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VSAT Networks

Presumed Guilty: How the Supreme Court Empowered the Police and Subverted Civil Rights

Opportunistic Networking

Space-time Codes and MIMO Systems

Principles of Modern Radar

Spread Spectrum CDMA Systems for Wireless Communications

An Introduction to Satellite Communications

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Principal Typist

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The Basics of Satellite Communications

Satellite Systems for Personal and Broadband Communications

CDMA

2020 5th International Conference on Devices, Circuits and Systems (ICDCS)

Mosby's Dental Dictionary - E-Book

Mobile e-Health

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FITZPATRICK HERMAN

VSAT Networks Springer

Spread spectrum CDMA systems are becoming widely accepted and promise to play a key role in the future of wireless communications. This comprehensive new book explains the main issues of spread spectrum CDMA and makes its practical applications available to network engineers and managers. Packed with nearly 1,000 equations, it also provides the mathematical tools necessary to apply the technology to your own wireless system.

Presumed Guilty: How the Supreme Court Empowered the Police and Subverted Civil Rights Liveright Publishing

Opportunistic networking, by definition, allows devices to communicate whenever a window of opportunity is available.

Many emerging technologies employ opportunistic exchanges of information. This book addresses this trend in communications engineering, taking into account three specific areas—vehicular, device-to-device (D2D), and cognitive radio—while describing the opportunistic communication methods of each. From smart homes to smart cities, smart agriculture to never-die-networks and beyond, the text explores the state of the art of opportunistic networking, providing the latest research, developments, and practices in one concise source.

Opportunistic Networking Career Examination

Principles of Modern Radar: Basic Principles is a comprehensive text for courses in radar systems and technology, a professional training textbook for formal in-house courses and for new hires; a reference for ongoing study following a radar short course and a self-study and professional reference book.

Space-time Codes and MIMO Systems John Wiley & Sons

VSAT Networks: Second Edition covers all the important issues involved with the installation of VSAT systems. Since the first edition was published, the VSAT market has continued to expand steadily. VSAT technologies have advanced, prompting an increase in the take-up of VSAT services. Offering a comprehensive introduction to the topic followed by a detailed exploration of multiple access protocols, delay analysis and system dimensioning, this edition is a highly relevant update of VSAT Networks. Written by a well respected and established member of the satellite community, it will be welcomed by academics and engineers alike. Covers important issues of services, economics and regulatory aspects Provides a detailed technical insight on networking and radio frequency link aspects, therefore addressing the specific features of VSAT networks at the three lower layers of the OSI Reference Layer Model for data communications This timely second edition is fully updated with new figures, improvements and revised chapter on future developments This book will appeal to students of telecommunications, electronics and computer science. Practising telecommunications engineers and technical managers involved in the planning, design and operation of VSAT networks and systems will also find this book a valuable reference source.

Principles of Modern Radar Algonquin Books

This Independence Day edition of *The World is Flat 3.0* includes an exclusive preview of *That Used to Be Us: How America Fell Behind in the World It Invented and How We Can Come Back*, by Thomas L. Friedman and Michael Mandelbaum, on sale September 5th, 2011. A New Edition of the Phenomenal #1 Bestseller "One mark of a great book is that it makes you see things in a new way, and Mr. Friedman certainly succeeds in that goal," the Nobel laureate Joseph E. Stiglitz wrote in *The New York Times* reviewing *The World Is Flat* in 2005. In this new edition, Thomas L. Friedman includes fresh stories and insights to help us understand the flattening of the world. Weaving new information

into his overall thesis, and answering the questions he has been most frequently asked by parents across the country, this third edition also includes two new chapters--on how to be a political activist and social entrepreneur in a flat world; and on the more troubling question of how to manage our reputations and privacy in a world where we are all becoming publishers and public figures. *The World Is Flat 3.0* is an essential update on globalization, its opportunities for individual empowerment, its achievements at lifting millions out of poverty, and its drawbacks--environmental, social, and political, powerfully illuminated by the Pulitzer Prize--winning author of *The Lexus and the Olive Tree*. **Spread Spectrum CDMA Systems for Wireless Communications** Elsevier Health Sciences

"This comprehensive book presents LPI radar design essentials, including ambiguity analysis of LPI waveforms, FMCW radar, and phase-shift and frequency-shift keying techniques. Moreover, you find details on new OTHR modulation schemes, noise radar, and spatial multiple-input multiple-output (MIMO) systems. The book explores autonomous non-linear classification signal processing algorithms for identifying LPI modulations. It also demonstrates four intercept receiver signal processing techniques for LPI radar detection that helps you determine which time-frequency, bi-frequency technique best suits any LPI modulation of interest."--Publisher.

An Introduction to Satellite Communications Royal Society of Medicine

The updated 6th edition of the authoritative and comprehensive textbook to the field of satellite communications engineering The revised and updated sixth edition of *Satellite Communications Systems* contains information on the most recent advances related to satellite communications systems, technologies, network architectures and new requirements of services and applications. The authors - noted experts on the topic - cover the state-of-the-art satellite communication systems and technologies and examine the relevant topics concerning communication and network technologies, concepts, techniques and algorithms. New to this edition is information on internetworking with the broadband satellite systems, more intensive coverage of Ka band technologies, GEO high throughput satellite (HTS), LEO constellations and the potential to support the current new broadband Internet services as well as future developments for global information infrastructure. The authors offer details on digital communication systems and broadband networks in order to provide high-level researchers and professional engineers an authoritative reference. In addition, the book is designed in a user-friendly format. This important text: Puts the focus on satellite communications and networks as well as the related applications and services Provides an essential, comprehensive and authoritative updated guide to the topic Contains new topics including the space segment, ground, ground satellite control and network management, relevant terrestrial networks and more Includes helpful illustrations, tables and problems to enhance learning Offers a summary at the beginning of each chapter to help understand the concepts and principles discussed Written for research students studying or researching in the areas related to satellite communications systems and networks, the updated sixth edition of *Satellite Communications Systems* offers an essential guide to the most recent developments in the field of satellite communications engineering and references to international standards.

Satellite Communications Systems Intl. Engineering Consortium Designed for use by the entire dental team, *Mosby's Dental Dictionary* includes more than 10,000 terms and 300 full-color illustrations. Definitions include all areas of dentistry, basic, clinical and behavioral sciences, terms related to office management, and commonly used medical terms. Thoroughly revised and updated, this edition includes more terms, more

pronunciations, and extensive appendices for quick, easy-to-use access to information used daily in the clinical setting. Full-color illustrations enhance definitions. Accuracy of entries is verified by an expert review board including dentists and dental hygienists. Colored thumb bleeds make it easy to locate definitions quickly. Extensive appendices provide useful information in a quick-access format. 800 new terms have been added, especially in the fields of oral surgery, anatomy, and pathology. More implant and pathology photos are included to visually depict additional conditions and equipment. 20% more pronunciations have been added to the companion CD-ROM, for a total of 5,200 pronunciations. Updated appendices include CDT-2007/2008 -- the coding system from the American Dental Association (ADA), chemical agents for surface disinfection, and the ADA's guidelines for prescribing dental radiographs. Implant prosthetics appendix has been added. New consultants include implantologist Charles Babbush, a pioneer in the field of dental implants and an internationally acclaimed surgeon, teacher, and lecturer. **What Unites Us** Springer Science & Business Media Deals with the physics and geometry of the geostationary orbit, and the construction and operation of satellites and launch vehicles. Gives a thorough analysis of essential factors governing the quality of speech, data, and television signals received via satellite. Particular attention is paid to the use of satellites for maritime, aeronautical and land-mobile communications and VSATs (very-small aperture terminals). Annotation copyrighted by Book News, Inc., Portland, OR

Detecting and Classifying Low Probability of Intercept Radar IET

A scientific overview of current and future satellite systems for mobile and broadband communications. In part I, the fundamentals of geostationary and non-geostationary satellite constellations and the related questions of communications technology are treated. Part II deals with satellite systems for mobile communications and treats several network features as well as their technology, regulation and financing. Part III is devoted to future satellite systems for broadband communications and explains the specialities of satellite communications, particularly on the basis of ATM and TCP/IP. An extensive survey on operating and planned satellite systems completes the book.

Introduction to Telemedicine John Wiley & Sons

Spread spectrum multiple access communication, known commercially as CDMA (Code Division Multiple Access), is a driving technology behind the rapidly advancing personal communications industry. Its greater bandwidth efficiency and multiple access capabilities make it the leading technology for relieving spectrum congestion caused by the explosion in popularity of cellular mobile and fixed wireless telephones and wireless data terminals. Written by a leader in the creation of CDMA and an internationally recognized authority on wireless digital communication, this book gives you the technical information you need. It presents the fundamentals of digital communications and covers all aspects of commercial direct-sequence spread spectrum technology, incorporating both physical-level principles and network concepts. You will find detailed information on signal generation, synchronization, modulation, and coding of direct-sequence spread spectrum signals. In addition, the book shows how these physical layer functions relate to link and network properties involving cellular coverage, Erlang capacity, and network control. With this book, you will attain a deeper understanding of personal communications system concepts and will be better equipped to develop systems and products at the forefront of the personal wireless communications market.

Radar Essentials Artech House

Test preparation study guide questions & answers.

Principal Typist Career Examination

AN INSTANT NEW YORK TIMES BESTSELLER “I find myself thinking deeply about what it means to love America, as I surely do.”

—Dan Rather At a moment of crisis over our national identity, venerated journalist Dan Rather has emerged as a voice of reason and integrity, reflecting on—and writing passionately about—what it means to be an American. Now, with this collection of original essays, he reminds us of the principles upon which the United States was founded. Looking at the freedoms that define us, from the vote to the press; the values that have transformed us, from empathy to inclusion to service; the institutions that sustain us, such as public education; and the traits that helped form our young country, such as the audacity to take on daunting challenges in science and medicine, Rather brings to bear his decades of experience on the frontlines of the world’s biggest stories. As a living witness to historical change, he offers up an intimate view of history, tracing where we have been in order to help us chart a way forward and heal our bitter divisions. With a fundamental sense of hope, *What Unites Us* is the book to inspire conversation and listening, and to remind us all how we are, finally, one.

Senior Medical Laboratory Technician Artech House Publishers

An unprecedented work of civil rights and legal history, *Presumed Guilty* reveals how the Supreme Court has enabled racist policing and sanctioned law enforcement excesses through its decisions over the last half-century. Police are nine times more likely to kill African-American men than they are other Americans—in fact, nearly one in every thousand will die at the hands, or under the knee, of an officer. As eminent constitutional scholar Erwin Chemerinsky powerfully argues, this is no accident, but the horrific result of an elaborate body of doctrines that allow the police and, crucially, the courts to presume that suspects—especially people of color—are guilty before being charged. Today in the United States, much attention is focused on the enormous problems of police violence and racism in law enforcement. Too often, though, that attention fails to place the blame where it most belongs, on the courts, and specifically, on the Supreme Court. A “smoking gun” of civil rights research, *Presumed Guilty* presents a groundbreaking, decades-long history of judicial failure in America, revealing how the Supreme Court has enabled racist practices, including profiling and intimidation, and legitimated gross law enforcement excesses that disproportionately affect people of color. For the greater part of its existence, Chemerinsky shows, deference to and empowerment of the police have been the *modi operandi* of the

Supreme Court. From its conception in the late eighteenth century until the Warren Court in 1953, the Supreme Court rarely ruled against the police, and then only when police conduct was truly shocking. Animating seminal cases and justices from the Court’s history, Chemerinsky—who has himself litigated cases dealing with police misconduct for decades—shows how the Court has time and again refused to impose constitutional checks on police, all the while deliberately gutting remedies Americans might use to challenge police misconduct. Finally, in an unprecedented series of landmark rulings in the mid-1950s and 1960s, the pro-defendant Warren Court imposed significant constitutional limits on policing. Yet as Chemerinsky demonstrates, the Warren Court was but a brief historical aberration, a fleeting liberal era that ultimately concluded with Nixon’s presidency and the ascendance of conservative and “originalist” justices, whose rulings—in *Terry v. Ohio* (1968), *City of Los Angeles v. Lyons* (1983), and *Whren v. United States* (1996), among other cases—have sanctioned stop-and-frisks, limited suits to reform police departments, and even abetted the use of lethal chokeholds. Written with a lawyer’s knowledge and experience, *Presumed Guilty* definitively proves that an approach to policing that continues to exalt “Dirty Harry” can be transformed only by a robust court system committed to civil rights. In the tradition of Richard Rothstein’s *The Color of Law*, *Presumed Guilty* is a necessary intervention into the roiling national debates over racial inequality and reform, creating a history where none was before—and promising to transform our understanding of the systems that enable police brutality.

The Basics of Satellite Communications Prentice Hall

The Senior Medical Laboratory Technician Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study.

Satellite Systems for Personal and Broadband Communications SciTech Publishing

When you need vital data fast, turn to *Radar Essentials*. This compact yet comprehensive reference has compiled the most used principles, data, tables, and equations that are used by radar and aerospace system designers on a daily basis. Experts and non-experts alike will find this to be their go-to source for recalling and understanding the fundamentals and employing them in design and performance analysis.

CDMA Picador

An introduction to the developing field of telemedicine, this text explores all the major aspects of telemedicine and explains what it is and why it is growing in importance. It explains how to assess the need for telemedicine service and how this can be developed

and evaluated.

2020 5th International Conference on Devices, Circuits and Systems (ICDCS) IET

This multi-disciplinary collection of essays captures discussion, thinking and research surrounding the recent surge of interest in how technology can help us as we age. A wide range of topics are covered, from investigations in the use of technology to improve health and well-being, to examinations of digital gaming, mobile health apps and the quantified self in relation to an ageing population. From multi-disciplinary perspectives, this collection highlights the role of a more social approach to technology. As such, a variety of social research methods are used throughout the chapters. The benefits and issues with different approaches are highlighted both in terms of further research, but also so the reader can judge the value of the research for themselves. This collection brings together the latest thinking and cutting edge contemporary research from leading thinkers and academics in the field of human computer interaction, health and gerontology. In taking a social approach, it highlights how technological practices fit within wider gerontological, political and cultural perspectives. It therefore has potential to influence those working in human computer interaction, digital humanities, sociology, psychology and gerontology. It can help change the practice of people working in the health and social care field, in computer and product design, and in the digital and creative industries.

Mosby’s Dental Dictionary - E-Book CRC Press

The fifth International Conference on Devices, Circuits and Systems (ICDCS 20) is the premier interdisciplinary platform for all researchers, scientists from R&D institutions, industrial experts and post graduate students in the field of Devices, Circuits and Systems to present their state of the art work from all over the world The main objective of ICDCS 20 is to discuss the latest developments and research results in all aspects of the design, modeling, application of devices, circuits and systems The conference brings together the industrial experts and researchers with the emphasis on the technical content of the papers We sincerely hope that ICDCS 20 serves as a global platform for researchers, widen professional contact and create new opportunities, including instituting new collaborations

Mobile e-Health Artech House

Despite the proliferation of new communications technologies, the decades-old satellite industry is shifting with the times. Now in its second edition, this guide addresses the myriad aspects of the technology in its current form and explores the paths it is expected to take in the future.

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