Wireless Communication Local Author Jaya

Presents information about the state of Louisiana, its nickname, flag, motto, and emblems.

This is one of the first books on the emerging research topic of digital compensation of RF imperfections. The book presents a new multidisciplinary vision on the design of wireless communication systems. In this approach the imperfections of the RF front-ends are accepted and digital signal processing algorithms are designed to suppress their impact on system performance. The book focuses on multiple-antenna orthogonal frequency division multiplexing (MIMO OFDM).

Analyse wireless network performance and improve design choices for future architectures and protocols with this rigorous introduction to stochastic geometry.

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

Communication in Everyday Life

RFID-based Sensor Networking

Comparative Studies

Future Prospects for Food and Feed Security

AI and Learning Systems

Three Approaches

Antennas and propagation are of fundamental importance to the coverage, capacity and quality of all wireless communication systems. This book provides a solid grounding in antennas and propagation, covering terrestrial and satellite radio systems in both mobile and fixed contexts. Building on the highly successful first edition, this fully updated text features significant new material and brand new exercises and supplementary materials to support course tutors. A vital source of information for practising and aspiring wireless communication engineers as well as for students at postgraduate and senior undergraduate levels, this book provides a fundamental grounding in the principles of antennas and propagation without excessive recourse to mathematics. It also equips the reader with practical prediction techniques for the design and analysis of a very wide range of common wireless communication systems. Including: Overview of the fundamental electromagnetic principles underlying propagation and antennas. Basic concepts of antennas and their application to specific wireless systems. Propagation measurement, modelling and prediction for fixed links, macrocells, microcells, picocells and megacells Narrowband and wideband channel modelling and the effect of the channel on communication system performance. Methods that overcome and transform channel impairments to enhance performance using diversity, adaptive antennas and equalisers. Key second edition updates: New chapters on Antennas for Mobile Systems and Channel Measurements for Mobile Radio Systems. Coverage of new technologies, including MIMO antenna systems, Ultra Wideband (UWB) and the OFDM technology used in Wi-Fi and WiMax systems. Many new propagation models for macrocells, microcells and picocells. Fully revised and expanded end-of-chapter exercises. The Solutions Manual can be requested from http://www.wiley.com/go/saunders_antennas_2e

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.

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.

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.

From TED Speakers to Business Legends, Why Some Ideas Catch On and Others Don't

Stochastic Geometry for Wireless Networks

The Storyteller's Secret

Media, Communication and Development

HWM

2nd Edition

Internet of Things and Connected Technologies

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

A comprehensive overview of the 5G landscape covering technology options, most likely use cases and potential system architectures.

How did a Venice Beach T-shirt vendor become television's most successful producer? How did an entrepreneur who started in a garage create the most iconic product launches in business history? How did a timid pastor's son overcome a paralyzing fear of public speaking to captivate sold-out crowds at Yankee Stadium, twice? How did a human rights attorney earn TED's longest standing ovation, and how did a Facebook executive launch a movement to encourage millions of women to "lean in"? They told brilliant stories. In The Storyteller's Secret: From TED Speakers to Business Legends, Why Some Ideas Catch on and Others Don't, keynote speaker, bestselling author, and communication expert Carmine Gallo reveals the keys to telling powerful stories that inspire, motivate, educate, build brands, launch movements, and change lives. The New York Times has called a well-told story "a strategic tool with irresistible power" - the proof lies in the success stories of 50 icons, leaders, and legends featured in The Storyteller's Secret: entrepreneurs like Richard Branson, Sara Blakely, Elon Musk, Steve Jobs, and Sheryl Sandberg; spellbinding speakers like Dr. Martin Luther King, Jr., Bryan Stevenson, and Malala Yousafzai; and business leaders behind famous brands such as Starbucks, Southwest Airlines, Wynn Resorts, Whole Foods, and Pixar. Whether your goal is to educate, fundraise, inspire teams, build an award-winning culture, or to deliver memorable presentations, a story is your most valuable asset and your competitive advantage. In The Storyteller's Secret, Gallo explains why the brain is hardwired to love stories - especially rags-to-riches stories - and how the latest science can help you craft a persuasive narrative that wins hearts and minds. "The art of storytelling can be used to drive change," says billionaire entrepreneur Richard Branson. And since the next decade will see the most change our civilization has ever known, your story will radically transform your business, your life, and the lives of those you touch. Ideas that catch on are wrapped in story. Your story can change the world. Isn't it time you shared yours?

From debut novelist Jason June comes a moving and hilarious sex-positive teen rom-com about the complexities of first loves, first hookups, and first heartbreaks—and how to stay true to yourself while embracing what you never saw coming, that's perfect for fans of Sandhya Menon and Becky Albertalli. There's one thing Jay Collier knows for sure—he's a statistical anomaly as the only out gay kid in his small rural Washington town. While all his friends can't stop talking about their heterosexual hookups and relationships, Jay can only dream of his own firsts, compiling a romance to-do list of all the things he hopes to one day experience—his Gay Agenda. Then, against all odds, Jay's family moves to Seattle and he starts his senior year at a new high school with a thriving LGBTQIA+ community. For the first time ever, Jay feels like he's found where he truly belongs. But as Jay begins crossing items off his list, he'll soon be torn between his heart and his hormones, his old friends and his new ones . . . because after all, life and love don't always go according to plan.

The Local Dynamics of Innovation

The Shipping News

Principles of Mobile Communication

Homelessness, Health, and Human Needs

Handbook of Research on Intrusion Detection Systems

Empire of Bones

5G Mobile and Wireless Communications Technology

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.

Edible insects have always been a part of human diets, but in some societies there remains a degree of disdain and disgust for their consumption. Insects offer a significant opportunity to merge traditional knowledge and modern science to improve human food security worldwide. This publication describes the contribution of insects to food security and examines future prospects for raising insects at a commercial scale to improve food and feed production, diversify diets, and support livelihoods in both developing and developed countries. Edible insects are a promising alternative to the conventional production of meat, either for direct human consumption or for indirect use as feedstock. This publication will boost awareness of the many valuable roles that insects play in sustaining nature and human life, and it will stimulate debate on the expansion of the use of insects as food and feed.

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.

This book is a collection of peer-reviewed best selected research papers presented in 3rd International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT 2020). The book covers new results in theory, methodology, and applications of computer networks and data communications. It includes original papers on computer networks, network protocols and wireless networks, data communication technologies, and network security. The proceedings of this conference is a valuable resource, dealing with both the important core and the specialized issues in the areas of next generation wireless network design, control, and management, as well as in the areas of protection, assurance, and trust in information security practice. It is a reference for researchers, instructors, students, scientists, engineers, managers, and industry practitioners for advance work in the area.

Information Technology and Mobile Communication

Next Generation Wireless LANs

International Conference, AIM 2011, Nagpur, Maharashtra, India, April 21-22, 2011, Proceedings

802.11n and 802.11ac

Geoheritage and Geotourism Resources

Wireless Communication and Sensor Network

Jaya

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.

Winner of the Pulitzer Prize, Annie Proulx's The Shipping News is a vigorous, darkly comic, and at times magical portrait of the contemporary North American family. Quoyle, a third-rate newspaper hack, with a "head shaped like a crenshaw, no neck, reddish hair...features as bunched as kissed fingertips," is wrenched violently out of his workaday life when his two-timing wife meets her just desserts. An aunt convinces Quoyle and his two emotionally disturbed daughters to return with her to the starkly beautiful coastal landscape of their ancestral home in Newfoundland. Here, on desolate Quoyle's Point, in a house empty except for a few mementos of the family's unsavory past, the battered members of three generations try to cobble up new lives. Newfoundland is a country of coast and cove where the mercury rarely rises above seventy degrees, the local culinary delicacy is cod cheeks, and it's easier to travel by boat and snowmobile than on anything with wheels. In this harsh place of cruel storms, a collapsing fishery, and chronic unemployment, the aunt sets up as a yacht upholsterer in nearby Killick-Claw, and Quoyle finds a job reporting the shipping news for the local weekly, the Gammy Bird (a paper that specializes in sexual-abuse stories and grisly photos of car accidents). As the long winter closes its jaws of ice, each of the Quoyles confronts private demons, reels from catastrophe to minor triumph—in the company of the obsequious Mavis Bangs; Diddy Shovel the strongman; drowned Herald Prowse; cane-twirling Beety; Nutbeem, who steals foreign news from the radio; a demented cousin the aunt refuses to recognize; the much-zippered Alvin Yark; silent Wavey; and old Billy Pretty, with his bag of secrets. By the time of the spring storms Quoyle has learned how to gut cod, to escape from a pickle jar, and to tie a true lover's knot.

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.

A bold and provocative novel of the future. Millions of years ago, alien beings seeded Earth with their genetic strands to create a new outpost of intelligent life. Now their descendants have returned to Earth's skies, drawn by their detection of a Receiver, a human with the genetic ability to tap into alien communications. It is the signal that Earth is ready to be absorbed into a vast galactic empire. Jaya Nihalani has been a prophet, a crusader, and terrorist fighting for the rights of her own despised Untouchable caste. Now she lies in an Indian hospital, dying of a hideous disease. Her head is filled with voices and visions; her body is aging rapidly, inexplicably. But the voices and visions are no disease. Jaya is the Receiver whom the aliens intend to heal, enlighten . . . and use. Soon the subcontinent erupts in riots and chaos as powerful forces attempt to co-opt the enigmatic alien emissaries, and a shocked world await sits fate. Jaya must somehow discover the plans of her perfect and powerful 'friends'. Have they come to end human suffering, or to make it worse? Should she help them -- or lead the impossible fight against them? 'Crafted and polished science fiction, with an involving cast of characters - easily strong enough never to be upstaged by the astonishing an ingenious plot, sets and technology' Tanith Lee

INFORMS Conference Program

Who's who in Entertainment

Train Your Mind for Peace and Purpose Every Day

Business America

Edible Insects

RF Imperfections in High-rate Wireless Systems

Communication in Everyday Life: Personal and Professional Contexts is a comprehensive introduction to interpersonal communication and the different contexts-both personal and professional-in which communication and interaction take place.

Over the last few years, interest in the industrial applications of AI and learning systems has surged. This book covers the recent developments and provides a broad perspective of the key challenges that characterize the field of Industry 4.0 with a focus on applications of AI. The target audience for this book includes engineers involved in automation system design, operational planning, and decision support. Computer science practitioners and industrial automation platform developers will also benefit from the timely and accurate information provided in this work. The book is organized into two main sections comprising 12 chapters overall: •Digital Platforms and Learning Systems •Industrial Applications of AI

There have always been homeless people in the United States, but their plight has only recently stirred widespread public reaction and concern. Part of this new recognition stems from the problem's prevalence: the number of homeless individuals, while hard to pin down exactly, is rising. In light of this, Congress asked the Institute of Medicine to find out whether existing health care programs were ignoring the homeless or delivering care to them inefficiently. This book is the report prepared by a committee of experts who examined these problems through visits to city slums and impoverished rural areas, and through an analysis of papers written by leading scholars in the field.

Good design is the key to the manufacture of successful commercial products. It encompasses creativity, technical ability, communication at all levels, good management and the abiltity to mould these attributes together. There are no single answers to producing a well designed product. There are however tried and tested principles which, if followed, increase the likely success of any final product. Engineering Design Principles introduces these principles to engineering students and professional engineers. Drawing on historical and familiar examples from the present, the book provides a stimulating guide to the principles of good engineering design. The comprehensive coverage of this text makes it invaluable to all undergraduates requiring a firm foundation in the subject. Introduction to principles of good engineering design like: problem identification, creativity, concept selection, modelling, design management and information gathering Rich selection of historical and familiar present examples

Proceedings of ICECMSN 2021

Think Like a Monk

Futuristic Communication and Network Technologies

Antennas and Propagation for Wireless Communication Systems

Personal and Professional Contexts

Select Proceedings of VICFCNT 2020

Jay's Gay Agenda

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.

Principles of Mobile CommunicationSpringer Science & Business Media

"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 A Most Anticipated Novel of Fall 2021 by Entertainment Weekly, NPR, New York Post, The Boston Globe, Fortune, Buzzfeed, Goodreads, Shondaland, PopSugar, Bustle, Betches, Lit Hub, Crime Reads, BookRiot, Crime by the Book, The Nerd Daily, The Every Girl, and more! 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?

Jay Shetty, social media superstar and host of the #1 podcast On Purpose, distills the timeless wisdom he learned as a monk into practical steps anyone can take every day to live a less anxious, more meaningful life. When you think like a monk, you'll understand: -How to overcome negativity -How to stop overthinking -Why comparison kills love -How to use your fear -Why you can't find happiness by looking for it -How to learn from everyone you meet -Why you are not your thoughts -How to find your purpose -Why kindness is crucial to success -And much more... Shetty grew up in a family where you could become one of three things—a doctor, a lawyer, or a failure. His family was convinced he had chosen option three: instead of attending his college graduation ceremony, he headed to India to become a monk, to meditate every day for four to eight hours, and devote his life to helping others. After three years, one of his teachers told him that he would have more impact on the world if he left the monk's path to share his experience and wisdom with others. Heavily in debt, and with no recognizable skills on his ré sumé , he moved back home in north London with his parents. Shetty reconnected with old school friends—many working for some of the world's largest corporations—who were experiencing tremendous stress, pressure, and unhappiness, and they invited Shetty to coach them on well-being, purpose, and mindfulness. Since then, Shetty has become one of the world's most popular influencers. In 2017, he was named in the Forbes magazine 30-under-30 for being a game-changer in the world of media. In 2018, he had the #1 video on Facebook with over 360 million views. His social media following totals over 38 million, he has produced over 400 viral videos which have amassed more than 8 billion views, and his podcast, On Purpose, is consistently ranked the world's #1 Health and Wellness podcast. In this inspiring, empowering book, Shetty draws on his time as a monk to show us how we can clear the roadblocks to our potential and power. Combining ancient wisdom and his own rich experiences in the ashram, Think Like a Monk reveals how to overcome negative thoughts and habits, and access the calm and purpose that lie within all of us. He transforms abstract lessons into advice and exercises we can all apply to reduce stress, improve relationships, and give the gifts we find in ourselves to the world. Shetty proves that everyone can—and should—think like a monk.

Handbook of Research on 5G Networks and Advancements in Computing, Electronics, and Electrical Engineering

Louisiana Facts and Symbols

An Illustrated Retelling of the Mahabharata

4th International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2019

Evolutionary Computing and Mobile Sustainable Networks

Industrial Applications and Future Directions

Impact and Digital Compensation

Includes articles on international business opportunities.

1. The book is the complete Preparatory Guide for Banking Awareness 2. Entire syllabus has been split into 11 chapter 3. Each chapter contains theories and solved problems for revision 4. Unsolved problems have been accompanied after every chapter 5. Banking Glossary have provided after every chapter 6. 5 Practice Sets have been given for self-analysis The updated edition of "Banking Awareness" serves as an extremely valuable asset for aspirants who are preparing for banking recruitment exams. Especially designed according to the latest pattern, this book is divided into 18 chapters, giving proper coverage in Economy, Banking and Finance Sector, etc. All the relevant & important chapters & topics on Banking Awareness are covered in the book concisely in a reader-friendly manner. Most of the practice questions given in the book are incorporated from various previous years' question papers & solved Papers in a Chapterwise manner. 3 Practice sets, abbreviation and glossary are given at the end. This book not only serves as study guide but also as a practice tool to test your banking knowledge. It is highly recommended for the aspirants to sharpen their Problem solving skills with intensive practice of numerous questions provided in the book, and prepare them to face their exam with confidence. TOC Indian Banking and its History, Indian Banking Structure, Reserve Bank of India, Banking Regulation System, Banking Innovation in India, Banking Services in India, Financial Reforms in Banks, Banking Committees and Financial Standards, Financial Institutions in India, Money and Financial Market, Capital Market, Insurance and NBFCs, Tax System in India, Public Finance and Budget, Indian Economy, Industry and Trade, International Organisation and World Bank, Important Government Schemes, Practice Sets (1-3), Abbreviation, Glossary, Financial and Banking Current Affairs.

Nothing prepares Jaya, a New York journalist, for the heartbreak of her third miscarriage and the slow unraveling of her marriage in its wake. Desperate to assuage her deep anguish, she decides to go to India to uncover answers to her family's past.

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.

Intelligent Computing Techniques for Smart Energy Systems

The Global Innovation Index 2013

Proceedings of ICTSES 2018

Proceedings of the International Conference on Wireless Communication and Sensor Network (WCSN 2015)

Wireless Communication in Underground Mines

Engineering Design Principles

Computer Networks and Inventive Communication Technologies

"This book provides examinations of the adoption and impact of e-government"--Provided by publisher.

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 lif 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 hazardo 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 a 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 sys 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 High above the sky stands Swarga, paradise, abode of the gods. Still above is Vaikuntha, heaven, abode of God. The doorkeepers of Vaikuntha are the twins, Jaya and Vijaya, both whose names mean 'victory'. One keeps you in Swarga: the other raises you into Vaikuntha. In Vaikunt there is pleasure for only as long as you deserve. What is the difference between Jaya and Vijaya? Solve this puzzle and you will solve the mystery of the Mahabharata. In this enthralling retelling of India's greatest epic, the Mahabharata, originally known as Jaya, Devdutt Pattana narrative plots from the Sanskrit classic as well as its many folk and regional variants, including the Pandavani of Chattisgarh, Gondhal of Maharashtra, Terukkuttu of Tamil Nadu, and Yakshagana of Karnataka. Richly illustrated with over 250 line drawings by the author, the 108 c details such as the names of the hundred Kauravas, the worship of Draupadi as a goddess in Tamil Nadu, the stories of Astika, Madhavi, Jaimini, Aravan and Barbareek, the Mahabharata version of the Shakuntalam and the Ramayana, and the dating of the war based on astronomic tales in this elegant volume reveal the eternal relevance of the Mahabharata, the complex and disturbing meditation on the human condition that has shaped Indian thought for over 3000 years.

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, featurin 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 studen electrical & electronic engineering, and condensed matter physics.

Introduction to Wireless and Mobile Systems

Banking Awareness

Handbook of Research on Strategies for Local E-Government Adoption and Implementation: Comparative Studies

A Novel

Proceedings of Third ICCNCT 2020

Principles of Mobile Communication provides an authoritative treatment of the fundamentals of mobile communications, one of the fastest growing areas of the modern telecommunications industry. The book stresses the fundamentals of mobile communications engineering that are important for the design of any mobile system. Less emphasis is placed on the description of existing and proposed wireless standards. This focus on fundamental issues should be of benefit not only to students taking formal instruction but also to practising engineers who are likely to already have a detailed familiarity with the standards and are seeking to deepen their knowledge of this important field. The book stresses mathematical modeling and analysis, rather than providing a qualitative overview. It has been specifically developed as a textbook for graduate level instruction and a reference book for practising engineers and those seeking to pursue research in the area. The book contains sufficient background material for the novice, yet enough advanced material for a sequence of graduate level courses. Principles of Mobile Communication treats a variety of contemporary issues, many of which have been treated before only in the journals. Some material in the book has never appeared before in the literature. The book provides an up-to-date treatment of the subject area at a level of detail that is not available in other books. Also, the book is unique in that the whole range of topics covered is not presently available in any other book. Throughout the book, detailed derivations are provided and extensive references to the literature are made. This is of value to the reader wishing to gain detailed knowledge of a particular topic.

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.

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.