the treatment is clear and well presented." - Andrew Viterbi, The Viterbi Group Master every key digital communications technology, concept, and technique. Digital Communications, Second Edition is a thoroughly revised and updated edition of the field's classic, best-selling introduction. With remarkable clarity, Dr. Bernard Sklar introduces every digital communication technology at the heart of today's wireless and Internet revolutions, providing a unified structure and context for understanding them -- all without sacrificing mathematical precision. Sklar begins by introducing the fundamentals of signals, spectra, formatting, and baseband transmission. Next, he presents practical coverage of virtually every contemporary modulation, coding, and signal processing technique, with numeric examples and step-by-step implementation guidance. Coverage includes: Signals and processing steps: from information source through transmitter, channel, receiver, and information sink Key tradeoffs: signal-to-noise ratios, probability of error, and bandwidth expenditure Trellis-coded modulation and Reed-Solomon codes: what's behind the math Synchronization and spread spectrum solutions Fading channels: causes, effects, and techniques for withstanding fading The first complete how-to guide to turbo codes: squeezing maximum performance out of digital connections Implementing encryption with PGP, the de facto industry standard Whether you're building wireless systems, xDSL, fiber or coax-based

services, satellite networks, or Internet infrastructure, Sklar presents the theory and the practical implementation details you need. With nearly 500 illustrations and 300 problems and exercises, there's never been a faster way to master advanced digital communications. CD-ROM INCLUDED The CD-ROM contains a complete educational version of Elanix' SystemView DSP design software, as well as detailed notes for getting started, a comprehensive DSP tutorial, and over 50 additional communications exercises.

Proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing - Nitin Afzalpulkar 2016-04-28
This volume comprises the proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing. It brings together content from academicians, researchers, and industry experts in areas of Wireless Communication and Image Processing. The volume provides a snapshot of current progress in computational creativity and a glimpse of future possibilities. The proceedings include two kinds of paper submissions: (i) regular papers addressing foundation issues, describing original research on creative systems development and modeling; and (ii) position papers describing work-in-progress or research directions for computational creativity. This work will be useful to professionals and researchers working in the core areas of wireless communications and image processing.

Media Asia - 1990

Evolutionary Computing and Mobile Sustainable Networks - V. Suma 2022
This book mainly reflects the recent research works in evolutionary computation technologies and mobile sustainable networks with a specific focus on computational intelligence and communication technologies that widely ranges from theoretical foundations to practical applications in enhancing the sustainability of mobile networks. Today, network sustainability has become a significant research domain in both academia and industries present across the globe. Also, the network

sustainability paradigm has generated a solution for existing optimization challenges in mobile communication networks. Recently, the research advances in evolutionary computing technologies including swarm intelligence algorithms and other evolutionary algorithm paradigms are considered as the widely accepted descriptors for mobile sustainable networks virtualization, optimization, and automation. To deal with the emerging impacts on mobile communication networks, this book discusses about the state-of-the research works on developing a sustainable design and their implementation in mobile networks. With the advent of evolutionary computation algorithms, this book contributes varied research chapters to develop a new perspective on mobile sustainable networks.

My Sweet Girl - Amanda Jayatissa 2021-09-14
WINNER OF THE ITW THRILLER AWARD FOR BEST FIRST NOVEL "My Sweet Girl pushes the boundaries of what a thriller can do."—The Washington Post "Fiendish [and] full of twists.... Sri Lankan author Amanda Jayatissa keeps us guessing and worrying until the very end." —The New York Times "A thriller centered on the meaning of identity and all the layers it can have."—NPR Paloma thought her perfect life would begin once she was adopted and made it to America, but she's about to find out that no matter how far you run, your past always catches up to you... Ever since she was adopted from a Sri Lankan orphanage, Paloma has had the best of everything—schools, money, and parents so perfect that she fears she'll never live up to them. Now at thirty years old and recently cut off from her parents' funds, she decides to sublet the second bedroom of her overpriced San Francisco apartment to Arun, who recently moved from India. Paloma has to admit, it feels good helping someone find their way in America—that is until Arun discovers Paloma's darkest secret, one that could jeopardize her own fragile place in this country. Before Paloma can pay Arun off, she finds him face down in a pool of blood. She flees the apartment but by the time the police arrive, there's no body—and no evidence that Arun ever even existed in the first place. Paloma is terrified this is all somehow tangled up in the desperate actions she took to escape Sri Lanka so many years ago. Did Paloma's secret die with Arun or is she now in greater danger than ever before?

Introduction to Algorithms, third edition - Thomas H. Cormen 2009-07-31
The latest edition of the essential text and professional reference, with substantial new material on such topics as vEB trees, multithreaded algorithms, dynamic programming, and edge-based flow. Some books on algorithms are rigorous but incomplete; others cover masses of material but lack rigor. Introduction to Algorithms uniquely combines rigor and comprehensiveness. The book covers a broad range of algorithms in depth, yet makes their design and analysis accessible to all levels of readers. Each chapter is relatively self-contained and can be used as a unit of study. The algorithms are described in English and in a pseudocode designed to be readable by anyone who has done a little programming. The explanations have been kept elementary without sacrificing depth of coverage or mathematical rigor. The first edition became a widely used text in universities worldwide as well as the standard reference for professionals. The second edition featured new chapters on the role of algorithms, probabilistic analysis and randomized algorithms, and linear programming. The third edition has been revised and updated throughout. It includes two completely new chapters, on van Emde Boas trees and multithreaded algorithms, substantial additions to the chapter on recurrence (now called "Divide-and-Conquer"), and an appendix on matrices. It features improved treatment of dynamic programming and greedy algorithms and a new notion of edge-based flow in the material on flow networks. Many exercises and problems have been added for this edition. The international paperback edition is no longer available; the hardcover is available worldwide.

Wireless Communication in Underground Mines - L. K. Bandyopadhyay 2009-08-29
Wireless communication has emerged as an independent discipline in the past decades. Everything from cellular voice telephony to wireless data transmission using wireless sensor networks has profoundly impacted the safety, production, and productivity of industries and our lifestyle as

well. After a decade of exponential growth, the wireless industry is one of the largest industries in the world. Therefore, it would be an injustice if the wireless communication is not explored for mining industry. Underground mines, which are characterized by their tough working conditions and hazardous environments, require fool-proof mine-wide communication systems for smooth functioning of mine workings and ensuring better safety. Proper and re- able communication systems not only save the machine breakdown time but also help in immediate passing of messages from the vicinity of underground working area to the surface for day-to-day normal mining operations as well as for speedy rescue operations in case of disaster. Therefore, a reliable and effective commu- cation system is an essential requisite for safe working, and maintaining requisite production and productivity of underground mines. Most of the existing systems generally available in underground mines are based on line (wired) communication principle, hence these are unable to withstand in the disaster conditions and dif?cult to deploy in inaccessible places. Therefore, wireless communication is an indispe- able, reliable, and convenient system and essential in case of day-to-day normal duty or disaster situations.

Smart Grids and Their Communication Systems - Ersan Kabalci 2018-09-01
The book presents a broad overview of emerging smart grid technologies and communication systems, offering a helpful guide for future research in the field of electrical engineering and communication engineering. It explores recent advances in several computing technologies and their performance evaluation, and addresses a wide range of topics, such as the essentials of smart grids for fifth generation (5G) communication systems. It also elaborates the role of emerging communication systems such as 5G, internet of things (IoT), IEEE 802.15.4 and cognitive radio networks in smart grids. The book includes detailed surveys and case studies on current trends in smart grid systems and communications for smart metering and monitoring, smart grid energy storage systems, modulations and waveforms for 5G networks. As such, it will be of interest to practitioners and researchers in the field of smart grid and

communication infrastructures alike.
INFORMS Conference Program - Institute for Operations Research and the Management Sciences. National Meeting 2006

Stochastic Geometry and Wireless Networks - François Baccelli 2010
This volume bears on wireless network modeling and performance analysis. The aim is to show how stochastic geometry can be used in a more or less systematic way to analyze the phenomena that arise in this context. It first focuses on medium access control mechanisms used in ad hoc networks and in cellular networks. It then discusses the use of stochastic geometry for the quantitative analysis of routing algorithms in mobile ad hoc networks. The appendix also contains a concise summary of wireless communication principles and of the network architectures considered in the two volumes.
4th International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2019 - Neeta Nain 2020-02-14
This book presents the proceedings of the 4th International Conference on Internet of Things and Connected Technologies (ICIoTCT), held on May 9–10, 2019, at Malaviya National Institute of Technology (MNIT), Jaipur, India. The Internet of Things (IoT) promises to usher in a revolutionary, fully interconnected "smart" world, with relationships between objects and their environment and objects and people becoming more tightly intertwined. The prospect of the Internet of Things as a ubiquitous array of devices bound to the Internet could fundamentally change how people think about what it means to be "online". The ICIotCT 2019 conference provided a platform to discuss advances in Internet of Things (IoT) and connected technologies, such as various protocols and standards. It also offered participants the opportunity to interact with experts through keynote talks, paper presentations and discussions, and as such stimulated research. With the recent adoption of a variety of enabling wireless communication technologies, like RFID tags, BLE, ZigBee, embedded sensor and actuator nodes, and various protocols such as CoAP, MQTT and DNS, IoT has moved on from its infancy. Today smart sensors can collaborate directly with machines to

automate decision-making or to control a task without human involvement. Further, smart technologies, including green electronics, green radios, fuzzy neural approaches, and intelligent signal processing techniques play an important role in the development of the wearable healthcare devices.

Futuristic Communication and Network Technologies - A. Sivasubramanian 2021-10-11
This book presents select proceedings of the International Conference on Futuristic Communication and Network Technologies (CFCNT 2020) conducted at Vellore Institute of Technology, Chennai. It covers various domains in communication engineering and networking technologies. This volume comprises of recent research in areas like optical communication, optical networks, optics and optical computing, emerging trends in photonics, MEMS and sensors, active and passive RF components and devices, antenna systems and applications, RF devices and antennas for microwave emerging technologies, wireless communication for future networks, signal and image processing, machine learning/AI for networks, internet of intelligent things, network security and blockchain technologies. This book will be useful for researchers, professionals, and engineers working in the core areas of electronics and communication.

Handbook of Research on Intrusion Detection Systems - Gupta, Brij B. 2020-02-07
Businesses in today's world are adopting technology-enabled operating models that aim to improve growth, revenue, and identify emerging markets. However, most of these businesses are not suited to defend themselves from the cyber risks that come with these data-driven practices. To further prevent these threats, they need to have a complete understanding of modern network security solutions and the ability to manage, address, and respond to security breaches. The Handbook of Research on Intrusion Detection Systems provides emerging research exploring the theoretical and practical aspects of prominent and effective techniques used to detect and contain breaches within the fields of data science and cybersecurity. Featuring coverage on a broad range of topics such as botnet detection, cryptography, and access control models, this book is ideally designed for security analysts, scientists, researchers, programmers, developers, IT professionals, scholars, students, administrators, and faculty members seeking research on current advancements in network security technology.

Handbook of Research on Strategies for Local E-Government Adoption and Implementation: Comparative Studies - Reddick, Christopher G. 2009-03-31
"This book provides examinations of the adoption and impact of e-government"--Provided by publisher.

Innovative Data Communication Technologies and Application - Jennifer S. Raj 2020-01-30
This book presents emerging concepts in data mining, big data analysis, communication, and networking technologies, and discusses the state-of-the-art in data engineering practices to tackle massive data distributions in smart networked environments. It also provides insights into potential data distribution challenges in ubiquitous data-driven networks, highlighting research on the theoretical and systematic framework for analyzing, testing and designing intelligent data analysis models for evolving communication frameworks. Further, the book showcases the latest developments in wireless sensor networks, cloud computing, mobile network, autonomous systems, cryptography, automation, and other communication and networking technologies. In addition, it addresses data security, privacy and trust, wireless networks, data classification, data prediction, performance analysis, data validation and verification models, machine learning, sentiment analysis, and various data analysis techniques.

Advances in Computing and Network Communications - Sabu M. Thampi 2021-04-20
This book constitutes the thoroughly refereed post-conference proceedings of the 4th International Conference on Computing and Network Communications (CoCoNet'20), October 14–17, 2020, Chennai, India. The papers presented were carefully reviewed and selected from several initial submissions. The papers are organized in topical sections

on Signal, Image and Speech Processing, Wireless and Mobile Communication, Internet of Things, Cloud and Edge Computing, Distributed Systems, Machine Intelligence, Data Analytics, Cybersecurity, Artificial Intelligence and Cognitive Computing and Circuits and Systems. The book is directed to the researchers and scientists engaged in various fields of computing and network communication domains.

HWM - 2005-03
Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

Supply Chain Network Design - Michael Watson 2013
Introduction and basic building blocks. Adding costs to two echelon supply chains. Advanced modeling and expanding to multiple echelons. How to get industrial streng results. Case study wrap up.

Satellite Communications - Anil Kumar Maini 2010-04-01
Market_Desc: Primary: Undergraduate and graduate level students of Electronics and Telecommunications, IT professionals, people interested in book on DVB technology.Secondary: Postgraduate students on digital communications technology courses Special Features: · Provides a comprehensive, single-source reference on satellite communication and its applications.· Discusses satellite orbits and trajectories, launch and in-orbit operations, hardware, communication techniques, multiple access techniques, and link design fundamentals.· Covers the full range of satellite applications in remote sensing, meteorology, the military, navigation and science, as well as in communications.· Covers the subject of satellite communication in entirety.· Highly accurate, complete and comprehensive coverage of the subject with all latest information incorporated.· Emphasis on fundamental principles and concepts.· Lucid and reader-friendly language.· Ideal test book for engineering students of electronics and communication and indispensable reference for professionals.· Excellent pedagogy that includes:· More than 80 solved problems.· More than 200 multiple-choice questions, review questions and practice problems.· Beautifully illustrated book with more than 400 photographs and figures.· Optimum balance of qualitative and quantitative problem set. About The Book: The text is an up-to-date and comprehensive title in the field of satellite communication technology and applications. It offers full coverage of the theoretical and practical concepts of the communication satellites and also briefly talks about the other applications including remote sensing, weather forecasting, navigation, scientific and military. The essentials of satellite technology are explained by giving an introduction to the fundamental topics such as orbits and trajectories, launch and in-orbit operations before going on to describe satellite hardware. Communication-related topics like modulation and multiplexing techniques, multiple access techniques, link design, satellite access, earth station design and applications of communication satellites are covered in great depth. Other applications of satellites are also explained in the book which makes this book an essential buy for professionals and students alike.

When Old Technologies Were New - Carolyn Marvin 1990-05-24
In the history of electronic communication, the last quarter of the nineteenth century holds a special place, for it was during this period that the telephone, phonograph, electric light, wireless, and cinema were all invented. In When old Technologies Were New, Carolyn Marvin explores how two of these new inventions--the telephone and the electric light--were publicly envisioned at the end of the nineteenth century, as seen in specialized engineering journals and popular media. Marvin pays particular attention to the telephone, describing how it disrupted established social relations, unsettling customary ways of dividing the private person and family from the more public setting of the community. On the lighter side, she describes how people spoke louder when calling long distance, and how they worried about catching contagious diseases over the phone. A particularly powerful chapter deals with telephonic precursors of radio broadcasting--the "Telephone Herald" in New York and the "Telefon Hirmondo" of Hungary--and the conflict between the technological development of broadcasting and the attempt to impose a homogenous, ethnocentric variant of Anglo-Saxon culture on the public. While focusing on the way professionals in the electronics field tried to control the new media, Marvin also illuminates the broader social

impact, presenting a wide-ranging, informative, and entertaining account of the early years of electronic media.

The Global Innovation Index 2013 - Cornell University 2013
The Global Innovation Index ranks the innovation performance of 142 countries and economies around the world, based on 84 indicators. This edition explores the impact of innovation-oriented policies on economic growth and development. High-income and developing countries alike are seeking innovation-driven growth through different strategies. Some countries are successfully improving their innovation capacity, while others still struggle.

Introduction to Wireless and Mobile Systems - Dharma P. Agrawal 2010-06-10
This text explains the general principles of how wireless systems work, how mobility is supported, what the underlying infrastructure is and what interactions are needed among different functional components.

Designed as a textbook appropriate for undergraduate or graduate courses in Computer Science (CS), Computer Engineering (CE), and Electrical Engineering (EE), Introduction to Wireless and Mobile Systems third edition focuses on qualitative descriptions and the realistic explanations of relationships between wireless systems and performance parameters. Rather than offering a thorough history behind the development of wireless technologies or an exhaustive list of work being carried out, the authors help CS, CE, and EE students learn this exciting technology through relevant examples such as understanding how a cell phone starts working as soon as they get out of an airplane. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Honor & Respect - Robert Hickey 2008
The essential reference for anyone who needs to write, spend an invitation, formally introduce, or speak to their local sheriff, pastor, judge, or city councilman.