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Global Perspectives In Information Security Hossein Bidgoli 2008-09-16 Global Perspectives in Information Security, compiled by renowned expert and professor Hossein Bidgoli, offers an expansive view of current issues in information security. Written by leading academics and practitioners from around the world, this thorough resource explores and examines a wide range of issues and perspectives in this rapidly expanding field. Perfect for students, researchers, and practitioners alike, Professor Bidgoli's book offers definitive coverage of established and cutting-edge theory and application in information security.

Sensing and Systems in Pervasive Computing Dan Chalmers 2011-07-25 Focus on issues and principles in context awareness, sensor processing and software design (rather than sensor networks or HCI or particular commercial systems). Designed as a textbook, with readings and lab problems in most chapters. Focus on concepts, algorithms and ideas rather than particular technologies.

Cyber Security Intelligence and Analytics Zheng Xu 2021-03-09 This book presents the outcomes of the 2021 International Conference on Cyber Security Intelligence and Analytics (CSIA 2021), an international conference dedicated to promoting novel theoretical and applied research advances in the interdisciplinary field of cyber security, particularly focusing on threat intelligence, analytics, and countering cybercrime. The conference provides a forum for presenting and discussing innovative ideas, cutting-edge research findings and novel techniques, methods and applications on all aspects of cyber security intelligence and analytics. Due to COVID-19, Authors, Keynote Speakers and PC committees will attend the conference online.

Security and Privacy for Implantable Medical Devices Wayne Burleson 2013-12-03 This book presents a systematic approach to analyzing the challenging engineering problems posed by the need for security and privacy in implantable medical devices (IMD). It describes in detail new

issues termed as lightweight security, due to the associated constraints on metrics such as available power, energy, computing ability, area, execution time, and memory requirements. Coverage includes vulnerabilities and defense across multiple levels, with basic abstractions of cryptographic services and primitives such as public key cryptography, block ciphers and digital signatures. Experts from Computer Security and Cryptography present new research which shows vulnerabilities in existing IMDs and proposes solutions. Experts from Privacy Technology and Policy will discuss the societal, legal and ethical challenges surrounding IMD security as well as technological solutions that build on the latest in Computer Science privacy research, as well as lightweight solutions appropriate for implementation in IMDs.

Reset Michael Jones 2016-03-10 Hopelessly in a funk with no apparent way out, mortgage industry veteran, Mark Stiles, grasped desperately to the only thing that could help: CHANGE. For the past few years, Mark has been stuck in a life of mediocrity - unfulfilled and simply getting by..... Slowly, but surely, both his personal and professional lives have derailed and are on a one-way track to disaster. Now, after a chance encounter with an old friend and colleague in the business, Mark is presented with a challenging opportunity that can radically change his life. A change that could not only allow him to achieve his dreams and provide an abundant life for his family, but a change that could inject long-forgotten purpose, meaning and fulfillment back into his career and very soul. Whether you're a mortgage veteran or a newbie to the residential mortgage scene, this book is possibly the answer to your problems! It not only provides solutions to the issues you've faced with loan files, but it outlines a proven, strategic framework for re-structuring your life to reach all the goals you've set for yourself and achieve unlimited success. The only question is: are you prepared to hit the Reset button and change?

Wireless and Mobile Device Security Jim Doherty 2021-03-31 Written by an industry expert, Wireless and Mobile Device Security explores the evolution of wired networks to wireless networking and its impact on the corporate world.

ICMLG 2017 5th International Conference on Management Leadership and Governance Academic Conferences and Publishing Limited 2017-03

Mobile Apps Engineering Ghita K. Mostefaoui 2018-12-07 The objective of this edited book is to gather best practices in the development and management of mobile apps projects. Mobile Apps Engineering aims to provide software engineering lecturers, students and researchers of mobile computing a starting point for developing successful mobile apps. To achieve these objectives, the book's contributors emphasize the essential concepts of the field, such as apps design, testing and security, with the intention of offering a compact, self-contained book which shall stimulate further research interest in the topic. The editors hope and believe that their efforts in bringing this book together can make mobile apps engineering an independent discipline inspired by traditional software engineering, but taking into account the new challenges posed by mobile computing.

Cyber Security President's Information Technology Advisory Committee 2005

Fault Lines David Pryce-Jones 2015-10-13 Born in Vienna in 1936, David Pryce-Jones is the son of the well-known writer and editor of the Times Literary Supplement Alan Pryce-Jones and Therese "Poppy" Fould-Springer. He grew up in a cosmopolitan mix of industrialists, bankers, soldiers, and playboys on both sides of a family, embodying the fault lines of the title: "not quite Jewish and not quite Christian, not quite Austrian and not quite French or English, not quite heterosexual and not quite homosexual, socially conventional but not quite secure." Graduating from Magdalen College, Oxford, David Pryce-Jones served as Literary Editor of the Financial Times and the Spectator, a war correspondent for the Daily Telegraph, and Senior Editor of National Review. Fault Lines is a memoir that spans Europe, America, and the Middle East and encompasses figures ranging from Somerset Maugham to Svetlana Stalin to Elie de Rothschild. As seen on Channel 4's My

Grandparents' War, with Helena Bonham Carter, the memoir has the storytelling power of Pryce-Jones's numerous novels and non-fiction books, and is perceptive and poignant testimony to the fortunes and misfortunes of the present age.

Little Destiny Robert Jones 2021-02-28 The town of Belaphone is a depressing little town in Leon County, upper Michigan. Half abandoned and neglected, it has only two things going for it. One is a women's prison and the second is a shelter for abandoned and neglected kids in the western side of the Upper Peninsula, bring in much needed Federal Dollars. But the Town is turned upside-down a few days before Christmas when a newborn girl is found in Grisham's Correctional. The baby is sent to Belaphone Home, she comes into contact with Amos, a Muslim American working as a social worker at the home. The two bond, but the as Amos tries to find out where she comes from, the more mysterious events come up, as something seems to be haunting the child, and strange events happen around her. Meanwhile, Pastor Anthony Dean finds out about the child and believes that she is a miracle and is determined to take the child away from Amos, even at the cost of his soul.

Winning Low-limit Hold'em Lee Jones 2000 Since its first publication in 1994, Winning Low-Limit Hold'em, by Lee Jones, has become the major reference on playing Texas Hold'em at the lower limits. However, poker has changed over the several years and Lee has continued to study the game. The result is this revised and expanded second edition.

Human Aspects of Information Security, Privacy and Trust Louis Marinos 2013-07-01 This book constitutes the refereed proceedings of the First International Conference on Human Aspects of Information Security, Privacy and Trust, HAS 2013, held as part of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, USA in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 39 contributions was carefully reviewed and selected for inclusion in the HAS proceedings. The papers are organized in the following topical sections: novel authentication systems; human factors in security; security and privacy policies; and user centric security and privacy.

InfoWorld 2000-04-17 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

God, Send Sunday Jesse Montez Jones 2020-06-30

Reamde Neal Stephenson 2011-09-20 "Stephenson has a once-in-a-generation gift: he makes complex ideas clear, and he makes them funny, heartbreaking, and thrilling." —Time The #1 New York Times bestselling author of Anathem, Neal Stephenson is continually rocking the literary world with his brazen and brilliant fictional creations—whether he's reimagining the past (The Baroque Cycle), inventing the future (Snow Crash), or both (Cryptonomicon). With Reamde, this visionary author whose mind-stretching fiction has been enthusiastically compared to the work of Thomas Pynchon, Don DeLillo, Kurt Vonnegut, and David Foster Wallace—not to mention William Gibson and Michael Crichton—once again blazes new ground with a high-stakes thriller that will enthrall his loyal audience, science and science fiction, and espionage fiction fans equally. The breathtaking tale of a wealthy tech entrepreneur caught in the very real crossfire of his own online fantasy war game, Reamde is a new high—and a new world—for the remarkable Neal Stephenson.

Cryptography and Security: From Theory to Applications David Naccache 2012-02-21 This Festschrift volume, published in honor of Jean-Jaques Quisquater on the occasion of his 65th Birthday, contains 33 papers from colleagues all over the world and deals with all the fields to

which Jean-Jaques dedicated his work during his academic career. Focusing on personal tributes and re-visits of Jean-Jaques Quisquater's legacy, the volume addresses the following central topics: symmetric and asymmetric cryptography, side-channels attacks, hardware and implementations, smart cards, and information security. In addition there are four more contributions just "as diverse as Jean-Jacques' scientific interests".

American Export Register 1998

Intelligent Data Sensing and Processing for Health and Well-being Applications Miguel Antonio Wister Ovando 2018-07-26 Intelligent Data Sensing and Processing for Health and Well-being Applications uniquely combines full exploration of the latest technologies for sensor-collected intelligence with detailed coverage of real-case applications for healthcare and well-being at home and in the workplace. Forward-thinking in its approach, the book presents concepts and technologies needed for the implementation of today's mobile, pervasive and ubiquitous systems, and for tomorrow's IoT and cyber-physical systems. Users will find a detailed overview of the fundamental concepts of gathering, processing and analyzing data from devices disseminated in the environment, as well as the latest proposals for collecting, processing and abstraction of data-sets. In addition, the book addresses algorithms, methods and technologies for diagnosis and informed decision-making for healthcare and well-being. Topics include emotional interface with ambient intelligence and emerging applications in detection and diagnosis of neurological diseases. Finally, the book explores the trends and challenges in an array of areas, such as applications for intelligent monitoring in the workplace for well-being, acquiring data traffic in cities to improve the assistance of first aiders, and applications for supporting the elderly at home. Examines the latest applications and future directions for mobile data sensing in an array of health and well-being scenarios Combines leading computing paradigms and technologies, development applications, empirical studies, and future trends in the multidisciplinary field of smart sensors, smart sensor networks, data analysis and machine intelligence methods Features an analysis of security, privacy and ethical issues in smart sensor health and well-being applications Equips readers interested in interdisciplinary projects in ubiquitous computing or pervasive computing and ambient intelligence with the latest trends and developments

Network Security, Firewalls and VPNs J. Michael Stewart 2013-07-15 PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES Fully revised and updated with the latest data from the field, Network Security, Firewalls, and VPNs, Second Edition provides a unique, in-depth look at the major business challenges and threats that are introduced when an organization s network is connected to the public Internet. Written by an industry expert, this book provides a comprehensive explanation of network security basics, including how hackers access online networks and the use of Firewalls and VPNs to provide security countermeasures. Using examples and exercises, this book incorporates hands-on activities to prepare the reader to disarm threats and prepare for emerging technologies and future attacks. Key Features: -Introduces the basics of network security exploring the details of firewall security and how VPNs operate -Illustrates how to plan proper network security to combat hackers and outside threats -Discusses firewall configuration and deployment and managing firewall security -Identifies how to secure local and internet communications with a VPN Instructor Materials for Network Security, Firewalls, VPNs include: PowerPoint Lecture Slides Exam Questions Case Scenarios/Handouts About the Series This book is part of the Information Systems Security and Assurance Series from Jones and Bartlett Learning. Designed for courses and curriculums in IT Security, Cybersecurity, Information Assurance, and Information Systems Security, this series features a comprehensive, consistent treatment of the most current thinking and trends in this critical subject area. These titles deliver fundamental information-security principles packed with real-world applications and examples. Authored by Certified Information Systems Security Professionals (CISSPs), they deliver comprehensive

information on all aspects of information security. Reviewed word for word by leading technical experts in the field, these books are not just current, but forward-thinking putting you in the position to solve the cybersecurity challenges not just of today, but of tomorrow, as well."

Wintersong S. Jae-Jones 2017-02-07 "Darkly romantic and atmospheric in all of the best ways, this book reads like a fever dream you never want to wake from." —Emily A. Duncan, New York Times bestselling author of Wicked Saints and Ruthless Gods Dark, romantic, and unforgettable, Wintersong is an enchanting coming-of-age story for fans of Labyrinth and Beauty and The Cruel Prince. The last night of the year. Now the days of winter begin and the Goblin King rides abroad, searching for his bride... All her life, Liesl has heard tales of the beautiful, dangerous Goblin King. They've enraptured her mind, her spirit, and inspired her musical compositions. Now eighteen and helping to run her family's inn, Liesl can't help but feel that her musical dreams and childhood fantasies are slipping away. But when her own sister is taken by the Goblin King, Liesl has no choice but to journey to the Underground to save her. Drawn to the strange, captivating world she finds—and the mysterious man who rules it—she soon faces an impossible decision. And with time and the old laws working against her, Liesl must discover who she truly is before her fate is sealed. Rich with music and magic, S. Jae-Jones's Wintersong will sweep you away into a world you won't soon forget. "This was Labyrinth by way of Angela Carter. Deliciously romantic, with a nuanced Goblin King and a strong heroine, this story was rife with fairy tales, music, and enchantment." —Roshani Chokshi, New York Times bestselling author of The Star-Touched Queen

Everybody's Home Jonathan Eig 2021-10-01 Another Lola Jones escapade with our book-loving third grader! Lola and her twenty-nine classmates don't understand the words to a traditional song they're meant to sing at the upcoming Winter Concert, so they make up their own, very silly (and very funny) words. Lola's mother and her Grampa get involved too, and we all learn not only the words to the song, but something about global warming, by the time of the concert.

Wireless and Mobile Device Security Jim Doherty 2015-01-02 Discusses the history and evolution of wireless networks Explores the impact of wireless on the corporate world Focuses on 802.11 WLAN security in both the small office/home office world and for larger organizations Gives security solutions to the risks and vulnerabilities of mobile devices Reviews the mobile malware landscape and discusses mitigation strategies

Digital Forensics, Investigation, and Response Chuck Easttom 2021-08-10 Digital Forensics, Investigation, and Response, Fourth Edition examines the fundamentals of system forensics, addresses the tools, techniques, and methods used to perform computer forensics and investigation, and explores incident and intrusion response,

Research Anthology on Convergence of Blockchain, Internet of Things, and Security Management Association, Information Resources 2022-07-08 The rise of technology has proven to be a threat to personal data, cyberspace protection, and organizational security. However, these technologies can be used to enhance the effectiveness of institutional security. Through the use of blockchain and the internet of things (IoT), organizations may combat cybercriminals and better protect their privacy. The Research Anthology on Convergence of Blockchain, Internet of Things, and Security describes the implementation of blockchain and IoT technologies to better protect personal and organizational data as well as enhance overall security. It also explains the tools, applications, and emerging innovations in security and the ways in which they are enhanced by blockchain and IoT. Covering topics such as electronic health records, intrusion detection, and software engineering, this major reference work is an essential resource for business leaders and executives, IT managers, computer scientists, hospital administrators, security professionals, law enforcement, students and faculty of higher education, librarians, researchers, and academicians.

IoT Souvik Pal 2020-06-03 IOT: Security and Privacy Paradigm covers the evolution of security and privacy issues in the Internet of Things (IoT). It focuses on bringing all security and privacy related technologies into one source, so that students, researchers, and practitioners can

refer to this book for easy understanding of IoT security and privacy issues. This edited book uses Security Engineering and Privacy-by-Design principles to design a secure IoT ecosystem and to implement cyber-security solutions. This book takes the readers on a journey that begins with understanding the security issues in IoT-enabled technologies and how it can be applied in various aspects. It walks readers through engaging with security challenges and builds a safe infrastructure for IoT devices. The book helps readers gain an understand of security architecture through IoT and describes the state of the art of IoT countermeasures. It also differentiates security threats in IoT-enabled infrastructure from traditional ad hoc or infrastructural networks, and provides a comprehensive discussion on the security challenges and solutions in RFID, WSNs, in IoT. This book aims to provide the concepts of related technologies and novel findings of the researchers through its chapter organization. The primary audience includes specialists, researchers, graduate students, designers, experts and engineers who are focused on research and security related issues. Souvik Pal, PhD, has worked as Assistant Professor in Nalanda Institute of Technology, Bhubaneswar, and JIS College of Engineering, Kolkata (NAAC "A" Accredited College). He is the organizing Chair and Plenary Speaker of RICE Conference in Vietnam; and organizing co-convener of ICICIT, Tunisia. He has served in many conferences as chair, keynote speaker, and he also chaired international conference sessions and presented session talks internationally. His research area includes Cloud Computing, Big Data, Wireless Sensor Network (WSN), Internet of Things, and Data Analytics. Vicente García-Díaz, PhD, is an Associate Professor in the Department of Computer Science at the University of Oviedo (Languages and Computer Systems area). He is also the editor of several special issues in prestigious journals such as Scientific Programming and International Journal of Interactive Multimedia and Artificial Intelligence. His research interests include eLearning, machine learning and the use of domain specific languages in different areas. Dac-Nhuong Le, PhD, is Deputy-Head of Faculty of Information Technology, and Vice-Director of Information Technology Apply and Foreign Language Training Center, Haiphong University, Vietnam. His area of research includes: evaluation computing and approximate algorithms, network communication, security and vulnerability, network performance analysis and simulation, cloud computing, IoT and image processing in biomedical. Presently, he is serving on the editorial board of several international journals and has authored nine computer science books published by Springer, Wiley, CRC Press, Lambert Publication, and Scholar Press.

Mobile Application Development, Usability, and Security Mukherjea, Sougata 2016-10-19 The development of mobile technology has experienced exponential growth in recent years. Mobile devices are ubiquitous in modern society, impacting both our personal and professional lives. Mobile Application Development, Usability, and Security provides a thorough overview on the different facets of mobile technology management and its integration into modern society. Highlighting issues related to analytics, cloud computing, and different types of application development, this book is a pivotal reference source for professionals, researchers, upper-level students, and practitioners actively involved in the area of mobile computing.

Energy Conservation for IoT Devices Mamta Mittal 2019-05-21 This book addresses the Internet of Things (IoT), an essential topic in the technology industry, policy, and engineering circles, and one that has become headline news in both the specialty press and the popular media. The book focuses on energy efficiency concerns in IoT and the requirements related to Industry 4.0. It is the first-ever "how-to" guide on frequently overlooked practical, methodological, and moral questions in any nations' journey to reducing energy consumption in IoT devices. The book discusses several examples of energy-efficient IoT, ranging from simple devices like indoor temperature sensors, to more complex sensors (e.g. electrical power measuring devices), actuators (e.g. HVAC room controllers, motors) and devices (e.g. industrial circuit-breakers, PLC for home, building or industrial automation). It provides a detailed approach to conserving energy in IoT devices, and comparative case

studies on performance evaluation metrics, state-of-the-art approaches, and IoT legislation.

Information Systems Security Vinod Ganapathy 2018-12-10 This book constitutes the refereed proceedings of the 14th International Conference on Information Systems Security, ICISS 2018, held in Bangalore, India, in December 2018.The 23 revised full papers presented in this book together with 1 invited paper and 3 keynote abstracts were carefully reviewed and selected from 51 submissions. The papers are organized in the following topical sections: security for ubiquitous computing; modelling and anaylsis of attacks; smartphone security; cryptography and theory; enterprise and cloud security; machine learning and security; privacy; and client security and authentication.

ICCWS 2017 12th International Conference on Cyber Warfare and Security Dr. Robert F. Mills 2017

Radio Frequency Identification: Security and Privacy Issues Nitesh Saxena 2014-11-14 This book constitutes the refereed post-proceedings of the 10th Workshop on RFID Security and Privacy, RFIDSec 2014, held in Oxford, UK, in 2014. The 9 revised full papers and 4 short papers presented in this volume were carefully reviewed and selected from 27 submissions. The papers deal with topics such as RFID power-efficiency, privacy, authentication and side channels, and key exchange.

The Jones & Baker Curb News ... Jones & Baker, Firm, Brokers 1919

Mother Jones 1984

Tales Amiri Baraka 2016-02-16 "A clutch of early stories from the poet, playwright, and provocateur, infused with jazz and informed by racial alienation" (Kirkus Reviews). "Baraka was, without question, the central figure of the Black Arts Movement, and was the most important theorist of that movement's expression of the 'Black Aesthetic,' which took hold of the African American cultural imagination in earnest in the late sixties. While known primarily for his plays, poems, and criticism of black music, Baraka was also a master of the short story form, as this collection attests. Tales first appeared in 1967 and is an impressionistic and sometimes surrealistic collection of short fiction, showcasing Amiri Baraka's great impact on African American literature of the 1950s and 1960s. Tales is a critical volume in Amiri Baraka's oeuvre, and an important testament to his remarkable literary legacy." —Henry Louis Gates Jr. The sixteen artful and nuanced stories in this reissue of Amiri Baraka's seminal 1967 collection fall into two parts: the first nine concern themselves with the sensibility of a hip, perceptive young black man in white America. The last seven stories endeavor to place that same man within the context of his awareness of and participation in a rapidly emerging and powerfully felt negritude. They deal, it might be said, with the black man in black America. Yet these tales are not social tracts, but absolutely masterful fiction—provocative, witty, and, at times, bitter and aggressive.

Cloud Computing and Security Xingming Sun 2018-09-25 This six volume set LNCS 11063 – 11068 constitutes the thoroughly refereed conference proceedings of the 4th International Conference on Cloud Computing and Security, ICCCS 2018, held in Haikou, China, in June 2018. The 386 full papers of these six volumes were carefully reviewed and selected from 1743 submissions. The papers cover ideas and achievements in the theory and practice of all areas of inventive systems which includes control, artificial intelligence, automation systems, computing systems, electrical and informative systems. The six volumes are arranged according to the subject areas as follows: cloud computing, cloud security, encryption, information hiding, IoT security, multimedia forensics

Guide to Bluetooth Security Karen Scarfone 2009-05-01 This document provides info. to organizations on the security capabilities of Bluetooth and provide recommendations to organizations employing Bluetooth technologies on securing them effectively. It discusses Bluetooth technologies and security capabilities in technical detail. This document assumes that the readers have at least some operating system, wireless networking, and security knowledge. Because of the constantly changing nature of the wireless security industry and the threats and

vulnerabilities to the technologies, readers are strongly encouraged to take advantage of other resources (including those listed in this document) for more current and detailed information. Illustrations.

Advances in Human Factors and Ergonomics in Healthcare and Medical Devices Vincent Duffy 2017-06-17 This book discusses the latest advances in human factors and ergonomics, focusing on methods for improving quality, safety, efficiency, and effectiveness in patient care. By emphasizing the physical, cognitive, and organizational aspects of human factors and ergonomics applications, it presents various perspectives, including those of clinicians, patients, health organizations, and insurance providers. The book describes cutting-edge applications, highlighting best practices for staff interactions with patients, as well as interactions with computers and medical devices. It also presents new findings related to improved organizational outcomes in healthcare settings, and approaches to modeling and analysis specifically targeting those work aspects unique to healthcare. Based on the AHFE 2017 International Conference on Human Factors and Ergonomics in Healthcare and Medical Devices, held on July 17–21, 2017, in Los Angeles, California, USA, the book is intended as a timely reference guide for both researchers involved in the design of healthcare systems and devices and for healthcare professionals working to deliver safe and effective health service. Moreover, by providing a useful survey of cutting-edge methods for improving organizational outcomes in healthcare settings, the book also represents a source of inspiration for healthcare counselors and international health organizations.

Interconnecting Smart Objects with IP Jean-Philippe Vasseur 2010-07-06 Interconnecting Smart Objects with IP: The Next Internet explains why the Internet Protocol (IP) has become the protocol of choice for smart object networks. IP has successfully demonstrated the ability to interconnect billions of digital systems on the global Internet and in private IP networks. Once smart objects can be easily interconnected, a whole new class of smart object systems can begin to evolve. The book discusses how IP-based smart object networks are being designed and deployed. The book is organized into three parts. Part 1 demonstrates why the IP architecture is well suited to smart object networks, in contrast to non-IP based sensor network or other proprietary systems that interconnect to IP networks (e.g. the public Internet of private IP networks) via hard-to-manage and expensive multi-protocol translation gateways that scale poorly. Part 2 examines protocols and algorithms, including smart objects and the low power link layers technologies used in these networks. Part 3 describes the following smart object network applications: smart grid, industrial automation, smart cities and urban networks, home automation, building automation, structural health monitoring, and container tracking. Shows in detail how connecting smart objects impacts our lives with practical implementation examples and case studies Provides an in depth understanding of the technological and architectural aspects underlying smart objects technology Offers an in-depth examination of relevant IP protocols to build large scale smart object networks in support of a myriad of new services

Physical Layer Security Khoa N. Le 2021-01-24 This book studies the vulnerability of wireless communications under line-of-sight (LoS) and non-LoS correlated fading environments. The authors theoretically and practically provide physical layer security analyses for several technologies and networks such as Fifth-Generation (5G) networks, Internet of Things (IoT) applications, and Non-orthogonal multiple access (NOMA). The authors have provided these under various practical scenarios, and developed theoretical aspects to validate their proposed applications. Presents physical layer security (PLS) under correlated fading environments, 5G wireless networks, and NOMA networks; Provides end-to-end analyses, combination of channel correlation and outdated CSI and their effects on PL; Includes contributions of PLS research written by global experts in academia and industry.

Population Health Informatics Joshi 2017-09-26 Population Health Informatics addresses the growing opportunity to utilize technology to put into practice evidence-based solutions to improve population health outcomes across diverse settings. The book focuses on how to

operationalize population informatics solutions to address important public health challenges impacting individuals, families, communities, and the environment in which they live. The book uniquely uses a practical, step-by-step approach to implement evidence-based, data- driven population informatics solutions.

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