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The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

Shows how Christian worship in its many and changing forms interacts in significant and interesting ways with its varying contexts - cultural, social, political, economic. Giving special attention to Scotland, this title also challenges the Churches and believers to renewal of the worship of God in spirit and in truth.

This timely and hugely practical work provides a score of examples from contemporary and historical scientific presentations to show clearly what makes an oral presentation effective. It considers presentations made to persuade an audience to adopt some course of action (such as funding a proposal) as well as presentations made to communicate information, and it considers these from four perspectives: speech, structure, visual aids, and delivery. It also discusses computer-based projections and slide shows as well as overhead projections. In particular, it looks at ways of organizing graphics and text in projected images and of using layout and design to present the information efficiently and effectively.

Now in its 40th year, Emerging Trends in Real Estate is one of the most highly regarded and widely read forecast reports in the real estate industry. This updated edition provides an outlook on real estate investment and development trends, real estate finance and capital markets, trends by property sector and metropolitan area, and other real estate issues around the globe. Comprehensive and invaluable, the book is based on interviews with leading industry experts and also covers what's happening in multifamily, retail, office, industrial, and hotel development.

The amount of data in everyday life has been exploding. This data increase has been especially significant in scientific fields, where substantial amounts of data must be captured, communicated, aggregated, stored, and analyzed. Cloud Computing with e-Science Applications explains how cloud computing can improve data management in data-heavy fields such as bioinformatics, earth science, and computer science. The book begins with an overview of cloud models supplied by the National Institute of Standards and Technology (NIST), and then: Discusses the challenges imposed by big data on scientific data infrastructures, including security and trust issues Covers vulnerabilities such as data theft or loss, privacy concerns, infected applications, threats in virtualization, and cross-virtual machine attack Describes the implementation of workflows in clouds, proposing an architecture composed of two layers—platform and application Details infrastructure-as-a-service (IaaS), platform-as-a-service (PaaS), and software-as-a-service (SaaS) solutions based on public, private, and hybrid cloud computing models Demonstrates how cloud computing aids in resource control, vertical and horizontal scalability, interoperability, and adaptive scheduling Featuring significant contributions from research centers, universities, and industries worldwide, Cloud Computing with e-Science Applications presents innovative cloud migration methodologies applicable to a variety of fields where large data sets are produced. The book provides the scientific community with an essential reference for moving applications to the cloud.

The ACMT National Case Conference (NCC) is a monthly discussion of novel or interesting cases in medical toxicology. Participation is

through online webinar, and the conferences are recorded to allow for review at any time. The cases in this book are taken from recordings of NCC with edits and revisions by contributors and editors to demonstrate educational points. The majority of the case information is from the original recording and represents actual patient presentations. However, some of the details have been changed and fictional information added to enhance the educational value. This volume covers a broad range of toxicological topics, and specialty guidance is offered at the end of every case to aid non-toxicologists. The dilemmas are applicable to both academic and clinical medicine. A list of relevant questions is also provided for each case. Subjects include common toxicological problems, rare presentations of common problems, common problems with controversial treatments or difficult diagnoses, and rare problems. Case Studies in Medical Toxicology from the American College of Medical Toxicology is a detailed reference text on specific toxicological issues and also serves as a practical review for those taking board exams. As a result, this volume is an important and necessary resource for medical students, residents, and fellows, as well as primary-care physicians, intensivists, and toxicologists. Case Studies in Medical Toxicology from the American College of Medical Toxicology is a detailed reference text on specific toxicological issues and also serves as a practical review for those taking board exams. As a result, this volume is an important and necessary resource for medical students, residents, and fellows, as well as primary-care physicians, intensivists, and toxicologists. All proceeds from this book will be donated to the Medical Toxicology Foundation.

The sole survivor on a desperate, last-chance mission to save both humanity and the earth, Ryland Grace is hurtled into the depths of space when he must conquer an extinction-level threat to our species.

Free-living birds encounter multiple health hazards brought on by viruses, bacteria, and fungi, some which in turn can significantly impact other animal populations and human health. Newly emerging diseases and new zoonotic forms of older diseases have brought increased global attention to the health of wild bird populations. Recognition and management of these diseases is a high priority for all those involved with wildlife. Infectious Diseases of Wild Birds provides biologists, wildlife managers, wildlife and veterinary health professionals and students with the most comprehensive reference on infectious viral, bacterial and fungal diseases affecting wild birds. Bringing together contributions from an international team of experts, the book offers the most complete information on these diseases, their history, causative agents, significance and population impact. Focusing on more than just treatment, special emphasis is given to disease processes, recognition and epidemiology.

Siegel offers a comprehensive textbook--complemented by extensive online support--for the fastest growing section of the curriculum across the country. Complete integration of print and web components allows the accompanying site to act as an extension of the text. Interactive cases, project-based activities, and new content is regularly updated by the author.

"The security of information systems has not improved at a rate consistent with the growth and sophistication of the attacks being made against them. To address this problem, we must improve the underlying strategies and techniques used to create our systems. Specifically, we must build security in from the start, rather than append it as an afterthought.

That's the point of Secure Coding in C and C++. In careful detail, this book shows software developers how to build high-quality systems that are less vulnerable to costly and even catastrophic attack. It's a book that every developer should read before the start of any serious project." --Frank Abagnale, author, lecturer, and leading consultant on fraud prevention and secure documents

Learn the Root Causes of Software Vulnerabilities and How to Avoid Them Commonly exploited software vulnerabilities are usually caused by avoidable software defects. Having analyzed nearly 18,000 vulnerability reports over the past ten years, the CERT/Coordination Center (CERT/CC) has determined that a relatively small number of root causes account for most of them. This book identifies and explains these causes and shows the steps that can be taken to prevent exploitation. Moreover, this book encourages programmers to adopt security best practices and develop a security mindset that can help protect software from tomorrow's attacks, not just today's. Drawing on the CERT/CC's reports and conclusions, Robert Seacord systematically identifies the program errors most likely to lead to security breaches, shows how they can be exploited, reviews the potential consequences, and presents secure alternatives. Coverage includes technical detail on how to

- Improve the overall security of any C/C++ application
- Thwart buffer overflows and stack-smashing attacks that exploit insecure string manipulation logic
- Avoid vulnerabilities and security flaws resulting from the incorrect use of dynamic memory management functions
- Eliminate integer-related problems: integer overflows, sign errors, and truncation errors
- Correctly use formatted output functions without introducing format-string vulnerabilities
- Avoid I/O vulnerabilities, including race conditions

Secure Coding in C and C++ presents hundreds of examples of secure code, insecure code, and exploits, implemented for Windows and Linux. If you're responsible for creating secure C or C++ software--or for keeping it safe--no other book offers you this much detailed, expert assistance.

Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, www.mitre.org.

The Open Access version of this book, available at <http://www.tandfebooks.com/>, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. There has been an enormous increase in interest in the use of evidence for public policymaking, but the vast majority of work on the subject has failed to engage

with the political nature of decision making and how this influences the ways in which evidence will be used (or misused) within political areas. This book provides new insights into the nature of political bias with regards to evidence and critically considers what an 'improved' use of evidence would look like from a policymaking perspective. Part I describes the great potential for evidence to help achieve social goals, as well as the challenges raised by the political nature of policymaking. It explores the concern of evidence advocates that political interests drive the misuse or manipulation of evidence, as well as counter-concerns of critical policy scholars about how appeals to 'evidence-based policy' can depoliticise political debates. Both concerns reflect forms of bias – the first representing technical bias, whereby evidence use violates principles of scientific best practice, and the second representing issue bias in how appeals to evidence can shift political debates to particular questions or marginalise policy-relevant social concerns. Part II then draws on the fields of policy studies and cognitive psychology to understand the origins and mechanisms of both forms of bias in relation to political interests and values. It illustrates how such biases are not only common, but can be much more predictable once we recognise their origins and manifestations in policy arenas. Finally, Part III discusses ways to move forward for those seeking to improve the use of evidence in public policymaking. It explores what constitutes 'good evidence for policy', as well as the 'good use of evidence' within policy processes, and considers how to build evidence-advisory institutions that embed key principles of both scientific good practice and democratic representation. Taken as a whole, the approach promoted is termed the 'good governance of evidence' – a concept that represents the use of rigorous, systematic and technically valid pieces of evidence within decision-making processes that are representative of, and accountable to, populations served.

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Valuation lies at the heart of much of what we do in finance, whether it is the study of market efficiency and questions about corporate governance or the comparison of different investment decision rules in capital budgeting. In this paper, we consider the theory and evidence on valuation approaches. We begin by surveying the literature on discounted cash flow valuation models, ranging from the first mentions of the dividend discount model to value stocks to the use of excess return models in more recent years. In the second part of the paper, we examine relative valuation models and, in particular, the use of multiples and comparables in valuation and evaluate whether relative valuation models yield more or less precise estimates of value than

discounted cash flow models. In the final part of the paper, we set the stage for further research in valuation by noting the estimation challenges we face as companies globalize and become exposed to risk in multiple countries.

In 1996 physicist Alan Sokal published an essay in *Social Text*--an influential academic journal of cultural studies--touting the deep similarities between quantum gravitational theory and postmodern philosophy. Soon thereafter, the essay was revealed as a brilliant parody, a catalog of nonsense written in the cutting-edge but impenetrable lingo of postmodern theorists. The event sparked a furious debate in academic circles and made the headlines of newspapers in the U.S. and abroad. Now in *Fashionable Nonsense: Postmodern Intellectuals' Abuse of Science*, Sokal and his fellow physicist Jean Bricmont expand from where the hoax left off. In a delightfully witty and clear voice, the two thoughtfully and thoroughly dismantle the pseudo-scientific writings of some of the most fashionable French and American intellectuals. More generally, they challenge the widespread notion that scientific theories are mere "narrations" or social constructions.

The essential introduction to the principles and applications of feedback systems—now fully revised and expanded This textbook covers the mathematics needed to model, analyze, and design feedback systems. Now more user-friendly than ever, this revised and expanded edition of *Feedback Systems* is a one-volume resource for students and researchers in mathematics and engineering. It has applications across a range of disciplines that utilize feedback in physical, biological, information, and economic systems. Karl Åström and Richard Murray use techniques from physics, computer science, and operations research to introduce control-oriented modeling. They begin with state space tools for analysis and design, including stability of solutions, Lyapunov functions, reachability, state feedback observability, and estimators. The matrix exponential plays a central role in the analysis of linear control systems, allowing a concise development of many of the key concepts for this class of models. Åström and Murray then develop and explain tools in the frequency domain, including transfer functions, Nyquist analysis, PID control, frequency domain design, and robustness. Features a new chapter on design principles and tools, illustrating the types of problems that can be solved using feedback Includes a new chapter on fundamental limits and new material on the Routh-Hurwitz criterion and root locus plots Provides exercises at the end of every chapter Comes with an electronic solutions manual An ideal textbook for undergraduate and graduate students Indispensable for researchers seeking a self-contained resource on control theory Addresses key issues in understanding the decade 2008-2018 and its impact on the societies of the future. Brings together the articles B28of twenty-two prestigious international experts in different fields of thought. Through an informative approach, the essays form a transversal view of today's thinking. This is the tenth title of the Open Mind essay collection published by BBVA.A27.0We are living through years of great importance, marked by the unstoppable evolution of technology, science and the information society. This book brings together twenty-two essays written by prestigious researchers from the world's leading universities on areas as diverse as crucial to our future: climate change, artificial intelligence, economics, cyber-security and geopolitics, democracy, anthropology, new media, astrophysics and cosmology, nanotechnology, biomedicine, globalisation, gender theory and the cities of the future.

This book provides an easy-to-follow roadmap for successfully implementing the Balanced Scorecard methodology in small- and medium-sized companies. Building on the success of the first edition, the Second Edition includes new cases based on the author's experience implementing the balanced scorecard at government and nonprofit agencies. It is a must-read for any organization interested in achieving breakthrough results.

This is a much-needed new introduction to a field that has been transformed in recent years by exciting new subjects, ideas, and methods. It is designed both for students with central interests in philosophy and those planning to concentrate on the social sciences, and it presupposes no particular background in either domain. From the wide range of topics at the forefront of debate in philosophy of social science, the editors have chosen those which are representative of the most important and interesting contemporary work. A team of distinguished experts explore key aspects of the field such as social ontology (what are the things that social science studies?), objectivity, formal methods, measurement, and causal inference. Also included are chapters focused on notable subjects of social science research, such as well-being and climate change. *Philosophy of Social Science* provides a clear, accessible, and up-to-date guide to this fascinating field.

Examining the development and design of regulatory structures in the online environment, *The Regulation of Cyberspace* considers current practices and suggests a regulatory model that acknowledges its complexity and how it can be used by regulators to provide a more comprehensive regulatory structure for cyberspace. Drawing on the work of cyber-regulatory theorists, such as Yochai Benkler, Andrew Shapiro and Lawrence Lessig, Murray explores and analyzes how all forms of control, including design and market controls, as well as traditional command and control regulation, are applied within the complex and flexible environment of cyberspace. It includes chapters on: the role of the cyberlawyer environmental design and control online communities cyber laws and cyber law-making. This book is an essential read for anyone interested in law and information technology.

Managing Data in Motion describes techniques that have been developed for significantly reducing the complexity of managing system interfaces and enabling scalable architectures. Author April Reeve brings over two decades of experience to present a vendor-neutral approach to moving data between computing environments and systems. Readers will learn the techniques, technologies, and best practices for managing the passage of data between computer systems and integrating disparate data together in an enterprise environment. The average enterprise's computing environment is comprised of hundreds to thousands computer systems that have been built, purchased, and acquired over time. The data from these various systems needs to be integrated for reporting and analysis, shared for business transaction processing, and converted from one format to another when old systems are replaced and new systems are acquired. The management of the "data in motion" in organizations is rapidly becoming one of the biggest concerns for business and IT management. Data warehousing and conversion, real-time data integration, and cloud and "big data" applications are just a few of the challenges facing organizations and businesses today. *Managing Data in Motion* tackles these and other topics in a style easily understood by business and IT managers as well as

programmers and architects. Presents a vendor-neutral overview of the different technologies and techniques for moving data between computer systems including the emerging solutions for unstructured as well as structured data types Explains, in non-technical terms, the architecture and components required to perform data integration Describes how to reduce the complexity of managing system interfaces and enable a scalable data architecture that can handle the dimensions of "Big Data"

A complementary volume to Dilly Fung's *A Connected Curriculum for Higher Education* (2017), this book explores 'research-based education' as applied in practice within the higher education sector. A collection of 15 chapters followed by illustrative vignettes, it showcases approaches to engaging students actively with research and enquiry across disciplines. It begins with one institution's creative approach to research-based education – UCL's Connected Curriculum, a conceptual framework for integrating research-based education into all taught programmes of study – and branches out to show how aspects of the framework can apply to practice across a variety of institutions in a range of national settings. The 15 chapters are provided by a diverse range of authors who all explore research-based education in their own way. Some chapters are firmly based in a subject-discipline – including art history, biochemistry, education, engineering, fashion and design, healthcare, and veterinary sciences – while others reach across geopolitical regions, such as Australia, Canada, China, England, Scotland and South Africa. The final chapter offers 12 short vignettes of practice to highlight how engaging students with research and enquiry can enrich their learning experiences, preparing them not only for more advanced academic learning, but also for professional roles in complex, rapidly changing social contexts.

An Introduction to e-Business provides the contemporary knowledge of the key issues affecting the modern e-business environment and links theory and practice of management strategies relating to e-business. This book brings together the most cogent themes for an introduction to e-business and constitutes a valuable contribution to formalising common themes for teaching the subject in higher education. It brings together theoretical perspectives based on academic research and the application of e-business strategies. These concepts are further explored in the six case studies that follow the set chapters. This new textbook integrates the main themes to provide a complete picture of the key elements relevant to an introductory text in e-business. To fully appreciate the e-business environment it is necessary to understand the links between the different disciplines that come together to form

In the early decades of the twentieth century, tens of thousands of African Americans arrived at Detroit's Michigan Central Station, part of the Great Migration of blacks who left the South seeking improved economic and political conditions in the urban North. The most visible of these migrants have been the male industrial workers who labored on the city's automobile assembly lines. African American women have largely been absent from traditional narratives of the Great Migration because they were excluded from industrial work. By placing these women at the center of her study, Victoria Wolcott reveals their vital role in shaping life in interwar Detroit. Wolcott takes us into the speakeasies, settlement houses, blues clubs, storefront churches, employment bureaus, and training centers of Prohibition- and depression-era Detroit. There, she explores the wide range of black women's experiences,

focusing particularly on the interactions between working- and middle-class women. As Detroit's black population grew exponentially, women not only served as models of bourgeois respectability, but also began to reshape traditional standards of deportment in response to the new realities of their lives. In so doing, Wolcott says, they helped transform black politics and culture. Eventually, as the depression arrived, female respectability as a central symbol of reform was supplanted by a more strident working-class activism.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

This text focuses on the evolving role of trainers and training within the organization. It urges trainers not to be seduced by technology at the expense of their ultimate objective - to enhance learning. Built around a series of propositions, it examines: why barriers between knowledge management, performance management and training must fall if competitive advantage through people is realized; how technology that offers learner-centred opportunities will redefine the concept of the learning organization; why expertise in soft technology will give trainers new credibility; why time, not spend will be the scarce resource as learning competes with other organizational demands; the validity of corporate universities and virtual business schools; and what can be learnt from the different strategic responses to e-learning of blue-chip companies.

Kniha prezentuje holistický přístup k agilnímu a štíhlému (Lean) provozu a údržbě, který je postaven na zkušenostech z denní praxe. V prvním oddíle jsou definovány pojmy a současné problémy oblasti provozu a údržby IT systémů. Jádrem knihy je druhý oddíl, který prezentuje původní koncept agilního a štíhlého provozu a údržby. Ve třetím oddíle je představen aspekt agilního a štíhlého provozu a údržby, a to mnohé aspekty, tedy komunikace, týmová práce, typologie a psychologie lidí a poznatky kognitivních věd. V dalším oddíle se autoři věnují kontraktům, které jsou klíčovými pro průběh projektů a služeb a zajištění Governance. Pátý oddíl obsahuje návod na implementaci předloženého postupu. Šestý oddíl představuje nástroje, jako například umělé inteligence či 3D modely a světy.

Some vols. include supplemental journals of "such proceedings of the sessions, as, during the time they were depending, were ordered to be kept secret, and respecting which the injunction of secrecy was afterwards taken off by the order of the House."

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