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Leveraging Global Value Chains for a Federated Approach to Defense

The Student Leadership Challenge Activities Book includes more than 50 activities that give educators a bridge between teaching The Five Practices of Exemplary Leadership model and helping students learn to apply the practices to their lives. The activities map to each of The Five Practices and are designed to be flexible, appropriate for high school and college students, and greatly improve students' understanding of The Five Practices model through action. The activities include facilitator tips for use in a variety of settings and with various age groups.

Mergent Bond Record

The Student Leadership Challenge

"The genius of Hanson's fascinating, inspiring, and entertaining book stems from the fact that it is not about how all kinds of things grow from seeds; it is about the seeds themselves." --Mark Kurlansky, New York Times Book Review
We live in a world of seeds. From our morning toast to the cotton in our clothes, they are quite literally the stuff and staff of life: supporting diets, economies, and civilizations around the globe. Just as the search for nutmeg and pepper drove the Age of Discovery, coffee beans fueled the Enlightenment and cottonseed sparked the Industrial Revolution. Seeds are fundamental objects of beauty, evolutionary

wonders, and simple fascinations. Yet, despite their importance, seeds are often seen as commonplace, their extraordinary natural and human histories overlooked. Thanks to this stunning new book, they can be overlooked no more. This is a book of knowledge, adventure, and wonder, spun by an award-winning writer with both the charm of a fireside story-teller and the hard-won expertise of a field biologist. A fascinating scientific adventure, it is essential reading for anyone who loves to see a plant grow.

Jane's Fighting Ships

Naval Air Station Patuxent River

From the creator of *Little Red Hood: A teenage fish with issues*. A suicidal, Shakespeare-quoting teenage fish with big ambitions;. April doesn't have an easy time of being a goldfish, not least because she is in fact a red fish. A teenager plagued with angst and boredom, April spins round and round in her tank, dreaming of exotic trips and exciting meetings, while philosophising Hamlet style on life's big questions. But how will she ever escape from her glass prison? And where to? Outside, a black cat is waiting for her and a battle of wits ensues. Who will pull off the ultimate April fool? AUTHOR: Marjolaine Leray was born in 1984 in a small village in the Loire-Atlantique. She attended the Duperre School of Art in Paris and now works as a graphic designer and illustrator. SELLING POINTS: * Marjolaine Leray's iconic red scribbles are back! The prequel to the best-selling and much reviewed *Little Red Hood* * Exceptionally clever, witty and oh so stylish * Huge cross over adult/teenage gift appeal Illustrated

Exploding the Myth?

If I Can't Have You, No One Can

Comprehensive and detailed analysis for implementing, complying and keeping current with Cost Accounting Standards for federal government procurement contracts.

- Applicability of standards and regulations to contractors and contracts
- Explanation of procedures involved in preparing cost impact proposals and making contract price adjustments
- Comprehensive analysis and commentary on each standard along with dozens of detailed examples
- Discussion of the Federal Acquisition Regulation and significant regulatory issues that affect Cost Accounting Standards

Fundamentals of the Physical Theory of Diffraction

This is the fourth edition of this successful professional reference book on transceiver design, the device that both sends and receives signals, and its place within the wireless communication system. It gives engineers and others a good intuitive understanding of wireless systems and spread spectrum. New topics covered include cognitive radio, systems, networks, and commercial communications. In addition, many items have been extensively updated to

improve the flow of the book and enhance comprehension. The new edition provides more of the latest technologies that are vital to wireless communications with the addition of cognition and commercial wireless systems. The revision rounds out the areas in concept and development and most importantly, adds modern developments on the cognitive areas associated with adaptive technology that makes a system smart.

Drug Repurposing and Repositioning

Lady Killer Richard Namey, 26, drug abuser and woman-beater, had already threatened a previous girlfriend with a gun, but she'd gotten away. Sarah Rodriguez, 21, wasn't so lucky. On April 16, 2002, in Orange County, California, she and her true love, Matt Corbett, 20, were forced off the road by Namey, who shot them both at point-blank range with a .357. Sarah was killed. Corbett was paralyzed for life. Real Hero After a 42-mile chase, Namey was finally cornered in a drainage tunnel by a police dog. He pleaded manslaughter, claiming he'd really meant to kill himself in front of Sarah. No deal. The man he faced was not your average deputy district attorney: Dennis Conway had pulled himself out of a wayward life torn by seemingly insurmountable tragedy and into law school. He knew all about guys like Namey--and exactly where to find the holes in his story. The verdict: first-degree murder, life sentence. Score one for the good guys. Includes 16 pages of shocking photos.

The Vertical Lift Industrial Base: Outlook 2004-2014

This report focuses on the institutional foundations that enable—or, at times, hinder—federated approaches to defense.

Managing a Global Workforce: Challenges and Opportunities in International Human Resource Management

Commercial Space Transportation: Development of the Commercial Space Launch Industry Presents Safety Oversight Challenges for FAA

Predator

Revised and updated to incorporate new research insights and findings, *Managing a Global Workforce* provides balanced and contemporary coverage of human resource management in the international marketplace. Directed at future general managers and international executives rather than HR specialists, it is designed to help readers recognize the critical human resource issues underlying the cultural and economic challenges they face. The book's approach is truly global in nature, not just focused on expatriates from the home office. The authors also recognize contemporary trends in the global business arena, including the growing use of contingent workers, strategic alliances, and the need to have an active influence on the workers in these new organizational relationships. Reader-friendly tools,

including an opening case scenario in each chapter to attract interest and emphasize topic importance, enhance the book's practical, real-world emphasis. For this edition new end-of-chapter short cases as well as new topics, ideas, and illustrations featuring current issues and challenges such as the global economic challenge have been added; and updated Internet resource references are provided for each chapter.

Accounting for Government Contracts--Cost Accounting Standards

From a cold war peak of some \$1000 billion per annum, world military expenditure has declined by about 40% since 1990, reaching its lowest level for thirty years. With such significant decline in global public expenditure commitments to the defence sector, a substantial and lasting peace dividend was anticipated. Most governments believed that market forces, left more or less to their own devices, would deal effectively with this major exogenous shock and generate sufficient new economic activity to allow increased public expenditure on health, education and welfare. The approach of this book is to challenge the fundamental but flawed belief that a substantial and lasting peace dividend could be secured through market solution alone. The principal assertion is that market adjustment by itself cannot deliver such a dividend. The book focuses on the major aspects of the economic, business and security consequences of post Cold War defence expenditure reduction. Key problems obstructing optimal market response are identified and possible remedial action by government and others is considered.

Maryland Geography

Provides an in-depth analysis of some of the most recent challenges for international businesses, such as corporate social responsibility and the phenomenon of outward foreign direct investment from China. Reflects on the new perspectives in international business by presenting the experience of successful business experts in the field.

The Last Chapter

It was July 2, 1962, when Jake Bussolini first walked through the doors of Grumman Aircraft Engineering Corporation as their newest electrical engineer. As he was escorted to a plain gray desk that resembled the hundreds of other desks that cluttered the third floor, Bussolini never dreamed that over the next thirty-two years, he would not only help design and build the Lunar Module that delivered astronauts to the moon, but also climb the corporate ladder to become an integral part of an assignment that would lead Grumman in a startlingly different direction. As he leads others behind closed doors of both executive offices and the corporate board room during challenging times in the defense industry in the early 1990s, Bussolini discloses never-before-revealed details about how a friendly merger created to survive budget cuts slowly transformed into a hostile acquisition. While describing the tense events before, during, and after the acquisition, Bussolini divulges how activities initiated by an investment banker minutes before a final decision was to be made by the Board of Directors to approve the merger changed

the course of the company's history, and the lives of its loyal employees forever. The Last Chapter shares the fascinating inside story of the 1994 acquisition of Grumman from a former company executive determined to document the final chapter in the history of a great corporation.

Security in Cyberspace

For several centuries, international relations has been primarily the purview of nation-states. Key powers have included at various times Great Britain, France, Japan, China, Russia (then the U.S.S.R., and then Russia again), and the nation most influential in international relations for the past several decades has been the United States. But in a world growing smaller, with a globalizing system increasing in complexity by the day, the nation-state paradigm is not as dominant as it once was. In *Asia in Washington*, longtime Asia analyst Kent Calder examines the concept of "global city" in the context of international affairs. The term typically has been used in an economic context, referring to centers of international finance and commerce such as New York, Tokyo, and London. But Calder extends the concept to political centers as well—particularly in this case, Washington, D.C. Improved communications, enhanced transportation, greater economic integration and activity have created a new economic village, and global political cities are arising within the new structure—distinguished not by their CEOs or stock markets but by their influence over policy decisions, and their amassing of strategic intelligence on topics from national policy trends to geopolitical risk. Calder describes the rise of Washington, D.C., as perhaps the preeminent global political city—seat of the world's most powerful government, center of NGO and multilateral policy activity, the locale of institutions such as the World Bank and IMF, and home to numerous think tanks and universities. Within Washington, the role of Asia is especially relevant for several reasons. It represents the core of the non-Western industrialized world and the most challenge to Western dominance. It also raises the delicate issue of how race matters in international global governance—a factor crucially important during a time of globalization. And since Asia developed later than the West, its changing role in Washington raises major issues regarding how rising powers assimilate themselves into global governance structure. How do Asian nations establish, increase, and leverage their Washington presence, and what is the impact on Washington itself and the decisions made there? Kent Calder explains it all in *Asia in Washington*.

Mississippi

Documents the lesser-known origin story of the Predator drone, describing the unusual individuals who shaped its innovation, the considerable resistance that hampered its development and the ways in which it has transformed modern warfare. By the author of *The Dream Machine*.

The Design of High-Efficiency Turbomachinery and Gas Turbines, second edition, with a new preface

Rizwan Sabir is back. And this time the battle is personal. An ex al-Qaeda jihadi, Riz is now a fixer for a shadowy branch of the Ministry of Defence. He has teamed up

professionally and romantically with Holly ""Bang-Bang"" Kirpachi - a hard-bitten girl gang leader. Their marriage was set to be the social event of the season. Until the wedding celebrations were interrupted by a series of murders in the East End of London. Someone is copying Jack the Ripper with a new spate of gruesome killings in Whitechapel. Riz and Bang-Bang are assigned to the case - but this is no easy mystery to crack. Can they catch the killer before he strikes again? Or are there other, darker forces at work? 'Kill Order' is an exciting police-procedural, techno-thriller that brings vividly to life both the new and the old East End. It is the third explosive instalment of the Riz Sabir series. Kill Order was originally published as 'Blood Honeymoon'.

Modeling and Simulation Support for System of Systems Engineering Applications

Drug development can be time-consuming and expensive. Recent estimates suggest that, on average, it takes 10 years and at least \$1 billion to bring a drug to market. Given the time and expense of developing drugs de novo, pharmaceutical companies have become increasingly interested in finding new uses for existing drugs - a process referred to as drug repurposing or repositioning. Historically, drug repurposing has been largely an unintentional, serendipitous process that took place when a drug was found to have an offtarget effect or a previously unrecognized on-target effect that could be used for identifying a new indication. Perhaps the most recognizable example of such a successful repositioning effort is sildenafil. Originally developed as an anti-hypertensive, sildenafil, marketed as Viagra and under other trade names, has been repurposed for the treatment of erectile dysfunction and pulmonary arterial hypertension. Viagra generated more than \$2 billion worldwide in 2012 and has recently been studied for the treatment of heart failure. Given the widespread interest in drug repurposing, the Roundtable on Translating Genomic-Based Research for Health of the Institute of Medicine hosted a workshop on June 24, 2013, in Washington, DC, to assess the current landscape of drug repurposing activities in industry, academia, and government. Stakeholders, including government officials, pharmaceutical company representatives, academic researchers, regulators, funders, and patients, were invited to present their perspectives and to participate in workshop discussions. Drug Repurposing and Repositioning is the summary of that workshop. This report examines enabling tools and technology for drug repurposing; evaluates the business models and economic incentives for pursuing a repurposing approach; and discusses how genomic and genetic research could be positioned to better enable a drug repurposing paradigm.

Fiber Optics Weekly Update November 5, 2010

The book is a complete, comprehensive description of the modern Physical Theory of Diffraction (PTD) based upon the concept of elementary edge waves. The theory is demonstrated with examples of the diffraction of acoustic and electromagnetic waves at perfectly reflecting objects. Readers develop the skills to apply PTD to solve various scattering problems. The derived analytic expressions clearly illustrate the physical structure of the scattered field. They additionally describe all of the reflected and diffracted rays and beams, as well as the fields in the vicinity

of caustics and foci. Shadow radiation, a fundamental component of PTG, is introduced and proven to contain half the total scattered power. The equivalence relationships between acoustic and electromagnetic diffracted waves are established and emphasized. Throughout the book, the author enables readers to master both the theory and its practical applications. Plotted numeric results supplement the theory and facilitate the visualization of individual contributions of distinct parts of the scattering objects to the total diffracted field Detailed comments help readers understand and implement all the critical steps of the analytic and numeric calculations Problem sets in each chapter give readers an opportunity to analyse and investigate the diffraction phenomena

Commerce, Justice, Science, and Related Agencies Appropriations for Fiscal Year 2014

øFeaturing contributions from scholars and policy practitioners in a number of diverse fields _ including sociology, political science, psychology, information systems, media studies, business, management, criminology, public policy and several branche

California

Cut through the legalese to truly understand construction law Smith, Currie & Hancock's Common Sense Construction Law is a guide for non-lawyers, presenting a practical introduction to the significant legal topics and questions affecting the construction industry. Now in its fifth edition, this useful guide has been updated to reflect the most current developments in the field, with new information on Public Private Partnerships, international construction projects, and more. Readers will find full guidance toward the new forms being produced by the AIA, AGC, and EJDC, including a full review, comparison to the old forms, areas of concern, and advice for transitioning to the new forms. The companion website features samples of these documents for ease of reference, and end of chapter summaries and checklists help readers make use of the concepts in practice. The updated instructor support material includes scenario exercises, sample curriculum, student problems, and notes highlighting the key points student responses should contain. Construction is one of the nation's single largest industries, but its fractured nature and vast economic performance leave it heavily dependent upon construction law for proper functioning. This book is a plain-English guide to how state and federal law affects the business, with practical advice on avoiding disputes and liability. Understand construction law without wading through legal theory Get information on an emerging method of funding large-scale projects Parse the complexities presented by international and overseas projects Migrate to the new AIA, AGC, and EJDC forms smoothly and confidently This book doesn't cover legal theory or serve as a lawyer's guide to case law and commentary - its strength is the clear, unaffected common-sense approach that caters to the construction professional's perspective. For a better understanding of construction law, Smith, Currie & Hancock's Common Sense Construction Law is an efficient reference.

Institutional Foundations of Federated Defense

A New York Times bestseller! Tom Clancy's Op-Center is back with this new thriller written by the New York Times bestselling authors of Tom Clancy's ACT OF VALOR and featuring a chilling, ripped-from-the-headlines scenario. Before 9/11 America was protected by a covert force known as the National Crisis Management Center. Commonly known as Op-Center, this silent, secret mantel guarded the American people and protected the country from enemies. The charter was top secret and Director Paul Hood reported directly to the president. Op-Center used undercover operatives with SWAT capabilities to diffuse crises around the world, and they were tops in their field. But after the World Trade Center disaster, in the interest of streamlining, OP-Center was disbanded-leaving the country in terrible danger. But when terrorists detonate bombs in sports stadiums around the country leaving men, women and children dead or mutilated, the President executes an emergency order to bring back Op-Center-an Op-Center capable of dealing with the high tech crises of the 21st Century, and there is a lethal one brewing in the Middle East. A renegade Saudi Prince with ambitions of controlling the world's oil supply has an ingenious plot to manipulate America into attacking Syria and launching a war against Iran. Next, they would ignite a sleeper cell to attack the America homeland, resulting in a bloodbath unlike any other. Only the men and women of Op-Center, using sophisticated technology, realize what is about to be unleashed. Only they have the courage to issue a warning no one wants to hear. But will anyone believe them?

Asia in Washington

The second edition of Mississippi: A History features a series of revisions and updates to its comprehensive coverage of Mississippi state history from the time of the region's first inhabitants into the 21st century. Represents the only available comprehensive textbook on Mississippi history specifically for use in college-level courses. Features an engaging narrative mix of topical and chronological chapters. Includes chapter objectives that may be used by professors and students. Offers coverage of Mississippi's major political, economic, social, and cultural developments. Presents two entirely new chapters on important 21st-century developments in Mississippi. Contains expanded coverage of slavery in Mississippi history. Includes completely up-to-date chapter sources, selected bibliography, and subject index.

Smith, Currie and Hancock's Common Sense Construction Law

The second edition of a comprehensive textbook that introduces turbomachinery and gas turbines through design methods and examples. This comprehensive textbook is unique in its design-focused approach to turbomachinery and gas turbines. It offers students and practicing engineers methods for configuring these machines to perform with the highest possible efficiency. Examples and problems are based on the actual design of turbomachinery and turbines. After an introductory chapter that outlines the goals of the book and provides definitions of terms and parts, the book offers a brief review of the basic principles of thermodynamics and efficiency definitions. The rest of the book is devoted to the analysis and design of real turbomachinery configurations and gas turbines, based on a consistent application of thermodynamic theory and a more empirical treatment of fluid dynamics that relies on the extensive use of design charts.

Topics include turbine power cycles, diffusion and diffusers, the analysis and design of three-dimensional free-stream flow, and combustion systems and combustion calculations. The second edition updates every chapter, adding material on subjects that include flow correlations, energy transfer in turbomachines, and three-dimensional design. A solutions manual is available for instructors. This new MIT Press edition makes a popular text available again, with corrections and some updates, to a wide audience of students, professors, and professionals.

Project on Nuclear Issues

Department of Defense Appropriations for Fiscal Year 2014

Navy analysts are struggling to keep pace with the growing flood of data collected by intelligence, surveillance, and reconnaissance sensors. This challenge is sure to intensify as the Navy continues to field new and additional sensors. The authors explore options for solving the Navy's "big data" challenge, considering changes across four dimensions: people, tools and technology, data and data architectures, and demand and demand management.

Data Flood

Naval Air Station Patuxent River (NAS Pax River) played a crucial role in forging America's naval air arm. This unique center proved to be vital for flight testing and evaluating naval aircraft and weapons systems destined for operational fleet service. NAS Pax River taught fleet pilots new tactics by conducting aircraft weapons tests, a tradition supplemented today by ground-based simulation. During and after World War II, it served as a primary center for flight testing and evaluating foreign aircraft. Some of the world's best test pilots and eventual astronauts came to NAS Pax River to hone their flight skills and to participate in the testing of naval aviation's premier aircraft. It is also home to the Naval Air Warfare Center Aircraft Division (NAWCAD) and the US Naval Test Pilot School, and it is the headquarters of the Naval Air Systems Command (NAVAIR).

April the Red Goldfish

Defence inflation is a recurring factor in determining defence spending. It is widely reported in official government publications and in the trade press, but remains relatively neglected by defence and peace economists. In this book, international contributors from Finland, Norway, Sweden, the UK and the USA distinguish between defence inflation and cost escalation, and identify the causes of both. They use specific case studies to address a wide variety of theoretical and empirical issues and key questions, including the following: Does defence inflation affect all countries? What are its effects? Why does it occur? How (if at all) can defence inflation be controlled? While most industry and trade press devote considerable ink and space to the discussion of defence inflation, cost escalation, and their consequential impact on the purchasing dollars of the armed forces, economists have been relatively silent. This book aims to rectify this oversight

through a multinational survey and analysis of the topic, while also identifying the opportunities for further theoretical and empirical research in the field. This book was originally published as a special issue of the journal *Defence and Peace Economics*.

Transceiver and System Design for Digital Communications

From the Advanced Threat Infrared Countermeasures to the XM320 grenade launcher, this comprehensive guide profiles nearly every weapon currently in use by the U.S. Army. In addition, it covers cutting-edge technology that will soon be employed by soldiers around the world. This book features: • missiles • biological detection systems • rockets • reconnaissance systems • bows and arrows (believe it or not) You name it, this book has it. Also included is a thorough discussion of Future Combat Systems (FCS), the system of systems that, when fully operational, will provide the army and the joint force with an unprecedented capability to see the enemy, engage him on their terms, and defeat him on the twenty-first-century battlefield. Skyhorse Publishing is proud to publish a range of books for readers interested in military tactics and skills. We publish content provided by or of interest to the U.S. Army, Army Rangers, the U.S. Navy, Navy SEALs, the U.S. Air Force, the U.S. Marine Corps, and the Department of Defense. Our books cover topics such as survival, emergency medicine, weapons, guns, weapons systems, hand-to-hand combat, and more. While not every title we publish becomes a New York Times bestseller or a national bestseller, we are committed to publishing books on subjects that are sometimes overlooked by other publishers and to authors whose work might not otherwise find a home.

International Handbook on Whistleblowing Research

The eighth edition of *California: A History* covers the entire scope of the history of the Golden State, from before first contact with Europeans through the present; an accessible and compelling narrative that comprises the stories of the many diverse peoples who have called, and currently do call, California home. Explores the latest developments relating to California's immigration, energy, environment, and transportation concerns Features concise chapters and a narrative approach along with numerous maps, photographs, and new graphic features to facilitate student comprehension Offers illuminating insights into the significant events and people that shaped the lengthy and complex history of a state that has become synonymous with the American dream Includes discussion of recent - and uniquely Californian - social trends connecting Hollywood, social media, and Silicon Valley - and most recently "Silicon Beach"

Tom Clancy's Op-Center: Out of the Ashes

"a much-needed handbook with contributions from well-chosen practitioners. A primary accomplishment is to provide guidance for those involved in modeling and simulation in support of Systems of Systems development, more particularly guidance that draws on well-conceived academic research to define concepts and terms, that identifies primary challenges for developers, and that suggests fruitful approaches grounded in theory and successful examples." Paul Davis, The RAND

Corporation Modeling and Simulation Support for System of Systems Engineering Applications provides a comprehensive overview of the underlying theory, methods, and solutions in modeling and simulation support for system of systems engineering. Highlighting plentiful multidisciplinary applications of modeling and simulation, the book uniquely addresses the criteria and challenges found within the field. Beginning with a foundation of concepts, terms, and categories, a theoretical and generalized approach to system of systems engineering is introduced, and real-world applications via case studies and examples are presented. A unified approach is maintained in an effort to understand the complexity of a single system as well as the context among other proximate systems. In addition, the book features: Cutting edge coverage of modeling and simulation within the field of system of systems, including transportation, system health management, space mission analysis, systems engineering methodology, and energy State-of-the-art advances within multiple domains to instantiate theoretic insights, applicable methods, and lessons learned from real-world applications of modeling and simulation The challenges of system of systems engineering using a systematic and holistic approach Key concepts, terms, and activities to provide a comprehensive, unified, and concise representation of the field A collection of chapters written by over 40 recognized international experts from academia, government, and industry A research agenda derived from the contribution of experts that guides scholars and researchers towards open questions Modeling and Simulation Support for System of Systems Engineering Applications is an ideal reference and resource for academics and practitioners in operations research, engineering, statistics, mathematics, modeling and simulation, and computer science. The book is also an excellent course book for graduate and PhD-level courses in modeling and simulation, engineering, and computer science.

The Triumph of Seeds

When he first laid eyes on the countryside around Chesapeake Bay in 1608, records reveal, Captain John Smith exclaimed, "Heaven and earth seemed never to have agreed better to frame a place for man's habitation." In *Maryland Geography*, James DiLisio—another admirer of the Free State—pays tribute to Maryland's rich cultural, historical, and geographical heritage. This up-to-date, in-depth account interprets the contemporary environmental conditions of the "Maryland" by emphasizing its evolving political and socioeconomic contours. This closely researched volume, which is loaded with instructive charts and maps, is the result of DiLisio's lifelong fascination with the geography of his adopted state and his thirty-five years teaching Maryland geography at Towson University. Arguing that regional geography is a product of both natural and human events, *Maryland Geography* provides an account of the vital geographical stage that the people of Maryland have created. DiLisio touches on Maryland's pre-European American Indian heritage, post-colonial agriculture, and shifting industrial geography, as well as the degradation of the Chesapeake Bay and the rise of the modern economy. He considers the emergence of the isolated Eastern Shore; the rural tobacco land of southern Maryland; the rugged mining area of western Maryland; the prosperous, mixed farming area of the Piedmont; and the metropolitan Baltimore-Washington corridor. More than descriptive, the book examines major trends in the state's natural, economic, and demographic in a

way that prompts thinking about the consequences of growth and unbridled development. Aimed at college-level geography students, the book will also be of great interest to general readers, historians, politicians, and anyone involved in making policies relating to Maryland places.

International Business

Открытые системы. СУБД

U.S. Army Weapons Systems 2014-2015

This report focuses on the ways that a federated defense approach can strengthen strategic partnerships and deliver more innovative defense technologies at a lower cost—by better harnessing global supply chain networks to expand the military supplier base and increase the net capability available to the network of partners and allies.

Defence Inflation

Today, the Internet has become a source of information that no country or company can forgo. It is not only used to communicate or entertain, but most importantly to operate utilities and public services such as banking or air traffic. As the reliance on computer networks across societies and economies keeps growing, so do security risks in cyberspace - referred to as "cybersecurity." Cybersecurity means protecting information and control systems from those who seek to compromise them. It also involves actors, both malicious or protective, policies and their societal consequences. This collection of essays provides a better understanding of the risks, perceptions, and myths that surround cybersecurity by looking at it from three different levels of analysis: the sovereign state, the infrastructure and stakeholders of the Internet, and the individual. The essays explore such issues as information ownership, censorship, cyberwars, cyberterrorism, privacy, and rebellion, bringing together expert knowledge from computer science and the social sciences with case studies. It reviews existing policies and practices and discusses the threats and benefits of living in an increasingly networked world. This authoritative analysis of one of the most controversial and compelling security debates of the twenty-first century will appeal to scholars and practitioners interested in security, international relations and policymaking.

Kill Order

В номере:Архитектуры систем храненияРынок систем хранения данных в 2013 году превысил 22 млрд долл., и сегодня на нем достаточно сложно выделить явного лидера, а пользователям трудно отследить новые веяния и критерии оценки появляющихся решений. Знание особенностей архитектур, технологий и тенденций поможет выбрать систему хранения, отвечающую конкретным задачам.Пополнение в семействе PowerПоявление нового

процессора – всегда событие, особенно в условиях видимой монополии одного производителя и огромной ресурсоемкости разработки новых микропроцессорных архитектур. Пополнение в семействе RISC-процессоров Power ознаменовало собой новый шаг на пути адаптации аппаратных архитектур для решения актуальных прикладных задач. Большие Данные и суперкомпьютеры Аналитика Больших Данных требует применения высокопроизводительных систем, однако на пути конвергенции этих двух миров имеется ряд препятствий. Как решать проблему Больших Данных на суперкомпьютерах? Облачные сервисы масштаба WWWГлобальные облака предлагают меняющийся и разнообразный набор сервисов, развернутых на различных платформах. При этом, несмотря на стандартные языки описания сервисов, поиск их затруднен – требуется специальный анализ для составления общего представления о современном положении дел с облачными сервисами в Web. Атаки на GPS От точной синхронизации времени зависит работа множества критически важных географически распределенных систем. На данный момент микросекундная точность наиболее экономически выгодно обеспечивается на обширной территории средствами GPS, однако имеется множество способов нарушить работу этой системы. Среда реализации логического хранилища Представив год назад архитектуру логического хранилища данных Unified Data Architecture, определяющую место и задачи различных платформ относительно источников и потребителей данных, компания Teradata предлагает теперь среду QueryGrid для унифицированной работы со всеми платформами как с единым пулом ресурсов для хранения и обработки любых типов данных. Безопасность мобильных платформ Тема июньского номера журнала Computer (IEEE Computer Society, Vol. 47, No. 6, 2014) – безопасность мобильных решений. и многое другое

Commerce, Justice, Science, and Related Agencies Appropriations for 2014

The Project on Nuclear Issues 2013 conference series included events at Northrop Grumman in May, Sandia National Laboratory in July, and CSIS in December, before concluding with a Capstone Conference at Offutt Air Force Base, home of the U.S. Strategic Command, in March 2014.

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