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For the US Army to succeed in the 21st Century, Soldiers of all ranks must understand and use Mission Command. Mission Command empowers leaders at all levels, allowing them to synchronize all warfighting functions and information systems to seize, retain, and exploit the initiative against a range of adversaries. This collection of historical vignettes seeks to sharpen our understanding of Mission Command philosophy and practice by providing examples from the past in which Mission Command principles played a decisive role. Some vignettes show junior officers following their commander's intent and exercising disciplined initiative in very chaotic combat operations. Others recount how field grade officers built cohesive teams that relied on mutual trust to achieve key operational objectives. Each historical account is complemented by an annotated explanation of how the six Mission Command principles shaped the action. For this reason, the collection is ideal for leader development in the Army school system as well as for unit and individual professional development. Mission Command places great responsibility on our Soldiers.

Cody Wilson, a self-described crypto-anarchist and rogue thinker, combines the story of the production of the first ever 3D printable gun with a philosophical manifesto that gets to the heart of the twenty-first century debate over the freedom of information and ideas. Reminiscent of *Steal This Book* by Abbie Hoffman, Cody Wilson has written a philosophical guide through the digital revolution. Deflecting interference from the State Department and the Bureau of Alcohol, Tobacco, Firearms and Explosives, the story of Defense Distributed -- where Wilson's employees work against all odds to defend liberty and the right to access arms through the production of 3D printed firearms -- takes us across continents, into dusty warehouses and high rise condominiums, through television studios, to the Texas desert, and beyond. Bitcoin first appeared in 2009, and it's already challenging everything we've come to accept about money, financial institutions, and even government. The digital currency can be nearly anonymous. And it can be traded internationally—without the fees, government regulation, and bank oversight of paper money. But Bitcoin is still risky. Its value fluctuates wildly. More than \$400 billion of it disappeared overnight with the fall of a single trading exchange. How is that possible? And why is it so popular? CNNMoney reporter Jose Pagliery explains it all. He details the digital currency's mysterious origins. He explores the dark side of Bitcoin: a world of drugs and assassins for hire. And he examines the economic impact of this revolutionary concept through interviews with pensive economists, wary bank regulators, and free market proponents such as Ron Paul. *Bitcoin: And the Future of Money* explains how it works and why it matters. The book is essential reading for anyone looking to understand a financial innovation that will forever change how we think about money.

The first New Testament Library volume to focus on a Gospel, this commentary offers a careful reading of the book of Mark. Internationally respected interpreter M. Eugene Boring brings a lifetime of research into the Gospels and Jesus into this lively discussion of the first Gospel. The New Testament Library offers authoritative commentary on every book and major aspect of the New Testament, as well as classic volumes of scholarship. The commentaries in this series provide fresh translations based on the best available ancient manuscripts, offer critical portrayals of the historical world in which the books were created, pay careful attention to their literary design, and present a theologically perceptive exposition of the text.

Now in its new third edition, *Probability and Measure* offers advanced students, scientists, and engineers an integrated introduction to measure theory and probability. Retaining the unique approach of the previous editions, this text interweaves material on probability and measure, so that probability problems generate an interest in measure theory and measure theory is then developed and applied to probability. *Probability and Measure* provides thorough coverage of probability, measure, integration, random variables and expected values, convergence of distributions, derivatives and conditional probability, and stochastic processes. The Third Edition features an improved treatment of Brownian motion and the replacement of queuing theory with ergodic theory. · Probability· Measure· Integration· Random Variables and Expected Values· Convergence of Distributions· Derivatives and Conditional Probability· Stochastic Processes

From the Preface TC 3-21.5 This training circular provides guidance for Armywide uniformity in the conduct of drill and ceremonies. It includes methods of instructing drill, teaching techniques, individual and unit drill, manual of arms for infantry weapons, and various other aspects of basic drill instruction. This publication is designed for use by Soldiers of all military occupational skills, to include the new Soldier in the initial entry training environment. Since all situations or eventualities pertaining to drill and ceremonies cannot be foreseen, commanders may find it necessary to adjust the procedures to local conditions. However, with the view toward maintaining consistency throughout the Army, the procedures prescribed herein should be followed as closely as possible.

What is free speech and why is it so special? *Your Voice is Your Superpower* tells you why your voice matters and how you can use it and also why we must protect everyone's right to free speech. Everyone loves superheroes. Who doesn't? They're super! Some of them can fly. Some are strong. Some can become invisible. And some wear capes. But the thing that really makes them super is that they help people and change the world. And guess what? You have a superpower inside you. Your VOICE is your superpower. And because of a thing called freedom of speech, with that voice, you can express yourself, you can help people, and you can change the world. Now, more than ever, teaching children the value of free speech is essential to raising smart, engaged citizens. Knowing the value of free speech allows children to courageously share what they think and believe, whether it's with their family, friends, or their elected officials. Learning about the value of free speech also teaches children the importance of being good listeners, even if it means listening to points of view that differ from their own. In *Your Voice is Your Superpower*, father-daughter duo Jessica and Sandy Bohrer team up to teach children the importance of free speech and why it is essential for maintaining a functioning democracy. *Your Voice is Your Superpower* provides the perfect stepping-stone for parents looking to teach

their children more about their First Amendment rights in an easy, appealing way. This fun, colorful book proves that the first step to raising engaged, courageous children—and in turn, raising a new generation of superheroes—starts at home. A portion of proceeds will be donated to the Committee to Protect Journalists. "The First Amendment gives us superpowers! What a terrific way to help kids understand why they are free to say and write what they think. This engaging story is perfect for young readers and maybe a few parents, too." --Kathleen Carroll, Chair of the Board of the Committee to Protect Journalists

Academic Paper from the year 2019 in the subject Computer Science - Software, grade: A, Atlantic International University, language: English, abstract: This essay describes or analyses the content, style and merit of the developments in Advanced Complexity Theory. Complex, self-organising, adaptive systems possess a kind of dynamism that makes them qualitatively different from static objects such as computer chips. Complex systems are more spontaneous, more disorderly, more alive than that. In the past three decades, chaos theory has shaken science to its foundations with the realisation that very simple dynamical systems can give rise to extraordinarily intricate behaviour. The edge of chaos is the constantly shifting battle zone between stagnation and anarchy, the one place where a complex system can be spontaneous, adaptive, and alive. Chaos theory is the qualitative study of unstable, aperiodic behaviour in deterministic, non-linear, dynamical systems. It is a specialised application of dynamical systems theory. Chaotic systems require impossible accuracy for useful prediction tasks. Chaos theory often seeks to understand the behaviour of a complex system by reconstructing its attractor, and knowing this attractor gives us qualitative understanding. Chaos theory includes theoretical hypotheses that assert relationships of qualitative (or topological) similarity between its abstract models and the actual systems it studies. Dynamics is used more as a source of qualitative insight than for making quantitative predictions. Its great value is its adaptability for constructing models of natural systems, which models can then be varied and analysed comparatively easily. Chaos theory is the quantitative study of dynamic non-linear system. Non-linear systems change with time and can demonstrate complex relationships between inputs and outputs due to reiterative feedback loops within the system. These systems are predictable but their behaviour is exquisitely sensitive to their starting point. Chaos is a sub-discipline of complexity. Complexity theory is the qualitative aspect drawing upon insights and metaphors that are derived from chaos theory. The two-volume set, LNCS 8712 and LNCS 8713 constitutes the refereed proceedings of the 19th European Symposium on Research in Computer Security, ESORICS 2014, held in Wroclaw, Poland, in September 2014 The 58 revised full papers presented were carefully reviewed and selected from 234 submissions. The papers address issues such as cryptography, formal methods and theory of security, security services, intrusion/anomaly detection and malware mitigation, security in hardware, systems security, network security, database and storage security, software and application security, human and societal aspects of security and privacy. This is the eagerly-anticipated revision to one of the seminal books in the field of software architecture which clearly defines and explains the topic.

Bitcoin became a buzzword overnight. A cyber-enigma with an enthusiastic following, it pops up in headlines and fuels endless media debate. You can apparently use it to buy anything from coffee to cars, yet few people seem to truly understand what it is. This raises the question: Why should anyone care about bitcoin? In *The Age of Cryptocurrency*, Wall Street journalists Paul Vigna and Michael J. Casey deliver the definitive answer to this question. Cybermoney is poised to launch a revolution, one that could reinvent traditional financial and social structures while bringing the world's billions of "unbanked" individuals into a new global economy. Cryptocurrency holds the promise of a financial system without a middleman, one owned by the people who use it and one safeguarded from the devastation of a 2008-type crash. But bitcoin, the most famous of the cybermonies, carries a reputation for instability, wild fluctuation, and illicit business; some fear it has the power to eliminate jobs and to upend the concept of a nation-state. It implies, above all, monumental and wide-reaching change—for better and for worse. But it is here to stay, and you ignore it at your peril. Vigna and Casey demystify cryptocurrency—its origins, its function, and what you need to know to navigate a cyber-economy. The digital currency world will look very different from the paper currency world; *The Age of Cryptocurrency* will teach you how to be ready.

FIA Foundations in Taxation - FTX FA2012 -Kit

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Foundations in Accountancy (FIA) awards are entry-level, core-skill focused qualifications from ACCA. They provide flexible options for students and employers, and as an ACCA Approved Content Provider, BPP Learning Media's suite of study tools will provide you with all the accurate and up-to-date material you need for exam success.

The Aegis ballistic missile defense (BMD) program, which is carried out by the Missile Defense Agency (MDA) and the Navy, gives Navy Aegis cruisers and destroyers a capability for conducting BMD operations. BMD-capable Aegis ships operate in European waters to defend Europe from potential ballistic missile attacks from countries such as Iran, and in the Western Pacific and the Persian Gulf to provide regional defense against potential ballistic missile attacks from countries such as North Korea and Iran. Under the FY2021 budget submission, the number of BMD-capable Navy Aegis ships is projected to increase from 48 at the end of FY2021 to 65 at the end of FY2025.

These proceedings represent the work of authors at the 13th European Conference on e-Government (ECEG 2013). The Conference this year is hosted by the University of Insubria in Como, Italy. The Conference Chair is Professor Walter Castelnovo and the Programme Chair is Professor Elena Ferrari, both are from the Department of Theoretical and Applied Sciences at the University of Insubria. The opening keynote address is given by Dr Gianluca Misuraca from the European Commission, Joint Research Centre, Institute for Prospective Technological Studies, Seville, Spain and Gianluca is addressing the topic "eGovernment: Past, Present & Future: A policy-research perspective for renewing governance in the digital age." The second day of the conference is opened by Dr Antonio Cordella from the London School of Economics, London, UK, who will talk about "Public value creation: the new challenge for e-government policies." ECEG brings together, researchers, Government officials and practitioners in the area of e-Government from around the world. Participants are able to share their research findings and explore the latest developments and trends in the field which can then be disseminated to the wider community. With an initial submission of 153 abstracts, after the double blind, peer review process there are papers published in these Conference Proceedings from 40 countries including Australia, Austria, Belgium, Brazil, Canada, China, Costa Rica, Croatia, Denmark, Egypt, Germany, Greece, India, Iran, Iraq, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malaysia, Netherlands, New Zealand, Norway, Pakistan, Poland, Romania, Russia, Saudi Arabia, Serbia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, UK and USA. This will ensure a very interesting two days.

The concept of postdoctoral training came to science and engineering about a century ago. Since the 1960s, the performance of research in the United States has increasingly relied on these recent PhDs who work on a full-time, but on a temporary basis, to gain additional research experience in preparation for a professional research career. Such experiences are increasingly seen as central to careers in research, but for many, the postdoctoral experience falls short of expectations. Some postdocs indicate that they have not received the recognition, standing or compensation that is commensurate with their experience and skills. Is this the case? If so, how can the postdoctoral experience be enhanced for the over 40,000 individuals who hold these positions at university, government, and industry laboratories? This new book

offers its assessment of the postdoctoral experience and provides principles, action points, and recommendations for enhancing that experience.

2019 Missile Defense Review - January 2019 According to a senior administration official, a number of new technologies are highlighted in the report. The review looks at "the comprehensive environment the United States faces, and our allies and partners face. It does posture forces to be prepared for capabilities that currently exist and that we anticipate in the future." The report calls for major investments from both new technologies and existing systems. This is a very important and insightful report because many of the cost assessments for these technologies in the past, which concluded they were too expensive, are no longer applicable. Why buy a book you can download for free? We print this book so you don't have to. First you gotta find a good clean (legible) copy and make sure it's the latest version (not always easy). Some documents found on the web are missing some pages or the image quality is so poor, they are difficult to read. We look over each document carefully and replace poor quality images by going back to the original source document. We proof each document to make sure it's all there - including all changes. If you find a good copy, you could print it using a network printer you share with 100 other people (typically its either out of paper or toner). If it's just a 10-page document, no problem, but if it's 250-pages, you will need to punch 3 holes in all those pages and put it in a 3-ring binder. Takes at least an hour. It's much more cost-effective to just order the latest version from Amazon.com This book includes original commentary which is copyright material. Note that government documents are in the public domain. We print these large documents as a service so you don't have to. The books are compact, tightly-bound, full-size (8 1/2 by 11 inches), with large text and glossy covers. 4th Watch Publishing Co. is a HUBZONE SDVOSB. <https://usgovpub.com>

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This book contains a selection of peer-reviewed papers presented at the VIII Hotine-Marussi Symposium on Mathematical Geodesy in Rome, 17-21 June, 2013. The scientific sessions focused on global reference systems, geodetic data analysis, geopotential modelling, gravity field mapping as well as digital terrain modelling. A special chapter is dedicated to understand the generation of Flash.

The International Federation of Library Associations and Institutions (IFLA) is the leading international body representing the interests of library and information services and their users. It is the global voice of the information profession. The series IFLA Publications deals with many of the means through which libraries, information centres, and information professionals worldwide can formulate their goals, exert their influence as a group, protect their interests, and find solutions to global problems.

FIA - Foundations in Taxation FA2011 - FTX Study Text 2013

Feeling disconnected from the father whose work keeps him from home the rest of the year, Maomao enjoys a Chinese New Year visit marked by such activities as making sticky rice balls, watching a dragon dance, and searching for a hidden lucky coin.

Our future hinges on a set of elements that few of us have even heard of. In this surprising and revealing book, David S. Abraham unveils what rare metals are and why our electronic gadgets, the most powerful armies, and indeed the fate of our planet depend on them. These metals have become the building blocks of modern society; their properties are now essential for nearly all our electronic, military, and "green" technologies. But their growing use is not without environmental, economic, and geopolitical consequences. Abraham traces these elements' hidden paths from mines to our living rooms, from the remote hills of China to the frozen Gulf of Finland, providing vivid accounts of those who produce, trade, and rely on rare metals. He argues that these materials are increasingly playing a significant role in global affairs, conferring strength to countries and companies that can ensure sustainable supplies. Just as oil, iron, and bronze revolutionized previous eras, so too will these metals. The challenges this book reveals, and the plans it proposes, make it essential reading for our rare metal age.

If you are concerned about passing the Michigan Real Estate Licensing Exam, then this book is for you. Michigan Real Estate Exam Prep has been developed using concepts found in the actual PSI Michigan Real Estate Exam and covers areas such as product knowledge, terms, and concepts. The four practice tests coincide with the current test outline. This book explains the key concepts that you need to know in a straightforward and easy-to-use manner. Inside you'll find: * Test Taking Tips & Strategies* A Real Estate Review * A Math Review* Flashcards * Four Practice Tests* And Much More...

As kids of Cuban parents, we grow up with unsolicited advice, cultural sayings and emotional slang. As adults we find ourselves pulling from those memories, reacting as our parents did... Coño! In this book we break down some of the most popular Cubanisms - with a local Miami twist.

"Professor Andreas F. Molisch, renowned researcher and educator, has put together the comprehensive book, Wireless Communications. The second edition, which includes a wealth of new material on important topics, ensures the role of the text as the key resource for every student, researcher, and practitioner in the field." —Professor Moe Win, MIT, USA Wireless communications has grown rapidly over the past decade from a niche market into one of the most important, fast moving industries. Fully updated to incorporate the latest research and developments, Wireless Communications, Second Edition provides an authoritative overview of the principles and applications of mobile communication technology. The author provides an in-depth analysis of current treatment of the area, addressing both the traditional elements, such as Rayleigh fading, BER in flat fading channels, and equalisation, and more recently emerging topics such as multi-user detection in CDMA systems, MIMO systems, and cognitive radio. The dominant wireless standards; including cellular, cordless and wireless LANs; are discussed. Topics featured include: wireless propagation channels, transceivers and signal processing, multiple access and advanced transceiver schemes, and standardised wireless systems. Combines mathematical descriptions with intuitive explanations of the physical facts, enabling readers to acquire a deep understanding of the subject. Includes new chapters on cognitive radio, cooperative communications and relaying, video coding, 3GPP Long Term Evolution, and WiMax; plus significant new sections on multi-user MIMO, 802.11n, and information theory. Companion website featuring: supplementary material on 'DECT', solutions manual and presentation slides for instructors, appendices, list of abbreviations and other useful resources.

This book is a celebration of tactile beauty and a tribute to human ingenuity. In-depth profiles tell the stories of 20 artisans

who have devoted their lives to preserving traditional techniques. Gorgeous photographs reveal these craftspeople's studios, from Oaxaca to Kyoto and from Milan to Tennessee. Two essays explore the challenges and rewards of engaging deeply with the past. With an elegant three-piece case and foil stamping, this rich volume will be an inspiration to makers, collectors, and history lovers.

This is a practical, easy to follow guide to preparing for interviews. It contains a selection of activities, organised in the five-step TAPAS programme, designed to get you fit to perform like a star on the day. Its attractive format makes it accessible to job seekers of all ages, also useful to trainers and advisers working with the unemployed.

FIA Foundations in Taxation - FTX FA2011 -Kit

Following the economic crisis of 2008, the website 'bitcoin.org' was registered by a mysterious computer programmer called Satoshi Nakamoto. A new form of money was born: electronic cash. Does Bitcoin have the potential to change how the world transacts financially? Or is it just a passing fad, even a major scam? In *Bitcoin: The Future of Money?*, MoneyWeek's Dominic Frisby's explains this controversial new currency and how it came about, interviewing some of the key players in its development while casting light on its strange and murky origins, in particular the much-disputed identity of Nakamoto himself. Economic theory meets whodunnit mystery in this indispensable guide to one of the most divisive innovations of our time.

This illustrated book that includes tables, charts, and maps primarily discusses the role of USAREUR (US Army Europe) in rearming and training the new German Army which was perhaps the Army's single greatest contribution toward maintaining security in Western Europe. Likewise, the relationship between American soldiers and their French and West German hosts evolved over time and is a critical element in telling the story of the US Army in Europe.

This book explores the American use of atomic bombs and the role these weapons played in the defeat of the Japanese Empire in World War II. It focuses on President Harry S. Truman's decision-making regarding this most controversial of all his decisions. The book relies on notable archival research and the best and most recent scholarship on the subject to fashion an incisive overview that is fair and forceful in its judgments. This study addresses a subject that has been much debated among historians and it confronts head-on the highly disputed claim that the Truman administration practised 'atomic diplomacy'. The book goes beyond its central historical analysis to ask whether it was morally right for the United States to use these terrible weapons against Hiroshima and Nagasaki. It also provides a balanced evaluation of the relationship between atomic weapons and the origins of the Cold War.

"The Postdoctoral Experience Revisited" builds on the 2000 report "Enhancing the Postdoctoral Experience for Scientists and Engineers." That ground-breaking report assessed the postdoctoral experience and provided principles, action points, and recommendations to enhance that experience. Since the publication of the 2000 report, the postdoctoral landscape has changed considerably. The percentage of PhDs who pursue postdoctoral training is growing steadily and spreading from the biomedical and physical sciences to engineering and the social sciences. The average length of time spent in postdoctoral positions seems to be increasing. "The Postdoctoral Experience Revisited" reexamines postdoctoral programs in the United States, focusing on how postdocs are being guided and managed, how institutional practices have changed, and what happens to postdocs after they complete their programs. This book explores important changes that have occurred in postdoctoral practices and the research ecosystem and assesses how well current practices meet the needs of these fledgling scientists and engineers and of the research enterprise. "The Postdoctoral Experience Revisited" takes a fresh look at current postdoctoral fellows - how many there are, where they are working, in what fields, and for how many years. This book makes recommendations to improve aspects of programs - postdoctoral period of service, title and role, career development, compensation and benefits, and mentoring. Current data on demographics, career aspirations, and career outcomes for postdocs are limited. This report makes the case for better data collection by research institution and data sharing. A larger goal of this study is not only to propose ways to make the postdoctoral system better for the postdoctoral researchers themselves but also to better understand the role that postdoctoral training plays in the research enterprise. It is also to ask whether there are alternative ways to satisfy some of the research and career development needs of postdoctoral researchers that are now being met with several years of advanced training.

Postdoctoral researchers are the future of the research enterprise. The discussion and recommendations of "The Postdoctoral Experience Revisited" will stimulate action toward clarifying the role of postdoctoral researchers and improving their status and experience.

Covering New York, American & regional stock exchanges & international companies.

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