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The chapters cover what instructors want students to know about MIS. Extended Learning Modules (XLM) show students what they can do with MIS. The instructor controls the mix by picking the chapters and XLMs to cover. A contemporary writing style and a wealth of examples engage students like no other MIS text.

Christian Ethics: The Basics sets out clearly and critically the different ways that Augustine, Aquinas and Luther continue to shape ethics today within and across Christian denominations. It assumes no previous knowledge of the subject and can be read by religious believers and non-believers alike. Readers are introduced to Christian ethics from the ground up before being invited to consider some of the most controversial but important questions facing people across the world today. Topics addressed include: Social justice War and peace Migration/immigration Climate change Euthanasia Same-sex marriage Religiously-inspired violence Biotechnology Abrahamic ethics Concise, readable and authoritative, this is the ideal primer for anyone interested in the study of religious ethics and Christianity.

The ultimate hands-on guide to IT security and proactivedefense The Network Security Test Lab is a hands-on, step-by-stepguide to ultimate IT security implementation. Covering the fullcomplement of malware, viruses, and other attack technologies, thisessential guide walks you through the security assessment andpenetration testing process, and provides the set-up guidance youneed to build your own security-testing lab. You'll look inside theactual attacks to decode their methods, and learn how to runattacks in an isolated sandbox to better understand how attackerstarget systems, and how to build the defenses that stop them.You'll be introduced to tools like Wireshark, Networkminer, Nmap,Metasploit, and more as you discover techniques for defendingagainst network attacks, social networking bugs, malware, and themost prevalent malicious traffic. You also get access to opensource tools, demo software, and a bootable version of Linux tofacilitate hands-on learning and help you implement your newskills. Security technology continues to evolve, and yet not a week goesby without news of a new security breach or a new exploit beingreleased. The Network Security Test Lab is the ultimateguide when you are on the front lines of defense, providing themost up-to-date methods of thwarting would-be attackers. Get acquainted with your hardware, gear, and test platform Learn how attackers penetrate existing security systems Detect malicious activity and build effective defenses Investigate and analyze attacks to inform defense strategy The Network Security Test Lab is your complete, essentialguide.

Irrespective of whether we use economic or societal metrics, the Internet is one of the most important technical infrastructures in existence today. It will serve as a catalyst for much of our innovation and prosperity in the future. A competitive Europe will require Internet connectivity and services beyond the capabilities offered by current technologies.

Future Internet research is therefore a must. The Future Internet Assembly (FIA) is a successful and unique bi-annual conference that brings together participants of over 150 projects from several distinct but interrelated areas in the EU Framework Programme 7. The 20 full papers included in this volume were selected from 40 submissions, and are preceded by a vision paper describing the FIA Roadmap. The papers have been organized into topical sections on the foundations of Future Internet, the applications of Future Internet, Smart Cities, and Future Internet infrastructures. A photographic portrait of horse racing featuring the work of acclaimed photographers Trevor Jones and George Selwyn. Text is from top racing journalists, which supports each section. The book covers every aspect of racing and is very much an international title. The images are collected together in chapters covering: The Origins of Racing, Breeding, Peaks and Troughs of Training, Flat Racing, National Hunt Racing, Betting, and Legends. The Spirit of Racing is a book of interest to anyone who enjoys horses and equestrianism. It is a collection of photographs that demonstrate that the "sport of kings" is an international sport.

A monumentally devastating plague leaves only a few survivors who, while experiencing dreams of a battle between good and evil, move toward an actual confrontation as they migrate to Boulder, Colorado.

The field of educational neuroscience uses new insights about the neural mechanisms of learning to improve educational practices and outcomes. The first volume to bring together the latest knowledge on the development of educational neuroscience from a life-span perspective, this important text offers state of the art, authoritative research findings in educational neuroscience before providing evidence-based recommendations for classroom practice. Thomas, Mareschal, Dumontheil, and the team of expert international contributors assembled in this volume thoroughly explore four main themes throughout the book. The first theme is individual differences, or what makes children perform better or worse in the classroom. The second theme is the nature of individual differences at different stages in development, from early years into adulthood. The third theme addresses cognitive enhancement, summarizing research that has investigated activities that might give general benefits to cognition. And the fourth theme considers the translation of research findings into classroom practices, discussing broader ethical issues raised by educational neuroscience, and what teachers need to know about neuroscience to enhance their day-to-day practice. Specific topics explored include neuropsychological perspectives on socioeconomic disparities in educational achievement, reading difficulties, phonological skills, executive function, and emotional development. Educational Neuroscience is essential reading for researchers and graduate students of educational psychology, developmental science, developmental psychology, and cognitive psychology, especially those specializing in emotion regulation.

The book addresses the sustainability of cities in the context of sustainability science and its application to the city

boundary. In doing so it investigates all the components of a city on the basis of sustainability criteria. To achieve sustainability it is essential to adopt an integrated strategy that reflects all sectors within the city boundary and also address the four key normative concepts: the right to develop for all sections, social inclusion, convergence in living standards and shared responsibility and opportunities among sectors and sections. In this book, the individual chapters examine the nodes of sustainability of a city and thus essentially present a large canvas wherein all sustainability-relevant issues are interwoven. This integrative approach is at the heart of the book and offers an extensive, innovative framework for future research on cities and sustainability alike. The book also includes selected case studies that add to the reading and comprehension value of the concepts presented, ensuring a blend of theory and practical case studies to help readers better comprehend the principle of sustainability and its application.

By the New York Times bestselling author of *The Bone Clocks* and *Cloud Atlas* | Longlisted for the Man Booker Prize
Selected by Time as One of the Ten Best Books of the Year | A New York Times Notable Book | Named One of the Best Books of the Year by The Washington Post Book World, The Christian Science Monitor, Rocky Mountain News, and Kirkus Reviews | A Los Angeles Times Book Prize Finalist | Winner of the ALA Alex Award | Finalist for the Costa Novel Award
From award-winning writer David Mitchell comes a sinewy, meditative novel of boyhood on the cusp of adulthood and the old on the cusp of the new. *Black Swan Green* tracks a single year in what is, for thirteen-year-old Jason Taylor, the sleepest village in muddiest Worcestershire in a dying Cold War England, 1982. But the thirteen chapters, each a short story in its own right, create an exquisitely observed world that is anything but sleepy. A world of Kissingeresque realpolitik enacted in boys' games on a frozen lake; of "nightcreeping" through the summer backyards of strangers; of the tabloid-fueled thrills of the Falklands War and its human toll; of the cruel, luscious Dawn Madden and her power-hungry boyfriend, Ross Wilcox; of a certain Madame Eva van Outryve de Crommelynck, an elderly bohemian emigré who is both more and less than she appears; of Jason's search to replace his dead grandfather's irreplaceable smashed watch before the crime is discovered; of first cigarettes, first kisses, first Duran Duran LPs, and first deaths; of Margaret Thatcher's recession; of Gypsies camping in the woods and the hysteria they inspire; and, even closer to home, of a slow-motion divorce in four seasons. Pointed, funny, profound, left-field, elegiac, and painted with the stuff of life, *Black Swan Green* is David Mitchell's subtlest and most effective achievement to date. Praise for *Black Swan Green* "[David Mitchell has created] one of the most endearing, smart, and funny young narrators ever to rise up from the pages of a novel. . . . The always fresh and brilliant writing will carry readers back to their own childhoods. . . . This enchanting novel makes us remember exactly what it was like."—The Boston Globe "[David Mitchell is a] prodigiously daring and imaginative young writer. . . . As in the works of Thomas Pynchon and Herman Melville, one feels the roof of the narrative

lifted off and oneself in thrall.”—Time

This extraordinary book, written by leading players in a burgeoning technology revolution, is about the merger of finance and technology (fintech), and covers its various aspects and how they impact each discipline within the financial services industry. It is an honest and direct analysis of where each segment of financial services will stand. *Fintech: The New DNA of Financial Services* provides an in-depth introduction to understanding the various areas of fintech and terminology such as AI, big data, robo-advisory, blockchain, cryptocurrency, InsurTech, cloud computing, crowdfunding and many more. Contributions from fintech innovators discuss banking, insurance and investment management applications, as well as the legal and human resource implications of fintech in the future.

This book constitutes the thoroughly refereed post-conference proceedings of the First International Conference, UCMedia 2009, which was held on 9-11 December 2009 at Hotel Novotel Venezia Mestre Castellana in Venice, Italy. The conference's focus was on forms and production, delivery, access, discovery and consumption of user centric media. After a thorough review process of the papers received, 23 were accepted from open call for the main conference and 20 papers for the workshops.

This book includes selected papers from the International Conference on Data Science and Intelligent Applications (ICDSIA 2020), hosted by Gandhinagar Institute of Technology (GIT), Gujarat, India, on January 24–25, 2020. The proceedings present original and high-quality contributions on theory and practice concerning emerging technologies in the areas of data science and intelligent applications. The conference provides a forum for researchers from academia and industry to present and share their ideas, views and results, while also helping them approach the challenges of technological advancements from different viewpoints. The contributions cover a broad range of topics, including: collective intelligence, intelligent systems, IoT, fuzzy systems, Bayesian networks, ant colony optimization, data privacy and security, data mining, data warehousing, big data analytics, cloud computing, natural language processing, swarm intelligence, speech processing, machine learning and deep learning, and intelligent applications and systems. Helping strengthen the links between academia and industry, the book offers a valuable resource for instructors, students, industry practitioners, engineers, managers, researchers, and scientists alike.

Overview: Provides a history of the Corona Satellite photo reconnaissance Program. It was a joint Central Intelligence Agency and United States Air Force program in the 1960s. It was then highly classified.

Build enterprise chatbots for web, social media, voice assistants, IoT, and telephony contact centers with Google's Dialogflow conversational AI technology. This book will explain how to get started with conversational AI using Google and how enterprise users can use Dialogflow as part of Google Cloud. It will cover the core concepts such as Dialogflow

essentials, deploying chatbots on web and social media channels, and building voice agents including advanced tips and tricks such as intents, entities, and working with context. The Definitive Guide to Conversational AI with Dialogflow and Google Cloud also explains how to build multilingual chatbots, orchestrate sub chatbots into a bigger conversational platform, use virtual agent analytics with popular tools, such as BigQuery or Chatbase, and build voice bots. It concludes with coverage of more advanced use cases, such as building fulfillment functionality, building your own integrations, securing your chatbots, and building your own voice platform with the Dialogflow SDK and other Google Cloud machine learning APIs. After reading this book, you will understand how to build cross-channel enterprise bots with popular Google tools such as Dialogflow, Google Cloud AI, Cloud Run, Cloud Functions, and Chatbase. ??What You Will Learn Discover Dialogflow, Dialogflow Essentials, Dialogflow CX, and how machine learning is used Create Dialogflow projects for individuals and enterprise usage Work with Dialogflow essential concepts such as intents, entities, custom entities, system entities, composites, and how to track context Build bots quickly using prebuilt agents, small talk modules, and FAQ knowledge bases Use Dialogflow for an out-of-the-box agent review Deploy text conversational UIs for web and social media channels Build voice agents for voice assistants, phone gateways, and contact centers Create multilingual chatbots Orchestrate many sub-chatbots to build a bigger conversational platform Use chatbot analytics and test the quality of your Dialogflow agent See the new Dialogflow CX concepts, how Dialogflow CX fits in, and what's different in Dialogflow CX Who This Book Is For Everyone interested in building chatbots for web, social media, voice assistants, or contact centers using Google's conversational AI/cloud technology.

This book argues that the development of capital goods manufacturing industries in four relatively large African economies will create regional development poles, from which industrialization will spread to the smaller African countries. In this book, Benaiah Yongo-Bure explains the need for capital goods industries in Africa and shows how manufacturing can transform economies. He outlines the roles of the Democratic Republic of Congo (DRC), Ethiopia, Nigeria, and South Africa as potential regional development poles, showing how the existing economies, natural resources, and populations of these countries make them ideal candidates, while also considering possible challenges to industrialization. Finally, the author assesses what major infrastructural development is needed to link the countries and regions to increase the spread effects of economic growth. This book will be of interest to scholars and policy makers in economic development and regional development in Africa.

July 2019 Printed in BLACK AND WHITE The Army's Weapon Systems Handbook was updated in July 2019, but is still titled "Weapon Systems Handbook 2018." We are printing this in black and white to keep the price low. It presents many of the acquisition programs currently fielded or in development. The U.S. Army Acquisition Corps, with its 36,000

professionals, bears a unique responsibility for the oversight and systems management of the Army's acquisition lifecycle. With responsibility for hundreds of acquisition programs, civilian and military professionals collectively oversee research, development and acquisition activities totaling more than \$20 billion in Fiscal Year 2016 alone. Why buy a book you can download for free? We print this so you don't have to. We at 4th Watch Publishing are former government employees, so we know how government employees actually use the standards. When a new standard is released, somebody has to print it, punch holes and put it in a 3-ring binder. While this is not a big deal for a 5 or 10-page document, many DoD documents are over 400 pages and printing a large document is a time-consuming effort. So, a person that's paid \$25 an hour is spending hours simply printing out the tools needed to do the job. That's time that could be better spent doing mission. We publish these documents so you can focus on what you are there for. It's much more cost-effective to just order the latest version from Amazon.com. SDVOSB If there is a standard you would like published, let us know. Our web site is usgovpub.com

In 2009, a bipartisan Knight Commission found that while the broadband age is enabling an info. and commun. renaissance, local communities in particular are being unevenly served with critical info. about local issues. Soon after the Knight Commission delivered its findings, the FCC initiated a working group to identify crosscurrent and trend, and make recommendations on how the info. needs of communities can be met in a broadband world. This report by the FCC Working Group on the Info. Needs of Communities addresses the rapidly changing media landscape in a broadband age. Contents: Media Landscape; The Policy and Regulatory Landscape; Recommendations. Charts and tables. This is a print on demand report.

Take a ride with Blaze. Meet the Monster Machines of Axle City!

In Remembrance of my Dad, Wilbert Williams, the man who taught me everything except how to live without him. Gone but Never Forgotten.

The book highlights new trends and challenges in research on agents and the new digital and knowledge economy. It includes papers on business process management, agent-based modeling and simulation and anthropic-oriented computing that were originally presented at the 14th International KES Conference on Agents and Multi-Agent Systems: Technologies and Applications (KES-AMSTA 2020), being held as a Virtual Conference in June 17–19, 2020. The respective papers cover topics such as software agents, multi-agent systems, agent modeling, mobile and cloud computing, big data analysis, business intelligence, artificial intelligence, social systems, computer embedded systems and nature inspired manufacturing, all of which contribute to the modern digital economy.

The future will be increasingly distributed. As the publicity surrounding Bitcoin and blockchain has shown, distributed technology and business models are gaining popularity. Yet the disruptive potential of this technology is often obscured by hype and misconception. This detailed guide distills the complex, fast moving ideas behind blockchain into an easily digestible reference

manual, showing what's really going on under the hood. Finance and technology pros will learn how a blockchain works as they explore the evolution and current state of the technology, including the functions of cryptocurrencies and smart contracts. This book is for anyone evaluating whether to invest time in the cryptocurrency and blockchain industry. Go beyond buzzwords and see what the technology really has to offer. Learn why Bitcoin was fundamentally important in blockchain's birth Explore altcoin and alternative blockchain projects to understand what's possible Understand the challenges of scaling and forking a blockchain Learn what Ethereum and other blockchains offer Examine emerging business uses for blockchain beyond cryptocurrency Discover where the future lies in this exciting new technology

Folklore—the inherently creative expression, transmission, and performance of cultural traditions—has always provided a deep well of material for writers, musicians, and artists of all sorts. Folklorists usually employ descriptive and analytical prose, but they, like scholars in other social sciences, have increasingly sought new, creative and reflexive modes of discourse. Many folklorists are also creative writers, some well known as such, and the folk traditions they research often provide shape and substance to their work. This collection of creative writing grounded in folklore and its study brings together some of the best examples of such writing. Contributors to this collection include Teresa Bergen, John Burrison, Norma E. Cantu, Frank de Caro, Holly Everett, Danusha Goska, Neil R. Grobman, Carrie Hertz, Edward Hirsch, Laurel Horton, Rosan Augusta Jordan, Paul Jordan-Smith, Elaine J. Lawless, Cynthia Levee, Jens Lund, Mary Magoulick, Bernard McCarthy, Joanne B. Mulcahy, Kirin Narayan, Ted Olson, Daniel Peretti, Leslie Prosterman, Jo Radner, Susan Stewart, Jeannie Banks Thomas, Jeff Todd Titon, Libby Tucker, Margaret Yocom, and Steve Zeitlin.

Mastering Blockchain"O'Reilly Media, Inc."

This book presents and discusses the main strategic and organizational challenges posed by Big Data and analytics in a manner relevant to both practitioners and scholars. The first part of the book analyzes strategic issues relating to the growing relevance of Big Data and analytics for competitive advantage, which is also attributable to empowerment of activities such as consumer profiling, market segmentation, and development of new products or services. Detailed consideration is also given to the strategic impact of Big Data and analytics on innovation in domains such as government and education and to Big Data-driven business models. The second part of the book addresses the impact of Big Data and analytics on management and organizations, focusing on challenges for governance, evaluation, and change management, while the concluding part reviews real examples of Big Data and analytics innovation at the global level. The text is supported by informative illustrations and case studies, so that practitioners can use the book as a toolbox to improve understanding and exploit business opportunities related to Big Data and analytics.

Here is the bestselling guide that created a new game plan for marketing in high-tech industries. Crossing the Chasm has become the bible for bringing cutting-edge products to progressively larger markets. This edition provides new insights into the realities of high-tech marketing, with special emphasis on the Internet. It's essential reading for anyone with a stake in the world's most exciting marketplace.

As you move data to the cloud, you need to consider a comprehensive approach to data governance, along with well-defined and agreed-

upon policies to ensure your organization meets compliance requirements. Data governance incorporates the ways people, processes, and technology work together to ensure data is trustworthy and can be used effectively. This practical guide shows you how to effectively implement and scale data governance throughout your organization. Chief information, data, and security officers and their teams will learn strategy and tooling to support democratizing data and unlocking its value while enforcing security, privacy, and other governance standards. Through good data governance, you can inspire customer trust, enable your organization to identify business efficiencies, generate more competitive offerings, and improve customer experience. This book shows you how. You'll learn: Data governance strategies addressing people, processes, and tools Benefits and challenges of a cloud-based data governance approach How data governance is conducted from ingest to preparation and use How to handle the ongoing improvement of data quality Challenges and techniques in governing streaming data Data protection for authentication, security, backup, and monitoring How to build a data culture in your organization

Describes influential business philosophies and marketing ideas from the past twenty years and examines why they did not work.

This unique book discusses a selection of highly relevant topics in the Social Internet of Things (SIoT), including blockchain, fog computing and data fusion. It also presents numerous SIoT-related applications in fields such as agriculture, health care, education and security, allowing researchers and industry practitioners to gain a better understanding of the Social Internet of Things

A completely updated, revised edition of the classic, outfitted with a whole new arsenal of indispensable knowledge on global affairs, popular culture, economic trends, scientific principles, and modern arts. Here's your chance to brush up on all those subjects you slept through in school, reacquaint yourself with all the facts you once knew (then promptly forgot), catch up on major developments in the world today, and become the Renaissance man or woman you always knew you could be! How do you tell the Balkans from the Caucasus? What's the difference between fission and fusion? Whigs and Tories? Shiites and Sunnis? Deduction and induction? Why aren't all Shakespearean comedies necessarily thigh-slappers? What are transcendental numbers and what are they good for? What really happened in Plato's cave? Is postmodernism dead or just having a bad hair day? And for extra credit, when should you use the adjective continual and when should you use continuous? An Incomplete Education answers these and thousands of other questions with incomparable wit, style, and clarity.

American Studies, Art History, Economics, Film, Literature, Music, Philosophy, Political Science, Psychology, Religion, Science, and World History: Here's the bottom line on each of these major disciplines, distilled to its essence and served up with consummate flair. In this revised edition you'll find a vitally expanded treatment of international issues, reflecting the seismic geopolitical upheavals of the past decade, from economic free-fall in South America to Central Africa's world war, and from violent radicalization in the Muslim world to the crucial trade agreements that are defining globalization for the twenty-first century. And don't forget to read the section "A Nervous American's Guide to Living and Loving on Five Continents" before you answer a personal ad in the International Herald Tribune. As delightful as it is illuminating, An Incomplete Education packs ten thousand years of culture into a single superbly readable volume. This is a book to celebrate, to share, to give and receive, to pore over and browse through, and to return to again and again.

Updated with a new chapter on digital curation How Music Works is David Byrne's incisive and enthusiastic look at the musical art form, from its very inceptions to the influences that shape it, whether acoustical, economic, social or technological. Utilizing his incomparable career and inspired collaborations with Talking Heads, Brian Eno, and many others, Byrne taps deeply into his lifetime of knowledge to explore the panoptic elements of music, how it shapes the human experience, and reveals the impetus behind how we create, consume, distribute, and enjoy the songs, symphonies, and rhythms that provide the backbeat of life. Byrne's magnum opus uncovers ever-new and thrilling

realizations about the redemptive liberation that music brings us all.

In a book that's one part prophecy, one part thought experiment, one part manifesto, and one part survival manual, internet impresario and blogging pioneer Jeff Jarvis reverse-engineers Google, the fastest-growing company in history, to discover forty clear and straightforward rules to manage and live by. At the same time, he illuminates the new worldview of the internet generation: how it challenges and destroys—but also opens up—vast new opportunities. His findings are counterintuitive, imaginative, practical, and above all visionary, giving readers a glimpse of how everyone and everything—from corporations to governments, nations to individuals—must evolve in the Google era. *What Would Google Do?* is an astonishing, mind-opening book that, in the end, is not about Google. It's about you.

From the author of the New York Times bestseller *The Inevitable*—a sweeping vision of technology as a living force that can expand our individual potential In this provocative book, one of today's most respected thinkers turns the conversation about technology on its head by viewing technology as a natural system, an extension of biological evolution. By mapping the behavior of life, we paradoxically get a glimpse at where technology is headed-or "what it wants." Kevin Kelly offers a dozen trajectories in the coming decades for this near-living system. And as we align ourselves with technology's agenda, we can capture its colossal potential. This visionary and optimistic book explores how technology gives our lives greater meaning and is a must-read for anyone curious about the future.

Sensor Technologies: Healthcare, Wellness and Environmental Applications explores the key aspects of sensor technologies, covering wired, wireless, and discrete sensors for the specific application domains of healthcare, wellness and environmental sensing. It discusses the social, regulatory, and design considerations specific to these domains. The book provides an application-based approach using real-world examples to illustrate the application of sensor technologies in a practical and experiential manner. The book guides the reader from the formulation of the research question, through the design and validation process, to the deployment and management phase of sensor applications. The processes and examples used in the book are primarily based on research carried out by Intel or joint academic research programs. "Sensor Technologies: Healthcare, Wellness and Environmental Applications provides an extensive overview of sensing technologies and their applications in healthcare, wellness, and environmental monitoring. From sensor hardware to system applications and case studies, this book gives readers an in-depth understanding of the technologies and how they can be applied. I would highly recommend it to students or researchers who are interested in wireless sensing technologies and the associated applications." Dr. Benny Lo Lecturer, The Hamlyn Centre, Imperial College of London "This timely addition to the literature on sensors covers the broad complexity of sensing, sensor types, and the vast range of existing and emerging applications in a very clearly written and accessible manner. It is particularly good at capturing the exciting possibilities that will occur as sensor networks merge with cloud-based 'big data' analytics to provide a host of new applications that will impact directly on the individual in ways we cannot fully predict at present. It really brings this home through the use of carefully chosen case studies that bring the overwhelming concept of 'big data' down to the personal level of individual life and health." Dermot Diamond Director, National Centre for Sensor Research, Principal Investigator, CLARITY Centre for Sensor Web Technologies, Dublin City University "Sensor Technologies: Healthcare, Wellness and Environmental Applications takes the reader on an end-to-end journey of sensor technologies, covering the fundamentals from an engineering perspective, introducing how the data gleaned can be both processed and visualized, in addition to offering exemplar case studies in a number of application domains. It is a must-read for those studying any undergraduate course that involves sensor technologies. It also provides a thorough foundation for those involved in the research and development of applied sensor systems. I highly recommend it to any engineer who wishes to broaden their knowledge in this

area!" Chris Nugent Professor of Biomedical Engineering, University of Ulster

Explains some of the ways in which technological advances are altering, for better or worse, large-scale human behavior, thought processes, and critical thinking skills. • Examines existing and emerging technologies • Covers topics from technology's effects on critical thinking skills to social interaction and intimacy • Considers how many human jobs will be lost to robots • Explains how psychology is an integral part of technologies reshaping our behavior

This is a reproduction of the 1984 Department of the Army Field Manual 100-2-3 (The Soviet Army: Troops, Organization, and Equipment). In its day, it - along with its sister publications FM 100-2-1 and 100-2-2 - was the "definitive source of unclassified information on Soviet ground forces and their interaction with other services in combined arms warfare." St. Michael Publishing House has re-printed these so that the military scholar and student of history may learn from other nation's way of war.

The book systematically introduces the mathematical models and solutions of generalized hydrodynamics of soft-matter quasicrystals (SMQ). It provides methods for solving the initial-boundary value problems in these systems. The solutions obtained demonstrate the distribution, deformation and motion of the soft-matter quasicrystals, and determine the stress, velocity and displacement fields. The interactions between phonons, phasons and fluid phonons are discussed in some fundamental materials samples. Mathematical solutions for solid and soft-matter quasicrystals are compared, to help readers to better understand the featured properties of SMQ.

The current social and economic context increasingly demands open data to improve scientific research and decision making. However, when published data refer to individual respondents, disclosure risk limitation techniques must be implemented to anonymize the data and guarantee by design the fundamental right to privacy of the subjects the data refer to. Disclosure risk limitation has a long record in the statistical and computer science research communities, who have developed a variety of privacy-preserving solutions for data releases. This Synthesis Lecture provides a comprehensive overview of the fundamentals of privacy in data releases focusing on the computer science perspective. Specifically, we detail the privacy models, anonymization methods, and utility and risk metrics that have been proposed so far in the literature. Besides, as a more advanced topic, we identify and discuss in detail connections between several privacy models (i.e., how to accumulate the privacy guarantees they offer to achieve more robust protection and when such guarantees are equivalent or complementary); we also explore the links between anonymization methods and privacy models (how anonymization methods can be used to enforce privacy models and thereby offer ex ante privacy guarantees). These latter topics are relevant to researchers and advanced practitioners, who will gain a deeper understanding on the available data anonymization solutions and the privacy guarantees they can offer. This is the journal of Capt. Robert ("Todd") Sloan Brown as he wrote down his thoughts and letters as he commanded an infantry company in the 4th Infantry Division (Mechanized) during Operation Iraq Freedom.

After an uneventful career as a securities attorney at her family's financial advisory firm in Boston, Pauline Insill, at 69, revives her true calling in life-a promising career she began at age 16 and was ordered to give up. As a novice private investigator in Colorado Springs, Pauline selectively challenges cold cases. Her work, however, is not easy, for the novice P.I. encounters resistance, ridicule, and rejection from key prosecutors, sheriffs, and police detectives. Only when she presents her astonishing solutions do her critics listen; and quickly, they position themselves to take credit for solving the cases, reducing the P.I.'s masterly work to a passing footnote of acknowledgment. Getting positive results for her clients is Pauline Insill's priority, not who stands in the media spotlight. Fate, however, has an atoning way of eventually calling the unsung hero up on stage; and, for Pauline, fame that eluded her decades ago now tenaciously pursues her as her cases advance from

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bottom-drawer to cause célèbre, taking her from Colorado to England.

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