

2023-06-27

U.S. Department of Transportation Federal Motor Carrier Safety Administration Register

2006-10

offers a vivid description of the ongoing transformation of the web into something that is widely recognized and that will have an enormous impact on how people work and live their lives in the future presents concepts that will help readers understand why the web evolved as it did what is going on right now and what will happen next

Humanizing the Web

2013-02-06

spring 1958 a mysterious individual believed to be high up in the polish secret service began passing soviet secrets to the west his name was michal goleniewski and he remains one of the most important yet least known and most misunderstood spies of the cold war even his death is shrouded in mystery and he has been written out of the history of cold war espionage until now tim tate draws on a wealth of previously unpublished primary source documents to tell the dramatic true story of the best spy the west ever lost of how goleniewski exposed hundreds of kgb agents operating undercover in the west from george blake and the portland spy ring to a senior swedish air force and nato officer and a traitor inside the israeli government the information he produced devastated intelligence services on both sides of the iron curtain bringing together love and loyalty courage and treachery betrayal greed and ultimately insanity here is the extraordinary true story of one of the most significant but little known spies of the cold war acclaim for the spy who was left out in the cold totally gripping a masterpiece tate lifts the lid on one of the most important and complex spies of the cold war who passed secrets to the west and finally unmasked traitor george blake helen fry author of mi9 a history of the secret service for escape and evasion in world war two a wonderful and at times mind boggling account of a bizarre and almost forgotten spy right up to the time when he s living undercover in queens new york and claiming to be the last of the romanoffs simon kuper author of the happy traitor a highly readable and thoroughly researched account of one of the cold war s most intriguing and tragic spy stories owen matthews author of an impeccable spy

The Spy who was left out in the Cold

2021-05-27

michal goleniewski was one of the cold war s most important spies but has been overlooked in the vast literature on the intelligence battles between the western powers and the soviet bloc renowned investigative journalist kevin coogan reveals goleniewski s extraordinary story for the first time in this biography goleniewski rose to be a senior officer in the polish intelligence service a position which gave him access to

both polish and russian secrets disillusioned with the soviet bloc he made contact with the cia sending them letters containing significant intelligence he then decided to defect and fled to america in 1961 via an elaborate escape plan in berlin his revelations led to the exposure of several important soviet spies in the west including the portland spy ring in the uk the mi6 traitor george blake and a spy high up in the west german intelligence service despite these hugely important contributions to the cold war goleniewski would later be abandoned by the cia after he made the outrageous claim that he was actually tsarevich alexei nikolaevich of russia the last remaining member of the romanov russian royal family and therefore entitled to the lost treasures of the tsar goleniewski s increasingly fantastical claims led to him becoming embroiled in a bizarre demi monde of russian exiles anti communist fanatics right wing extremists and chivalric orders with deep historical roots in america s racist and antisemitic underground this fascinating and revelatory biography will be of interest to students and researchers of the cold war intelligence history and right wing extremism as well as general readers with an interest in these intriguing subjects

The Spy Who Would Be Tsar

2021-09-16

due to the development of mobile and 2 0 technology knowledge transfer storage and retrieval have become much more rapid in recent years there have been more and more new and interesting findings in the research field of knowledge management this book aims to introduce readers to the recent research topics it is titled new research on knowledge management technology and includes 13 chapters in this book new km technologies and systems are proposed the applications and potential of all km technologies are explored and discussed it is expected that this book provides relevant information about new research trends in comprehensive and novel knowledge management studies and that it serves as an important resource for researchers teachers and students and for the development of practices in the knowledge management field

New Research on Knowledge Management Technology

2012-02-24

the iot is the next manifestation of the internet the trend started by connecting computers to computers progressed to connecting people to people and is now moving to connect everything to everything the movement started like a race with a lot of fanfare excitement and cheering we re now into the work phase and we have to figure out how to make the dream come true the iot will have many faces and involve many fields as it progresses it will involve technology design security legal policy business artificial intelligence design big data and forensics about any field that exists now this is the reason for this book there are books in each one of these fields but the focus was always an inch wide and a mile deep there s a need for a book that will introduce the iot to non engineers and allow them to dream of the possibilities and explore the work venues in this area the book had to be a mile wide and a few inches deep the editors met this goal by engaging experts from a number of fields and asking them to come together to create an introductory iot book fundamentals of internet of things for non engineers provides a comprehensive view of the current fundamentals and the anticipated future trends in the realm of

internet of things from a practitioner s point of view brings together a variety of voices with subject matter expertise in these diverse topical areas to provide leaders students and lay persons with a fresh worldview of the internet of things and the background to succeed in related technology decision making enhances the reader s experience through a review of actual applications of internet of things end points and devices to solve business and civic problems along with notes on lessons learned prepares readers to embrace the internet of things era and address complex business social operational educational and personal systems integration questions and opportunities

Fundamentals of Internet of Things for Non-Engineers

2019-06-07

the thrilling never before told story of agent sniper one of the cold war s most effective counter agents michal goleniewski cover name sniper was one of the most important spies of the early cold war for almost three years as a lieutenant colonel at the top of poland s espionage service he smuggled thousands of top secret soviet bloc intelligence and military documents as well as 160 rolls of microfilm from behind the iron curtain then in january 1961 he abandoned his wife and children to make a dramatic defection across divided berlin with his east german mistress to the safety of american territory there he exposed more than 1 600 soviet bloc agents operating undercover in the west more than any single spy in history the cia called goleniewski one of the west s most valuable counterintelligence sources but in late 1963 he was abandoned by the us government because of a split inside the agency and over questions about his mental stability and his trustworthiness goleniewski bears some of the blame for his troubled legacy he made baseless assertions about his record notably that he was the first to expose kim philby he also bizarrely claimed to be tsarevich aleksei romanoff heir to the russian throne who had miraculously survived the 1918 massacre of his family for more than fifty years american and british intelligence services have sought to erase goleniewski from the history of cold war espionage the vast bulk of his once substantial cia and mi5 files remain closed only fragments of his material crop up in the de classified dossiers on the kgb spies he exposed or the memoirs of cia officers who dealt with him but his newly released polish intelligence file reveals the remarkable extent of his espionage on behalf of the west a never before told story that brings together love and loyalty courage and treachery betrayal greed and ultimately insanity tim tate s agent sniper is a crackling page turner that takes readers back to the post war world and a time when no one was what they seemed

Agent Sniper

2021-12-14

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2003-05

although the information and communication technology ict industry accounted for only 2 percent of global greenhouse gas emissions in 2007 the explosive increase in data traffic brought about by a rapidly growing user base of more than a billion wireless subscribers is expected to nearly double that number by 2020 it is clear that now is the ti

Tulsa Journal of Comparative & International Law

2006

telecommunications essentials second edition provides a comprehensive overview of the rapidly evolving world of telecommunications providing an in depth one stop reference for anyone wanting to get up to speed on the 1 2 trillion telecommunications industry this book not only covers the basic building blocks but also introduces the most current information on new technologies this edition features new sections on ip telephony vpns ngn architectures broadband access alternatives and broadband wireless applications and it describes the technological and political forces at play in the world of telecommunications around the globe topics include communications fundamentals from traditional transmission media to establishing communicationschannels to the pstn data networking and the internet including the basics of data communications local area networking wide area networking and the internet and ip infrastructures next generation networks including the applications characteristics and requirements of the new generation of networks that are being built to quickly and reliably carry the ever increasing network traffic focusing on ip services network infrastructure optical networking and broadband access alternatives wireless networking including the basics of wireless networking and the technologies involved in wwans wmans wlans and wpans

Green Networking and Communications

2013-10-29

this volume contains the conference proceedings of the 4th international s posium on leveraging applications of formal methods veri cation and vali tion isola 2010 which was held in greece heraklion crete october 18 21 2010 and sponsored by easst following the tradition of its forerunners in 2004 2006 and 2008 in cyprus and chalchidiki and the isola workshops in greenbelt usa in 2005 in poitiers france in 2007 and in potsdam germany in 2009 isola 2010 p vided a forum for developers users and researchers to discuss issues related to the adoption and use of rigorous tools and methods for the speci cation ana sis veri cation certi cation construction testing and maintenance of systems from the point of view of their di erent application domains thus the isola series of events serves the purpose of bridging the gap between designers and developers of rigorous tools and users in engineering and in other disciplines and to foster and exploit synergetic relationships among scientists engineers software developers decision makers and other critical thinkers in companies and organizations in particular by

providing a venue for the discussion of common problems requirements algorithms methodologies and practices isola aims at supporting researchers in their quest to improve the utility reliability exhibity and efficiency of tools for building systems and users in their search for adequate solutions to their problems

Telecommunications Essentials, Second Edition

2006-10-10

broadband is one of the most transformative technologies of the 21st century yet our understanding of its regional impacts remains somewhat rudimentary not only are issues of broadband pricing and speed relevant in this context but the overall quality of service for broadband can often dictate its impacts on regional development this book illuminates the regional impacts of this pervasive and important technology the principle aim of this book is to deepen our understanding of broadband and its connections to regional development first it uses a geospatial lens to explore how the relationship between broadband and regional development influences access to technology platforms dictates provision patterns and facilitates the shrinkage of space and time in non uniform and sometimes unexpected ways second it book provides a comprehensive guide that details the strengths and weaknesses of publically available broadband data and their associated uncertainties allowing regional development professionals and researchers to make more informed decisions regarding data use analytical models and policy recommendations finally this book is the first to detail the growing importance of broadband to digital innovation and entrepreneurship in regions this book will be of interest to regional development professionals and researchers in economics public policy geography regional science and planning

Leveraging Applications of Formal Methods, Verification, and Validation

2010-11-02

the industrial electronics handbook second edition industrial communications systems combines traditional and newer more specialized knowledge that helps industrial electronics engineers develop practical solutions for the design and implementation of high power applications embracing the broad technological scope of the field this collection explores fundamental areas including analog and digital circuits electronics electromagnetic machines signal processing and industrial control and communications systems it also facilitates the use of intelligent systems such as neural networks fuzzy systems and evolutionary methods in terms of a hierarchical structure that makes factory control and supervision more efficient by addressing the needs of all production components enhancing its value this fully updated collection presents research and global trends as published in the ieee transactions on industrial electronics journal one of the largest and most respected publications in the field modern communication systems in factories use many different and increasingly sophisticated systems to send and receive information industrial communication systems spans the full gamut of concepts that engineers require to maintain a well designed reliable communications system that can ensure successful operation of any production process delving into the subject this volume covers technical principles application specific areas technologies internet programming outlook including trends and

expected challenges other volumes in the set fundamentals of industrial electronics power electronics and motor drives control and mechatronics intelligent systems

Broadband Telecommunications and Regional Development

2015-09-07

this timely new book is a cutting edge resource for engineers involved in the electric utility industry this one of a kind resource explores the planning design and deployment of communications networks including fiber microwave rf and ethernet in electric utility spaces as related to smart grid readers are presented with an introduction to power utility communications providing a thorough overview of data transmission media electrical grid and power grid modernization communication fundamentals and fiber optic radio system design are also covered network performance and reliability considerations are discussed including channel protection system latency and cyber and grid security clear examples and calculations are presented to demonstrate reliability and availability measures for fiber optic systems

Industrial Communication Systems

2018-10-03

real time data acquisition in human physiology real time acquisition processing and interpretation a matlab based approach focuses on the design and development of a computer based system to detect and digitally process human ecg emg and carotid pulse waveforms in real time the indigenous system developed and described in this book allows for an easy to interface simple hardware arrangement for bio signal detection the computational functionality of matlab is verified for viewing digital filtration and feature extraction of acquired bio signals this book demonstrates a method of providing a relatively cost effective solution to human physiology real time monitoring processing and interpretation that is more realizable and would directly benefit a larger population of patients presents an application driven interdisciplinary and experimental approach to bio signal processing with a focus on acquiring processing and understanding human ecg emg carotid pulse data and hrv covers instrumentation and digital signal processing techniques useful for detecting and interpreting human physiology in real time including experimental layout and methodology in an easy to understand manner discusses development of a computer based system that is capable of direct interface through the sound port of a pc and does not require proprietary daq units and adc units covers a matlab based algorithm for online noise reduction features extraction techniques and infers diagnostic features in real time provides proof of concept of a pc based twin channel acquisition system for the recognition of multiple physiological parameters establishes the use of digital signal controller to enhance features of acquired human physiology presents the use of carotid pulse waveforms for hrv analysis in critical situations using a very simple hardware software arrangement

Introduction to Power Utility Communications

2016-04-30

this book provides a broad introduction to all aspects of modern telecommunications networks covering the principles of operation of the technology and the way that networks using this technology are structured the main focus is on those technologies in use today and the next generation networks ngn and how they will be implemented

Real-Time Data Acquisition in Human Physiology

2021-06-15

1961 the height of the cold war just hours before work begins on the berlin wall a kgb assassin and his young wife flee for the west before the iron curtain comes down and traps them in the east forever this gripping story of real life espionage and intrigue began when the soviets invented a special weapon that killed without leaving a trace and put it in the hands of bogdan stashinsky it is a tale of exploding parcels fake identities forbidden love and a man who knew the truth about the ussr s most classified programme by the time stashinsky had his day in court the whole world was watching

Understanding Telecommunications Networks

2006-11-15

spying in the united states began during the revolutionary war with george washington as the first director of american intelligence and benedict arnold as the first turncoat the history of american espionage is full of intrigue failures and triumphs and motives honorable and corrupt several notorious spies became household names aldrich ames robert hansen the walkers the rosenbergs and were the subjects of major motion pictures and television series many others have received less attention this book summarizes hundreds of cases of espionage for and against u s interests and offers suggestions for further reading milestones in the history of american counterintelligence are noted charts describe the motivations of traitors american targets of foreign intelligence services and american traitors and their foreign handlers a former member of the u s intelligence community the author discusses trends in intelligence gathering and what the future may hold an annotated bibliography is provided written by hayden peake curator of the historical intelligence collection of the central intelligence agency

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2001-01

this multi volume book delves into the many applications of information technology ranging from digitizing patient records to high performance computing to medical imaging and diagnostic technologies and much more

The Man with the Poison Gun

2016-12-08

at its peak the kgb komitet gosudarstvennoy bezopasnosti was the largest secret police and espionage organization in the world it became so influential in soviet politics that several of its directors moved on to become premiers of the soviet union in fact russian president vladimir v putin is a former head of the kgb the gru glavnoye razvedyvatelnoe upravlenie is the principal intelligence unit of the russian armed forces having been established in 1920 by leon trotsky during the russian civil war the gru was the first subordinate to the kgb and while the kgb broke up with the dissolution of the soviet union in 1991 the gru remains intact cohesive highly efficient and with far greater resources than its civilian counterparts these are just two of the long list of russian and soviet intelligence agencies that are covered in the historical dictionary of russian and soviet intelligence through a list of acronyms and abbreviations a chronology an introductory essay a bibliography and hundreds of cross referenced dictionary entries on organizations like the oprichnina okhrana gpu nkvd kgb gru smersh svr and fsb a clear picture of the history of this subject is presented entries also cover soviet and russian leaders leading intelligence and security officers the lenin and stalin purges the gulag and noted espionage cases

The Counterintelligence Chronology

2015-07-30

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Clinical Technologies: Concepts, Methodologies, Tools and Applications

2011-05-31

once dubbed espionage the practice of intelligence has never been more important nor more sophisticated than it is today its coming of age began during world war ii which saw the birth of the office of strategic services oss in the united states and the xx committee to supervise the activities of double agents in great britain and during the cold war where its rapid technological advances forever changed intelligence gathering methods today with the growing concern for terrorism intelligence is more vital than ever and is needed not only by major powers but virtually all countries in this time of change it is essential to consider the evolution of intelligence and how well it is coping at present that among other things is the contribution of the historical dictionary of international intelligence author nigel west s second contribution to the series includes a list of acronyms a chronology a bibliography and hundreds of cross referenced dictionary entries on the agencies and

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Directory of Pension Funds and Their Investment Managers

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The Art of UNIX Programming

2019-03-08

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2006-08-25

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