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Reconfigurable Cryptographic Processor-Leibo Liu 2018-06-27 This book focuses on the design methods for reconfigurable computing processors for cryptographic algorithms. It covers the dynamic reconfiguration analysis of cryptographic algorithms, hardware architecture design, and compilation techniques for reconfigurable cryptographic processors, and also presents a case study of implementing the reconfigurable cryptographic processor "Anole" designed by the authors' team. Moreover, it features discussions on countermeasures against physical attacks utilizing partially and dynamically reconfigurable array architecture to enhance security, as well as the latest trends for reconfigurable cryptographic processors. This book is intended for research scientists, graduate students, and engineers in electronic science and technology, cryptography, network and information security, as well as computer science and technology.

The Mueller Report: Report on the Investigation into Russian Interference in the 2016 Presidential Election-Robert S Mueller 2019-06-20 The wait for The Mueller Report is over. This strikingly designed edition has been prepared by expert typographers - allowing for an optimised, immersive reading experience. "From the moment [the report] was published, two separate news universes took shape. In one, the special counsel's report was presented as a smoking-gun chronicle of high crimes and misdemeanours. In the other, it was heralded as a credibility-shredding blow to the president's opponents."—The Atlantic Make up your own mind. The Mueller Report is a must read political blockbuster.

Ending with the year 1857-Alfred Theodore Andreas 1884

Words on the Vine, Grades 5 - 8-Claudia Vurnakes 2014-12-01 A top-selling teacher resource line, The 100+ Series(TM) features over 100 reproducible activities in each book! Ancient Latin and Greek live on in the words we speak every day. Introduce your students to the fun and challenge of word genealogy with Words on the Vine, a 36-unit vocabulary program based on common Latin and Greek roots that will provide you with a framework for an entire school year. Each unit introduces 10 related words and shows how their definitions can be traced back to a common meaning. Students first examine each word in context to understand its correct usage. Then they have the opportunity to put the words to work for themselves in creative and challenging assignments. Each unit provides easy-to-remember visual clues, fun-to-read usage examples, and hand-on activities.

Practical Research-Paul D. Leedy 2013-07-30 For undergraduate or graduate courses that include planning, conducting, and evaluating research. A do-it-yourself, understand-it-yourself manual designed to help students understand the fundamental structure of research and the methodical process that leads to valid, reliable results. Written in uncommonly engaging and elegant prose, this text guides the reader, step-by-step, from the selection of a problem, through the process of conducting authentic research, to the preparation of a completed report, with practical suggestions based on a solid theoretical framework and sound pedagogy. Suitable as the core text in any introductory research course or even for self-instruction, this text will show students two things: 1) that quality research demands planning and design; and, 2) how their own research projects can be executed effectively and professionally.

Twenty Years of Education Transformation in Gauteng 1994 to 2014-Maringe, Felix 2015-05-05 Twenty Years of Education Transformation in Gauteng 1994 to 2014: An Independent Review presents a collection of 15 important essays on different aspects of education in Gauteng since the advent of democracy in 1994. These essays talk to what a provincial education department does and how and why it does these things - whether it be about policy, resourcing or implementing projects. Each essay is written by one or more specialist in the relevant focus area. The book is written to be accessible to the general reader as well as being informative and an essential resource for the specialist reader. It sheds light on aspects of how a provincial department operates and why and with what consequences certain decisions have been made in education over the last 20 turbulent years, both nationally and provincially. There has been no attempt to fit the book's chapters into a particular ideological or educational paradigm, and as a result the reader will find differing views on various aspects of the Gauteng Department of Education's present and past. We leave the reader to decide to what extent the GDE has fulfilled its educational mandate over the last 20 years.

Imaging of Soft Tissue Tumors-Arthur M. De Schepper 2013-04-17 This richly illustrated revised second edition provides a comprehensive survey of the growing role of medical imaging studies in the detection, staging, grading, tissue characterization, and post-treatment follow-up of soft tissue tumors. For each tumor group, imaging findings are correlated with clinical, epidemiologic, and histologic data. The relative merits and indications of various imaging modalities are discussed and compared. Particular emphasis is placed on MRI. The updated edition includes new chapters on soft tissue lymphoma, soft tissue tumors in the pediatric patient and biopsy of soft tissue tumors. It aims to serve both as a systematic, descriptive textbook and as a rich pictorial database of soft tissue masses.

Critical Role of Animal Science Research in Food Security and Sustainability-National Research Council 2015-03-31 By 2050 the world's population is projected to grow by one-third, reaching between 9 and 10 billion. With globalization and expected growth in global affluence, a substantial increase in per capita meat, dairy, and fish consumption is also anticipated. The demand for calories from animal products will nearly double, highlighting the critical importance of the world's animal agriculture system. Meeting the nutritional needs of this population and its demand for animal products will require a significant investment of resources as well as policy changes that are supportive of agricultural production. Ensuring sustainable agricultural growth will be essential to addressing this global challenge to food security. Critical Role of Animal Science Research in Food Security and Sustainability identifies areas of research and development, technology, and resource needs for research in the field of animal agriculture, both nationally and internationally. This report assesses the global demand for products of animal origin in 2050 within the framework of ensuring global food security; evaluates how climate change and natural resource constraints may impact the ability to meet future global demand for animal products in sustainable production systems; and identifies factors that may impact the ability of the United States to meet demand for animal products, including the need for trained human capital, product safety and quality, and effective communication and adoption of new knowledge, information, and technologies. The agricultural sector worldwide faces numerous daunting challenges that will require innovations, new technologies, and new ways of approaching agriculture if the food, feed, and fiber needs of the global population are to be met. The recommendations of Critical Role of Animal Science Research in Food Security and Sustainability will inform a new roadmap for animal science research to meet the challenges of sustainable animal production in the 21st century.

An Introduction to LTE-Christopher Cox 2014-05-12 Following on from the successful first edition (March 2012), this book gives a clear explanation of what LTE does and how it works. The content is expressed at a systems level, offering readers the opportunity to grasp the key factors that make LTE the hot topic amongst vendors and operators across the globe. The book assumes no more than a basic knowledge of mobile telecommunication systems, and the reader is not expected to have any previous knowledge of the complex mathematical operations that underpin LTE. This second edition introduces new material for the current state of the industry, such as the new features of LTE in Releases 11 and 12, notably coordinated multipoint transmission and proximity services; the main short- and long-term solutions for LTE voice calls, namely circuit switched fallback and the IP multimedia subsystem; and the evolution and current state of the LTE market. It also extends some of the material from the first edition, such as inter-operation with other technologies such as GSM, UMTS, wireless local area networks and cdma2000; additional features of LTE Advanced, notably heterogeneous networks and traffic offloading; data transport in the evolved packet core; coverage and capacity estimation for LTE; and a more rigorous treatment of modulation, demodulation and OFDMA. The author breaks down the system into logical blocks, by initially introducing the architecture of LTE, explaining the techniques used for radio transmission and reception and the overall operation of the system, and concluding with more

specialized topics such as LTE voice calls and the later releases of the specifications. This methodical approach enables readers to move on to tackle the specifications and the more advanced texts with confidence.

Introduction to Instrumentation and Measurements-Robert B. Northrop 2018-09-03 Weighing in on the growth of innovative technologies, the adoption of new standards, and the lack of educational development as it relates to current and emerging applications, the third edition of Introduction to Instrumentation and Measurements uses the authors' 40 years of teaching experience to expound on the theory, science, and art of modern instrumentation and measurements (I&M). What's New in This Edition: This edition includes material on modern integrated circuit (IC) and photonic sensors, micro-electro-mechanical (MEM) and nano-electro-mechanical (NEM) sensors, chemical and radiation sensors, signal conditioning, noise, data interfaces, and basic digital signal processing (DSP), and upgrades every chapter with the latest advancements. It contains new material on the designs of micro-electro-mechanical (MEMS) sensors, adds two new chapters on wireless instrumentation and microsensors, and incorporates extensive biomedical examples and problems. Containing 13 chapters, this third edition: Describes sensor dynamics, signal conditioning, and data display and storage Focuses on means of conditioning the analog outputs of various sensors Considers noise and coherent interference in measurements in depth Covers the traditional topics of DC null methods of measurement and AC null measurements Examines Wheatstone and Kelvin bridges and potentiometers Explores the major AC bridges used to measure inductance, Q, capacitance, and D Presents a survey of sensor mechanisms Includes a description and analysis of sensors based on the giant magnetoresistive effect (GMR) and the anisotropic magnetoresistive (AMR) effect Provides a detailed analysis of mechanical gyroscopes, clinometers, and accelerometers Contains the classic means of measuring electrical quantities Examines digital interfaces in measurement systems Defines digital signal conditioning in instrumentation Addresses solid-state chemical microsensors and wireless instrumentation Introduces mechanical microsensors (MEMS and NEMS) Details examples of the design of measurement systems Introduction to Instrumentation and Measurements is written with practicing engineers and scientists in mind, and is intended to be used in a classroom course or as a reference. It is assumed that the reader has taken core EE curriculum courses or their equivalents.

The WikiLeaks Files-WikiLeaks 2015-09-15 What Cablegate tells us about the reach and ambitions of US Empire. Published in collaboration with WikiLeaks. WikiLeaks came to prominence in 2010 with the release of 251,287 top-secret State Department cables, which revealed to the world what the US government really thinks about national leaders, friendly dictators, and supposed allies. It brought to the surface the dark truths of crimes committed in our name: human rights violations, covert operations, and cover-ups. The WikiLeaks Files exposes the machinations of the United States as it imposes a new form of imperialism on the world, one founded on tactics from torture to military action, to trade deals and "soft power," in the perpetual pursuit of expanding influence. The book also includes an introduction by Julian Assange examining the ongoing debates about freedom of information, international surveillance, and justice. An introduction by Julian Assange—writing on the subject for the first time—exposes the ongoing debates about freedom of information, international surveillance, and justice. With contributions by Dan Beeton, Phyllis Bennis, Michael Busch, Peter Certo, Conn Hallinan, Sarah Harrison, Richard Heydarian, Dahr Jamail, Jake Johnston, Alexander Main, Robert Naiman, Francis Njubi Nesbitt, Linda Pearson, Gareth Porter, Tim Shorrock, Russ Wellen, and Stephen Zunes. From the Trade Paperback edition.

Concrete Pressure Pipe, 3rd Ed.-American Water Works Association 2008 This comprehensive manual of water supply practices explains the design, selection, specification, installation, transportation, and pressure testing of concrete pressure pipes in potable water service.

Molecular Gels-Richard G. Weiss 2006-06-30 "Molecular Gels: Materials with Self-Assembled Fibrillar Networks" is a comprehensive treatise on gelators, especially low molecular-mass gelators and the properties of their gels. The structures and modes of formation of the self-assembled fibrillar networks (SAFINs) that immobilize the liquid components of the gels are discussed experimentally and theoretically. The spectroscopic, rheological, and structural features of the different classes of low molecular-mass gelators are also presented. Many examples of the application of the principal analytical techniques for investigation of molecular gels (including SANS, SAXS, WAXS, UV-vis absorption, fluorescence and CD spectroscopies, scanning electron, transmission electron and optical microscopies, and molecular modeling) are presented didactically and in-depth, as are several of the theories of the stages of aggregation of individual low molecular-mass gelator molecules leading to SAFINs. Several actual and potential applications of molecular gels in disparate fields (from silicate replication of nanostructures to art conservation) are described. Special emphasis is placed on perspectives for future developments. This book is an invaluable resource for researchers and practitioners either already researching self-assembly and soft matter or new to the area. Those who will find the book useful include chemists, engineers, spectroscopists, physicists, biologists, theoreticians, and materials scientists.

Brewster: A Novel-Mark Slouka 2014-05-05 Still reeling from the death of his older brother, a sixteen-year-old track star befriends a street-fighting rebel and together they search for redemption amidst the social changes of 1968.

WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical Mucus Interaction-World Health Organisation 1999-05-13 This definitive and essential source of reference has been thoroughly up-dated and revised to meet the requirements of all laboratories involved in the analysis of human semen. The book sets out the fundamental laboratory techniques that should be employed in the diagnosis of male infertility. The text includes descriptions of how to construct a conventional semen profile and provides standardized protocols for performing several optional diagnostic procedures. Such techniques are essential in the evaluation of infertile couples and in assessing fertility in men whose sperm production is suppressed by potential anti-fertility compounds or by toxic agents: they are also of interest in forensic medicine and in connection with artificial insemination. Previous editions of this volume have established themselves as the gold standard in the area of fertility investigation and treatment: this new edition continues that tradition and will be the benchmark for setting more rigorous standards for future years.

Deep Learning with PyTorch-Eli Stevens 2020-08-04 Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Summary Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Foreword by Soumith Chintala, Cocreator of PyTorch. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Although many deep learning tools use Python, the PyTorch library is truly Pythonic. Instantly familiar to anyone who knows PyData tools like NumPy and scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's excellent for building quick models, and it scales smoothly from laptop to enterprise. Because companies like Apple, Facebook, and JPMorgan Chase rely on PyTorch, it's a great skill to have as you expand your career options. It's easy to get started with PyTorch. It minimizes cognitive overhead without sacrificing the access to advanced features, meaning you can focus on what matters the most - building and training the latest and greatest deep learning models and contribute to making a dent in the world. PyTorch is also a snap to scale and extend, and it partners well with other Python tooling. PyTorch has been adopted by hundreds of deep learning practitioners and several first-class players like FAIR, OpenAI, FastAI and Purdue. About the book Deep Learning with PyTorch teaches you to create neural networks and deep learning systems with PyTorch. This practical book quickly gets you to work building a real-world example from scratch: a tumor image classifier. Along the way, it covers best practices for the entire DL pipeline, including the PyTorch Tensor API, loading data in Python, monitoring training, and visualizing results. After covering the basics, the book will take you on a journey through larger projects. The centerpiece of the book is a neural network designed for cancer detection. You'll discover ways for training networks with limited inputs and start processing data to get some results. You'll sift through the unreliable initial results and focus on how to diagnose and fix the problems in your neural network. Finally, you'll look at ways to improve your results by training with augmented data, make improvements to the model architecture, and perform other fine tuning. What's inside Training deep neural networks Implementing modules and loss functions Utilizing pretrained models from PyTorch Hub Exploring code samples in Jupyter Notebooks About the reader For Python programmers with an interest in machine learning. About the author Eli Stevens had roles from software engineer to CTO, and is currently working on machine learning in the self-driving-car industry. Luca Antiga is cofounder of an AI engineering company and an AI tech startup, as well as a former PyTorch contributor. Thomas Viehmann is a PyTorch core developer and machine learning trainer and consultant. consultant based in Munich, Germany and a PyTorch core developer. Table of Contents PART 1 - CORE PYTORCH 1 Introducing deep learning and the PyTorch Library 2 Pretrained networks 3 It starts with a tensor 4 Real-world data representation using tensors 5 The mechanics of learning 6 Using a neural network to fit the data 7 Telling birds from airplanes: Learning from images 8 Using convolutions to generalize PART 2 - LEARNING FROM IMAGES IN THE REAL WORLD: EARLY DETECTION OF LUNG CANCER 9 Using PyTorch to fight cancer 10 Combining data sources into a unified dataset 11 Training a classification model to detect suspected tumors 12 Improving training with metrics and augmentation 13 Using segmentation to find suspected nodules 14 End-to-end nodule analysis, and where to go next PART 3 - DEPLOYMENT 15 Deploying to production

Broadcast Announcing Worktext-Alan R. Stephenson 2013 The Broadcast Announcing Worktext provides you with the skills, techniques, and procedures necessary to enter this highly competitive field of broadcast performance. In addition to the principles of good performance, this book addresses the importance of audience and how to communicate effectively to various groups. Television and radio studio environments, announcer specializations and

responsibilities, and developing a broadcast delivery style are just a few of the many topics covered. Factual information is presented in brief, easy-to-digest modules and is enhanced with self-study questions and projects. The self-study provides an immediate check on what you learn, and the projects allow for a practical hands-on application of key concepts in the material. The worktext format, with many real-life examples, combines both traditional teaching and practical experience. A companion CD illustrates techniques and concepts in each chapter with audio and visual examples. This third edition will give you knowledge of other non-traditional forms of announcing, such as online radio announcing, podcast announcing, and other forms of online announcing, such as online shows, clips, and news. * New coverage of internet radio announcing techniques and other forms of distribution gives the readers a broader view of broadcast outlets * Presented in brief, easy-to-digest modules with self-study questions and projects that encourage active participation * CD with samples of broadcast and radio performances for enhanced learning

Language-Edward Sapir 1921 Professor Sapir analyzes, for student and common reader, the elements of language. Among these are the units of language, grammatical concepts and their origins, how languages differ and resemble each other, and the history of the growth of representative languages--Cover.

Child Friendly Schools Manual- 2009 This Child-Friendly Schools (CFS) Manual was developed during three-and-a-half years of continuous work, involving the United Nations Children's Fund education staff and specialists from partner agencies working on quality education. It benefits from fieldwork in 155 countries and territories, evaluations carried out by the Regional Offices and desk reviews conducted by headquarters in New York. The manual is a part of a total resource package that includes an e-learning package for capacity-building in the use of CFS models and a collection of field case studies to illustrate the state of the art in child-friendly schools in a variety of settings.

Julian Assange-Julian Assange 2011-09-22 In December 2010, Julian Assange signed a contract with Canongate Books to write a book - part memoir, part manifesto - for publication the following year. At the time, Julian said: 'I hope this book will become one of the unifying documents of our generation. In this highly personal work, I explain our global struggle to force a new relationship between the people and their governments.' In the end, the work was to prove too personal. Despite sitting for more than fifty hours of taped interviews and spending many late nights at Ellingham Hall (where he was living under house arrest) discussing his life and the work of WikiLeaks with the writer he had enlisted to help him, Julian became increasingly troubled by the thought of publishing an autobiography. After reading the first draft of the book at the end of March, Julian declared: 'All memoir is prostitution.' In June 2011, with thirty-eight publishing houses around the world committed to releasing the book, Julian told us he wanted to cancel his contract. We disagree with Julian's assessment of the book. We believe it explains both the man and his work, underlining his commitment to the truth. Julian always claimed the book was well written; we agree, and this also encouraged us to make the book available to readers. And the contract? By the time Julian wanted to cancel the deal he had already used the advance money to settle his legal bills. So the contract still stands. We have decided to honour it - and to publish. This book is the unauthorised first draft. It is passionate, provocative and opinionated - like its author. It fulfils the promise of the original proposal and we are proud to publish it. Canongate Books, September 2011

Hate Crimes in Cyberspace-Danielle Keats Citron 2014-09-22 The author examines the controversies surrounding cyber-harassment, arguing that it should be considered a matter for civil rights law and that social norms of decency and civility must be leveraged to stop it.

Intra-Uterine Insemination-Ben Cohlen 2013-12-20 Intra-uterine insemination (IUI) is a widely used fertility treatment for couples with unexplained and male subfertility. Although it is less invasive and less expensive than other treatment options such as in vitro fertilization, several factors affect its outcome. In addition, IUI remains controversial due to concerns about some of the possible aspects of treatment, including side-effects such multiple pregnancies. This comprehensive evidence-based book from an international IUI expert team explores all of these topics and provides clear guidelines for daily practice.

On Food and Cooking-Harold McGee 2007-03-20 Harold McGee's On Food and Cooking is a kitchen classic. Hailed by Time magazine as "a minor masterpiece" when it first appeared in 1984, On Food and Cooking is the bible to which food lovers and professional chefs worldwide turn for an understanding of where our foods come from, what exactly they're made of, and how cooking transforms them into something new and delicious. Now, for its twentieth anniversary, Harold McGee has prepared a new, fully revised and updated edition of On Food and Cooking. He has rewritten the text almost completely, expanded it by two-thirds, and commissioned more than 100 new illustrations. As compulsively readable and engaging as ever, the new On Food and Cooking provides countless eye-opening insights into food, its preparation, and its enjoyment. On Food and Cooking pioneered the translation of technical food science into cook-friendly kitchen science and helped give birth to the inventive culinary movement known as "molecular gastronomy." Though other books have now been written about kitchen science, On Food and Cooking remains unmatched in the accuracy, clarity, and thoroughness of its explanations, and the intriguing way in which it blends science with the historical evolution of foods and cooking techniques. Among the major themes addressed throughout this new edition are: Traditional and modern methods of food production and their influences on food quality The great diversity of methods by which people in different places and times have prepared the same ingredients Tips for selecting the best ingredients and preparing them successfully The particular substances that give foods their flavors and that give us pleasure Our evolving knowledge of the health benefits and risks of foods On Food and Cooking is an invaluable and monumental compendium of basic information about ingredients, cooking methods, and the pleasures of eating. It will delight and fascinate anyone who has ever cooked, savored, or wondered about food.

FEFLOW-Hans-Jörg G. Diersch 2013-11-22 FEFLOW is an acronym of Finite Element subsurface FLOW simulation system and solves the governing flow, mass and heat transport equations in porous and fractured media by a multidimensional finite element method for complex geometric and parametric situations including variable fluid density, variable saturation, free surface(s), multispecies reaction kinetics, non-isothermal flow and multidiffusive effects. FEFLOW comprises theoretical work, modeling experiences and simulation practice from a period of about 40 years. In this light, the main objective of the present book is to share this achieved level of modeling with all required details of the physical and numerical background with the reader. The book is intended to put advanced theoretical and numerical methods into the hands of modeling practitioners and scientists. It starts with a more general theory for all relevant flow and transport phenomena on the basis of the continuum approach, systematically develops the basic framework for important classes of problems (e.g., multiphase/multispecies non-isothermal flow and transport phenomena, discrete features, aquifer-averaged equations, geothermal processes), introduces finite-element techniques for solving the basic balance equations, in detail discusses advanced numerical algorithms for the resulting nonlinear and linear problems and completes with a number of benchmarks, applications and exercises to illustrate the different types of problems and ways to tackle them successfully (e.g., flow and seepage problems, unsaturated-saturated flow, advective-diffusion transport, saltwater intrusion, geothermal and thermohaline flow).

The Image of the City-Kevin Lynch 1960 The classic work on the evaluation of city form. What does the city's form actually mean to the people who live there? What can the city planner do to make the city's image more vivid and memorable to the city dweller? To answer these questions, Mr. Lynch, supported by studies of Los Angeles, Boston, and Jersey City, formulates a new criterion--imageability--and shows its potential value as a guide for the building and rebuilding of cities. The wide scope of this study leads to an original and vital method for the evaluation of city form. The architect, the planner, and certainly the city dweller will all want to read this book.

An Introduction to Aquatic Toxicology-Mikko Nikinmaa 2014-07-01 An Introduction to Aquatic Toxicology is an introductory reference for all aspects of toxicology pertaining to aquatic environments. As water sources diminish, the need to understand the effects that contaminants may have on aquatic organisms and ecosystems increases in importance. This book will provide you with a solid understanding of aquatic toxicology, its past, its cutting-edge present and its likely future. An Introduction to Aquatic Toxicology will introduce you to the global issue of aquatic contamination, detailing the major sources of contamination, from where they originate, and their effects on aquatic organisms and their environment. State-of-the-art toxicological topics covered include nanotoxicology, toxicogenomics, bioinformatics, transcriptomics, metabolomics, as well as water management and the toxicological effects of major environmental issues such as algal blooms, climate change and ocean acidification. This book is intended for anyone who wants to know more about the impact of toxicants on aquatic organisms and ecosystems, or to keep up to date with recent and future developments in the field. Provides with the latest perspectives on the impacts of toxicants on aquatic environments, such as nanotoxicology, toxicogenomics, ocean acidification and eutrophication Offers a complete overview, beginning with the origins of aquatic toxicology and concluding with potential future challenges Includes guidance on testing methods and a glossary of aquatic toxicology terms.

The Dynamics of Persuasion-Richard M. Perloff 2016-12-19 The Dynamics of Persuasion has been a staple resource for teaching persuasion for nearly two decades. Author Richard M. Perloff speaks to students in a style that is engaging and informational, explaining key theories and research as well as providing timely and relevant examples. The companion website includes materials for both students and instructors and expanding the pedagogical utilities. The sixth edition includes: updated theoretical and applied research in a variety of areas, including framing, inoculation, and self-affirmation; new studies of health campaigns; expanded coverage of social media marketing; enhanced discussion of the Elaboration Likelihood Model in light of continued research and new applications to everyday persuasion. The fundamentals of the book - emphasis on theory, clear-cut explanation of findings, in-depth discussion of persuasion processes and effects, and easy-to-follow real-world applications - continue in the sixth edition.

Fiske WordPower-Edward B Fiske 2018-07-03 The Exclusive Method You Can Use to Learn—Not Just Memorize—Essential Words A powerful vocabulary expands your world of opportunity. Building your word power will help you write

more effectively, communicate clearly, score higher on standardized tests like the SAT, ACT, or GRE, and be more confident and persuasive in everything you do. Using the exclusive Fiske method, you will not just memorize words, but truly learn their meanings and how to use them correctly. This knowledge will stay with you longer and be easier to recall—and it doesn't take any longer than less-effective memorization. How does it work? This book uses a simple three-part system: 1. Patterns: Words aren't arranged randomly or alphabetically, but in similar groups based on meaning and origin that make words easier to remember over time. 2. Deeper Meanings, More Examples: Full explanations—not just brief definitions—of what the words mean, plus multiple examples of the words in sentences. 3. Quick Activities: Frequent short quizzes help you test how much you've learned, while helping your brain internalize their meanings.

Fault Tree Handbook-W. E. Vesely 2014-06-12 Since 1975, a short course entitled "System Safety and Reliability Analysis" has been presented to over 200 NRC personnel and contractors.

PLL Performance, Simulation and Design-Dean Banerjee 2006-08 This book is intended for the reader who wishes to gain a solid understanding of Phase Locked Loop architectures and their applications. It provides a unique balance between both theoretical perspectives and practical design trade-offs. Engineers faced with real world design problems will find this book to be a valuable reference providing example implementations, the underlying equations that describe synthesizer behavior, and measured results that will improve confidence that the equations are a reliable predictor of system behavior. New material in the Fourth Edition includes partially integrated loop filter implementations, voltage controlled oscillators, and modulation using the PLL.

Guide for the Care and Use of Laboratory Animals-Institute for Laboratory Animal Research 1996-08-06 A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been revised by a committee of experts, based on input from scientists and the public. The Guide incorporates recent research on commonly used species, including farm animals, and includes extensive references. It is organized around major components of animal use: Institutional policies and responsibilities. The committee discusses areas that require policy attention: the role and function of the Institutional Animal Care and Use Committee, protocols for animal care and use, occupational health and safety, personnel qualifications, and other areas. Animal environment, husbandry, and management. The committee offers guidelines on how to design and run a management program, addressing environment, nutrition, sanitation, behavioral and social issues, genetics, nomenclature, and more. Veterinary care. The committee discusses animal procurement and transportation, disease and preventive medicine, and surgery. The Guide addresses pain recognition and relief and issues surrounding euthanasia. Physical plant. The committee identifies design and construction issues, providing guidelines for animal-room doors, drainage, noise control, surgery, and other areas. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities--a resource of proven value, now updated and expanded. This revision will be important to researchers, animal care technicians, facilities managers, administrators at research institutions, policymakers involved in research issues, and animal welfare advocates.

Essentials of Nuclear Medicine Imaging-Fred A. Mettler 1986

Explanation and Proof in Mathematics-Gila Hanna 2009-12-04 In the four decades since Imre Lakatos declared mathematics a "quasi-empirical science," increasing attention has been paid to the process of proof and argumentation in the field -- a development paralleled by the rise of computer technology and the mounting interest in the logical underpinnings of mathematics. Explanation and Proof in Mathematics assembles perspectives from mathematics education and from the philosophy and history of mathematics to strengthen mutual awareness and share recent findings and advances in their interrelated fields. With examples ranging from the geometers of the 17th century and ancient Chinese algorithms to cognitive psychology and current educational practice, contributors explore the role of refutation in generating proofs, the varied links between experiment and deduction, the use of diagrammatic thinking in addition to pure logic, and the uses of proof in mathematics education (including a critique of "authoritative" versus "authoritarian" teaching styles). A sampling of the coverage: The conjoint origins of proof and theoretical physics in ancient Greece. Proof as bearers of mathematical knowledge. Bridging knowing and proving in mathematical reasoning. The role of mathematics in long-term cognitive development of reasoning. Proof as experiment in the work of Wittgenstein. Relationships between mathematical proof, problem-solving, and explanation. Explanation and Proof in Mathematics is certain to attract a wide range of readers, including mathematicians, mathematics education professionals, researchers, students, and philosophers and historians of mathematics.

WikiLeaks-David Leigh 2011-02-08 A team of journalists with unparalleled inside access provides the first full, in-depth account of WikiLeaks, its founder Julian Assange, and the ethical, legal, and political controversies it has both uncovered and provoked.

U S Navy Diving Manual-Naval Sea Systems Command 2015-02-02

Advanced Teaching Methods for the Technology Classroom-Petrina, Stephen 2006-09-30 "This book provides a comprehensive, critical approach to meeting the new challenges of technology in the classroom. It gathers together research on technology methods, principles, and content, acting as a reference source for proven and innovative methods. It presents an introduction to teaching educational technology, design, and engineering and contains strategies for innovation in technology education"--Provided by publisher.

Underground-Suelette Dreyfus 2012-01-05 Suelette Dreyfus and her co-author, WikiLeaks founder Julian Assange, tell the extraordinary true story of the computer underground, and the bizarre lives and crimes of an elite ring of international hackers who took on the establishment. Spanning three continents and a decade of high level infiltration, they created chaos amongst some of the world's biggest and most powerful organisations, including NASA and the US military. Brilliant and obsessed, many of them found themselves addicted to hacking and phreaking. Some descended into drugs and madness, others ended up in jail. As riveting as the finest detective novel and meticulously researched, Underground follows the hackers through their crimes, their betrayals, the hunt, raids and investigations. It is a gripping tale of the digital underground.

Beyond WikiLeaks-B. Brevini 2013-04-16 The 2010 release of US embassy diplomatic cables put WikiLeaks into the international spotlight. Revelations by the leaks sparked intense debate within international diplomacy, journalism and society. This book reflects on the implications of WikiLeaks across politics and media, and on the results of leak journalism and transparency activism.

The Necropsy Book-John M. King 2013-01-01

Cypherpunks-Julian Assange 2016-10 The Internet has led to revolutions across the world but a crackdown is now in full swing. As whole societies move online, mass surveillance programs are being deployed globally. Our civilization has reached a crossroads. In one direction lies a future promoting "privacy for the weak and transparency for the powerful"; in the other is an internet that transfers power over entire populations to an unaccountable complex of spy agencies and their trans-national corporate allies. Cypherpunks are activists who advocate the mass use of strong cryptography as a way protecting our basic freedoms against this onslaught. Julian Assange, the editor-in-chief of an visionary behind Wikileaks, has been a leading voice in the cypherpunk movement since the 1990s. Now, in a timely and important new book, Assange brings together a group of rebel thinkers and activists from the front line of the battle for cyberspace to discuss whether the internet will emancipate or enslave all of us.--

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