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The Activist WPA Linda Adler-Kassner 2008-04-10 One wonders if there is any academic field that doesn't suffer from the way it is portrayed by the media, by politicians, by pundits and other publics. How well scholars in a discipline articulate their own definition can influence not only issues of image but the very success of the discipline in serving students and its other constituencies. The Activist WPA is an effort to address this range of issues for the field of English composition in the age of the Spellings Commission and the No Child Left Behind Act. Drawing on recent developments in framing theory and the resurgent traditions of progressive organizers, Linda Adler-Kassner calls upon composition teachers and administrators to develop strategic programs of collective action that do justice to composition's best principles. Adler-Kassner argues that the "story" of college composition can be changed only when writing scholars bring the wonders down, to articulate a theory framework that is pragmatic and intelligible to those outside the field--and then create messages that reference that framework. In The Activist WPA, she makes a case for developing a more integrated vision of outreach, English education, and writing program administration.

Distant Healing Manual

Global Production Eberhard Abele 2008-01-26 Global production and purchasing operations create a platform for entry into new markets. However, it takes considerable effort to plan and implement a sustainable globalization strategy; this book will help in that task. The wealth of experience and analysis featured in this book is the result of an extensive survey among leading manufacturing companies as well as countless discussions with executives who have personally wrestled with the issues of "going global." The book treats the whole range of management challenges. In breadth and depth, the insights it offers surpass what a manager or most individual companies could acquire on their own.

Handbook of Parent-Child Interaction Therapy for Children on the Autism Spectrum Cheryl Bodiford McNeil 2019-02-06 This handbook offers a theoretical foundation for the adaptation of Parent-Child Interaction Therapy (PCIT) for children with autism spectrum disorder (ASD) and their families. The volume examines current treatments for children with ASD and provides a rationale for why PCIT is considered a strong option to address many of the concerns found within this population of children and families. It presents an overview of PCIT theory, the goals of PCIT, the unique aspects of the treatment, and the exceptional outcomes. The handbook demonstrates the versatility of PCIT in conjunction with standard science-based therapies in addressing specific behavioral problems in this young population. Chapters provide a theoretical basis for PCIT, the empirical evidence for its efficacy, clinical considerations, and training issues. Chapters also offer a selection of case studies that help illustrate how PCIT has been successful in treating children with autism. The handbook concludes by identifying the gaps that need to be addressed by future research. Topics featured in the Handbook include: A clinical description of Parent-Child Interaction Therapy. The effects of medication for individuals with ASD. The importance of parent-child interactions in social communication and development. Teaching complex social behavior to children with ASD. Internet-delivered PCIT (I-PCIT) for children with autism. Child-Directed Interaction treatments for children with ASD. Parent-Directed Interaction treatments for children on the autism spectrum. The Handbook of Parent-Child Interaction Therapy for Children on the Autism Spectrum is a must-have resource for researchers, professors, clinicians/practitioners/therapists, and graduate students across many interrelated disciplines, including child and school psychology, behavioral therapy, social work, child and adolescent psychiatry,

pediatrics, and family studies as well as occupational therapy, physical therapy, behavior analysis, and speech therapy.

Microgrid Architectures, Control and Protection Methods Naser Mahdavi Tabatabaei 2019-08-01 This book presents intuitive explanations of the principles of microgrids, including their structure and operation and their applications. It also discusses the latest research on microgrid control and protection technologies and the essentials of microgrids as well as enhanced communication systems. The book provides solutions to microgrid operation and planning issues using various methodologies including planning and modelling; AC and DC hybrid microgrids; energy storage systems in microgrids; and optimal microgrid operational planning. Written by specialists, it is filled in innovative solutions and research related to microgrid operation, making it a valuable resource for those interested in developing updated approaches in electric power analysis, design and operational strategies. Thanks to its in-depth explanations and clear, three-part structure, it is useful for electrical engineering students, researchers and technicians.

Optimizing and Troubleshooting Hyper-V Networking Mitch Tulloch 2013-07-15 This scenario-focused title provides concise technical guidance and insights for troubleshooting and optimizing networking with Hyper-V. Written by experienced virtualization professionals, this little book packs a lot of value into a few pages, offering a lean read with lots of real-world insights and best practices for Hyper-V networking optimization in Windows Server 2012. Focused guide extends your knowledge and capabilities with Hyper-V networking in Windows Server 2012 Shares hands-on insights from a team of Microsoft virtualization experts Provides pragmatic troubleshooting and optimization guidance from the field

Cost Accounting For Dummies Kenneth W. Boyd 2013-02-11 The easy way to get a grip on cost accounting Critical in supporting strategic business decisions andimproving profitability, cost accounting is arguably one of themost important functions in the accounting field. For businessstudents, cost accounting is a required course for those seeking anaccounting degree and is a popular elective among other businessmajors. Cost Accounting For Dummies tracks to a typical costaccounting course and provides in-depth explanations and reviews ofthe essential concepts you'll encounter in your studies: how todefine costs as direct materials, direct labor, fixed overhead,variable overhead, or period costs; how to use allocationmethodology to assign costs to products and services; how toevaluate the need for capital expenditures; how to design a budgetmodel that forecast changes in costs based on expected activitylevels; and much more. Tracks to a typical cost accounting course Includes practical, real-world examples Walks you though homework problems with detailed,easy-to-understand answers If you're currently enrolled in a cost accounting course, thishands-on, friendly guide gives you everything you need to masterthis critical aspect of accounting.

Retail Supply Chain Management Narendra Agrawal 2015-04-20 This new edition focuses on three crucial areas of retail supply chain management: (1) empirical studies of retail supply chain practices, (2) assortment and inventory planning and (3) integrating price optimization into retail supply chain decisions. The book has been fully updated, expanding on the distinguishing features of the original, while offering three new chapters on recent topics which reflect areas of great interest and relevance to the academic and professional communities alike – inventory management in the presence of data inaccuracies, retail workforce management, and fast fashion retail strategies. The innovations, lessons for practice, and new technological solutions for managing retail supply chains are important not just in retailing, but offer crucial insights and strategies for the ultimate effective management of supply chains in other industries as well. The retail industry has emerged as a fascinating choice for researchers in the field of supply chain management. It presents a vast array of stimulating challenges that have long provided the context of much of the research in the area of operations research and inventory management. However, in recent years, advances in computing capabilities and information technologies, hyper-competition in the retail industry, emergence of multiple retail formats and distribution channels, an ever increasing trend towards a globally dispersed retail network, and a better understanding of the importance of collaboration in the extended supply chain have led to a surge in academic research on topics in retail supply chain management. Many supply chain innovations (e.g., vendor managed inventory) were first conceived and successfully validated in this industry, and have since been adopted in others. Conversely, many retailers have been quick to adopt cutting edge practices that first originated in other industries. Retail Supply Chain Management: Quantitative Models and Empirical Studies, 2nd Ed. is an attempt to summarize the state of the art in this research, as well as offer a perspective on what new applications may lie ahead.

Career Development and Counseling Steven D. Brown 2012-06-29 "This is a must-have for any researcher in vocational psychology or career counseling, or anyone who wishes to understand the empirical underpinnings of the practice of career counseling." -Mark Pope, EdD College of Education, University of Missouri - St. Louis past president of the American Counseling Association Today's career development professional must choose from a wide array of theories and practices in order to provide services for a diverse range of clients. Career Development and Counseling: Putting Theory and Research to Work focuses on scientifically based career theories and practices, including those derived from research in other disciplines. Driven by the latest empirical and practical evidence, this text offers the most in-depth, far-reaching, and comprehensive career development and counseling resource available. Career Development and Counseling includes coverage of: Major theories of career development, choice, and adjustment Informative research on occupational aspirations, job search success, job satisfaction, work performance, career development with people of color, and women's career development Assessment of interests, needs and values, ability, and other important constructs Occupational classification and sources of occupational information Counseling for school-aged youth, diverse populations, choice-making, choice implementation, work adjustment, and retirement Special needs and applications including those for at-risk, intellectually talented, and work-bound youth; people with disabilities; and individuals dealing with job loss, reentry, and career transitions Edited by two of the leading figures in career development, and featuring contributions by many of the most well-regarded specialists in the field, Career Development and Counseling: Putting Theory and Research to Work is the one book that every career counselor, vocational psychologist, and serious student of career development must have.

Sustainability in a Digital World Thomas Osburg 2017-05-17 This book offers a comprehensive introduction to the different emerging concepts in the innovative area of sustainability and digital technology. More than 20 leading thinkers from the fields of digitalization, strategic management, sustainability and organizational development share clearly structured insights on the latest developments, advances and remaining challenges concerning the role of sustainability in an increasingly digital world. The authors not only introduce a profound and unique analysis on the state-of-the art of sustainability and digital transformation, but also provide business leaders with practical advice on how to apply the latest management thinking to their daily business decisions. Further, a number of significant case studies exemplify the issues discussed and serve as valuable blueprints for decision makers.

Intangible Assets Jeffrey A. Cohen 2011-07-20 Praise for Intangible Assets "In Intangible Assets, Jeffrey Cohen presents an informative, thought-provoking and practical look at an increasingly important component of every business's worth. He describes the art and science of identifying assets that have clear economic benefit, but are typically not found on the balance sheet, and he provides an invaluable framework within which the reader can value these assets, despite their elusive nature." --Rick Westervelt, President, Skylist, Inc. "Jeffrey Cohen's integrative approach to conceptual issues of intangible assets is creative and a refreshing contribution. He brings law, economics, finance, and accounting to the same table, which results in a comprehensive framework for understanding how value is created and sustained. His construct of 'proto-assets' and 'portfolio of intangible economic benefits' is key. Written in an easy-to-read style with many practical examples, this book will be useful for both novice and experienced professionals." --W. Dana Northcut, PhD, Adjunct Associate Professor of Accounting Graduate School of Business, University of Chicago Principal, Chicago Partners, LLC "This volume is the perfect resource for newcomers to IP valuation. Through lucid explanations and well-chosen illustrations, it does for the reader exactly what a valuation expert should do for a client--it makes the abstract concrete. But this volume is not just for the novice; it holds insights that will be useful to IP experts in law, accounting, and economics." --Edward F. Malone, Partner, Jenner & Block LLP

Comprehensive Functional Verification Bruce Wile 2005-05-26 One of the biggest challenges in chip and system design is determining whether the hardware works correctly. That is the job of functional verification engineers and they are the audience for this comprehensive text from three top industry professionals. As designs increase in complexity, so has the value of verification engineers within the hardware design team. In fact, the need for skilled verification engineers has grown dramatically--functional verification now consumes between 40 and 70% of a project's labor, and about half its cost. Currently there are very few books on verification for engineers, and none that cover the subject as comprehensively as this text. A key strength of this book is that it describes the entire verification cycle and details each stage. The organization of the book follows the cycle, demonstrating how functional verification engages all aspects of the overall design effort and how individual cycle stages relate to

the larger design process. Throughout the text, the authors leverage their 35 plus years experience in functional verification, providing examples and case studies, and focusing on the skills, methods, and tools needed to complete each verification task. Comprehensive overview of the complete verification cycle Combines industry experience with a strong emphasis on functional verification fundamentals Includes real-world case studies

The Youth Worker's Guide to Helping Teenagers in Crisis Rich Van Pelt 2008-11-04 When youth work becomes crisis managers.Anyone who stays in youth ministry for a while will encounter significant crises. Family break-ups, substance abuse, sexual assault, eating disorders, cutting, suicide, gun violence.But without proper and immediate care, crises like these can cause years of emotional pain and spiritual scarring in students.Rich Van Pelt and Jim Hancock want to help you prevent that from happening.Through their experience and expertise, you'll learn how to:-Respond quickly and effectively to crisis -Balance legal, ethical, and spiritual outcomes -Forge preventive partnerships with parents, schools, and students -Bring healing when damage is doneWhen crises happen‹and they will, ready or not‹there are practical steps you can take. Van Pelt and Hancock provide field-tested counsel and specific, biblical advice for each stage of crisis. Keep this book on hand as your go-to resource when you need it most.Because when it comes to crisis, it's not a matter of if, but when.

System Engineering Analysis, Design, and Development Charles S. Wasson 2015-11-16 Praise for the first edition: "This excellent text will be useful to everysystem engineer (SE) regardless of the domain. It covers ALLrelevant SE material and does so in a very clear, methodicalfashion. The breadth and depth of the author's presentation ofSE principles and practices is outstanding." –Philip Allen This textbook presents a comprehensive, step-by-step guide toSystem Engineering analysis, design, and development via anintegrated set of concepts, principles, practices, andmethodologies. The methods presented in this text apply to any typeof human system -- small, medium, and large organizational systemsand system development projects delivering engineered systems orservices across multiple business sectors such as medical,transportation, financial, educational, governmental, aerospace anddefense, utilities, political, and charity, among others. Provides a common focal point for "bridgingthe gap" between and unifying System Users, System Acquirers,multi-discipline System Engineering, and Project, Functional, andExecutive Management education, knowledge, and decision-making fordeveloping systems, products, or services Each chapter provides definitions of key terms,guiding principles, examples, author's notes, real-worldexamples, and exercises, which highlight and reinforce key SE&Dconcepts and practices Addresses concepts employed in Model-BasedSystems Engineering (MBSE), Model-Driven Design (MDD), UnifiedModeling Language (UMLTM) / Systems Modeling Language(SysMLTM), and Agile/Spiral/V-Model Development such asuser needs, stories, and use cases analysis; specificationdevelopment; system architecture development; User-Centric SystemDesign (UCSD); interface definition & control; systemintegration & test; and Verification & Validation(V&V) Highlights/introduces a new 21st Century SystemsEngineering & Development (SE&D) paradigm that is easy tounderstand and implement. Provides practices that are critical stagingpoints for technical decision making such as Technical StrategyDevelopment; Life Cycle requirements; Phases, Modes, & States;SE Process; Requirements Derivation; System ArchitectureDevelopment, User-Centric System Design (UCSD); EngineeringStandards, Coordinate Systems, and Conventions; et al. Thoroughly illustrated, with end-of-chapter exercises andnumerous case studies and examples, Systems EngineeringAnalysis, Design, and Development, Second Edition is a primarytextbook for multi-discipline, engineering, system analysis, andproject management undergraduate/graduate level students and avaluable reference for professionals.

Growth Mindset for Teachers Sherria Hoskins 2019-09-30 Growth Mindsets are recognized as a powerful teaching and learning tool. To avoid misunderstanding, misuse or oversimplification, this new book explores what Mindsets are, what they are not and how effective use of them can support and enhance learning and teaching. It takes a focused look at whether a more general approach to mindsets for all learning in the classroom is more effective than a subject specific approach and explores who Mindsets can work for. It includes a chapter on Mindsets and SEN and also looks at wider issues of self-esteem, mental health and wellbeing. It offers clear guidance backed up by research and avoids quick fixes or suggestions with little evidence base. The text will appeal to teachers as a pragmatic and trusted guide to a well-known strategy proven to enhance learning.

Handbook of Teaching for Physical Therapists Katherine F. Shepard 2011-12-06 This is a Pageburst digital textbook; * Written by leading educators in the field * Covers lecturing, laboratory instruction, working with patients and families, delivering in-service to colleagues, and more * Clearly presented material on theory and application * Real-life, practical examples

Pediatric First Aid, CPR, and AED National Safety Council 2005 The Pediatric First Aid, CPR & AED manual is 153 pages and full-color. It covers the material included in a 6 to 7.5-hour course. This book is for anyone who takes care of children, including parents, daycare and other childcare workers, teachers and others. The focus is on preventing childhood injury where possible, how to recognize and act in a pediatric emergency and sustain life until professional help can arrive. Along with basic first aid components such as bleeding control and shock, the book covers child abuse and common childhood illnesses.

Fundamentals of 5G Mobile Networks Jonathan Rodriguez 2015-06-22 Fundamentals of 5G Mobile Networks provides an overview of the key features of the 5th Generation (5G) mobile networks, discussing the motivation for 5G and the main challenges in developing this new technology. This book provides an insight into the key areas of research that will define this new system technology paving the path towards future research and development. The book is multi-disciplinary in nature, and aims to cover a whole host of intertwined subjects that will predominantly influence the 5G landscape, including Future Internet, cloud computing, small cells and self-organizing networks (SONs), cooperative communications, dynamic spectrum management and cognitive radio, Broadcast-Broadband convergence, 5G security challenge, and green RF. The book aims to be the first of its kind towards painting a holistic perspective on 5G Mobile, allowing 5G stakeholders to capture key technology trends on different layering domains and to identify potential inter-disciplinary design aspects that need to be solved in order to deliver a 5G Mobile system that operates seamlessly as a piece of the 5G networking jigsaw. Key features: • Addresses the fundamentals of 5G mobile networks serving as a useful study guide for mobile researchers and system engineers aiming to position their research in this fast evolving arena. • Develops the Small cells story together with next�¿½generation SON (self-organizing networks) systems as solutions for addressing the unprecedented traffic demand and variations across cells. • Elaborates Mobile Cloud technology and Services for future communication platforms, acting as a source of inspiration for corporations looking for new business models to harness the 5G wave. • Discusses the open issues facing broad�¿½scale commercial deployment of white space networks, including the potential for applications towards the future 5G standard. • Provides a scientific assessment for broadcast and mobile broadband convergence coupled together with a 'win-win' convergence solution to harmonize the broadcasting and mobile industry. • Describes the key components, trends and challenges, as well as the system requirements for 5G transceivers to support multi�¿½standard radio, a source of inspiration for RF engineers and vendors to tie down the requirements and potential solutions for next generation handsets.

Recommender Systems Charu C. Aggarwal 2016-03-28 This book comprehensively covers the topic of recommender systems, which provide personalized recommendations of products or services to users based on their previous searches or purchases. Recommender system methods have been adapted to diverse applications including query log mining, social networking, news recommendations, and computational advertising. This book synthesizes both fundamental and advanced topics of a research area that has now reached maturity. The chapters of this book are organized into three categories: Algorithms and evaluation: These chapters discuss the fundamental algorithms in recommender systems, including collaborative filtering methods, content-based methods, knowledge-based methods, ensemble-based methods, and evaluation. Recommendations in specific domains and contexts: the context of a recommendation can be viewed as important side information that affects the recommendation goals. Different types of context such as temporal data, spatial data, social data, tagging data, and trustworthiness are explored. Advanced topics and applications: Various robustness aspects of recommender systems, such as shilling systems, attack models, and their defenses are discussed. In addition, recent topics, such as learning to rank, multi-armed bandits, group systems, multi-criteria systems, and active learning systems, are introduced together with applications. Although this book primarily serves as a textbook, it will also appeal to industrial practitioners and researchers due to its focus on applications and references. Numerous examples and exercises have been provided, and a solution manual is available for instructors.

Introduction to Embedded Systems, Second Edition Edward Ashford Lee 2017-01-06 An introduction to the engineering principles of embedded systems, with a focus on modeling, design, and analysis of cyber-physical systems. The most visible use of computers and software is processing information for human consumption. The vast majority of computers in use, however, are much less visible. They run the engine, brakes, seatbelts, airbag, and audio system in your car. They digitally encode your voice and construct a radio signal to send it from your cell phone to a base station. They command robots on a factory floor, power generation in a power plant, processes in a chemical plant, and traffic lights in a city. These less visible computers are called embedded systems, and the

software they run is called embedded software. The principal challenges in designing and analyzing embedded systems stem from their interaction with physical processes. This book takes a cyber-physical approach to embedded systems, introducing the engineering concepts underlying embedded systems as a technology and as a subject of study. The focus is on modeling, design, and analysis of cyber-physical systems, which integrate computation, networking, and physical processes. The second edition offers two new chapters, several new exercises, and other improvements. The book can be used as a textbook at the advanced undergraduate or introductory graduate level and as a professional reference for practicing engineers and computer scientists. Readers should have some familiarity with machine structures, computer programming, basic discrete mathematics and algorithms, and signals and systems.

Sams Teach Yourself HTML, CSS, and JavaScript All in One Julie C. Meloni 2011-11-21 Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Measuring the Benefits of Energy Access Douglas F. Barnes 2018-12-10 Impact evaluation has gained recognition over the last decade as an essential component of project development. Impact evaluation details how and to what extent policies and project interventions contribute to socioeconomic welfare gains or losses for society. Such evaluations are also important for identifying key lessons for future policies and investments. In the case of modern energy access, the measurement of costs is fairly straightforward. However, measuring the benefits to society is more difficult and might involve implementing national or regional surveys. Past efforts have often underestimated the complex linkages of benefits produced by programs involved in providing electricity and clean cooking energy to rural and other populations without access to modern energy services. Thus, it has often been difficult to balance the costs of program investments in energy access vis-？ -vis their benefits. This study's main objective is to develop a practical method by which to measure the benefits of rural energy, including both electricity and clean cooking. The methods reviewed in this report involve both formal and informal techniques of data collection, including quantitative and qualitative methods of analysis. The research pays attention to such concepts as quality of life, effects on education, and other key components of social development; that is, it tackles those benefits of modern energy access that traditionally have been difficult to measure, as well as the easier-to-measure benefits.

About Face Alan Cooper 2014-09-02 The essential interaction design guide, fully revised and updated for the mobile age About Face: The Essentials of Interaction Design, Fourth Edition is the latest update to the book that shaped and evolved the landscape of interaction design. This comprehensive guide takes the worldwide shift to smartphones and tablets into account. New information includes discussions on mobile apps, touch interfaces, screen size considerations, and more. The new full-color interior and unique layout better illustrate modern design concepts. The interaction design profession is blooming with the success of design-intensive companies, priming customers to expect "design" as a critical ingredient of marketplace success. Consumers have little tolerance for websites, apps, and devices that don't live up to their expectations, and the responding shift in business philosophy has become widespread. About Face is the book that brought interaction design out of the research labs and into the everyday lexicon, and the updated Fourth Edition continues to lead the way with ideas and methods relevant to today's design practitioners and developers. Updated information includes: Contemporary interface, interaction, and product design methods Design for mobile platforms and consumer electronics State-of-the-art interface recommendations and up-to-date examples Updated Goal-Directed Design methodology Designers and developers

looking to remain relevant through the current shift in consumer technology habits will find About Face to be a comprehensive, essential resource.

Game Theory Steven Tadelis 2013-01-10 The definitive introduction to game theory This comprehensive textbook introduces readers to the principal ideas and applications of game theory, in a style that combines rigor with accessibility. Steven Tadelis begins with a concise description of rational decision making, and goes on to discuss strategic and extensive form games with complete information, Bayesian games, and extensive form games with imperfect information. He covers a host of topics, including multistage and repeated games, bargaining theory, auctions, rent-seeking games, mechanism design, signaling games, reputation building, and information transmission games. Unlike other books on game theory, this one begins with the idea of rationality and explores its implications for multiperson decision problems through concepts like dominated strategies and rationalizability. Only then does it present the subject of Nash equilibrium and its derivatives. Game Theory is the ideal textbook for advanced undergraduate and beginning graduate students. Throughout, concepts and methods are explained using real-world examples backed by precise analytic material. The book features many important applications to economics and political science, as well as numerous exercises that focus on how to formalize informal situations and then analyze them. Introduces the core ideas and applications of game theory Covers static and dynamic games, with complete and incomplete information Features a variety of examples, applications, and exercises Topics include repeated games, bargaining, auctions, signaling, reputation, and information transmission Ideal for advanced undergraduate and beginning graduate students Complete solutions available to teachers and selected solutions available to students

Probability & Statistics for Engineers & Scientists Ronald E. Walpole 2016-03-09 NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value-this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. For junior/senior undergraduates taking probability and statistics as applied to engineering, science, or computer science. This classic text provides a rigorous introduction to basic probability theory and statistical inference, with a unique balance between theory and methodology. Interesting, relevant applications use real data from actual studies, showing how the concepts and methods can be used to solve problems in the field. This revision focuses on improved clarity and deeper understanding. This latest edition is also available in as an enhanced Pearson eText. This exciting new version features an embedded version of StatCrunch, allowing students to analyze data sets while reading the book. Also available with MyStatLab MyStatLab(tm) is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them absorb course material and understand difficult concepts. Note: You are purchasing a standalone product; MyLab(tm) & Mastering(tm) does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

Penetration Testing Georgia Weidman 2014-06-14 Penetration testers simulate cyber attacks to find security weaknesses in networks, operating systems, and applications. Information security experts worldwide use penetration techniques to evaluate enterprise defenses. In Penetration Testing, security expert, researcher, and trainer Georgia Weidman introduces you to the core skills and techniques that every pentester needs. Using a virtual machine–based lab that includes Kali Linux and vulnerable operating systems, you'll run through a series of practical lessons with tools like Wireshark, Nmap, and Burp Suite. As you follow along with the labs and launch attacks, you'll experience the key stages of an actual assessment—including information gathering, finding exploitable vulnerabilities, gaining access to systems, post exploitation, and more. Learn how to: –Crack passwords and wireless network keys with brute-forcing and wordlists –Test web applications for vulnerabilities –Use the Metasploit Framework to launch exploits and write your own Metasploit modules –Automate social-engineering attacks –Bypass antivirus software –Turn access to one machine into total control of the enterprise in the post exploitation phase You'll even explore writing your own exploits. Then it's on to mobile hacking—Weidman's particular area of research—with her tool, the Smartphone Pentest Framework. With its

collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs.

Reference Manual To Mitigate Potential Terrorist Attacks Against Buildings Department of Homeland Security. Federal Emergency Management Agency 2003

Bayesian Networks Olivier Pourret 2008-04-30 Bayesian Networks, the result of the convergence of artificial intelligence with statistics, are growing in popularity. Their versatility and modelling power is now employed across a variety of fields for the purposes of analysis, simulation, prediction and diagnosis. This book provides a general introduction to Bayesian networks, defining and illustrating the basic concepts with pedagogical examples and twenty real-life case studies drawn from a range of fields including medicine, computing, natural sciences and engineering. Designed to help analysts, engineers, scientists and professionals taking part in complex decision processes to successfully implement Bayesian networks, this book equips readers with proven methods to generate, calibrate, evaluate and validate Bayesian networks. The book: Provides the tools to overcome common practical challenges such as the treatment of missing input data, interaction with experts and decision makers, determination of the optimal granularity and size of the model. Highlights the strengths of Bayesian networks whilst also presenting a discussion of their limitations. Compares Bayesian networks with other modelling techniques such as neural networks, fuzzy logic and fault trees. Describes, for ease of comparison, the main features of the major Bayesian network software packages: Netica, Hugin, Elvira and Discoverer, from the point of view of the user. Offers a historical perspective on the subject and analyses future directions for research. Written by leading experts with practical experience of applying Bayesian networks in finance, banking, medicine, robotics, civil engineering, geology, geography, genetics, forensic science, ecology, and industry, the book has much to offer both practitioners and researchers involved in statistical analysis or modelling in any of these fields.

Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation 2015 The Rapid Visual Screening (RVS) handbook can be used by trained personnel to identify, inventory, and screen buildings that are potentially seismically vulnerable. The RVS procedure comprises a method and several forms that help users to quickly identify, inventory, and score buildings according to their risk of collapse if hit by major earthquakes. The RVS handbook describes how to identify the structural type and key weakness characteristics, how to complete the screening forms, and how to manage a successful RVS program.

Teaching English as a Foreign Language Carola Surkamp 2018-03-24 Diese Einf⬚hrung in englischer Sprache pr⬚sentiert in 14 Kapiteln die grundlegenden Themen und Gegenstandsbereiche der Englischdidaktik. Gleicherma⬚en praxisnah wie theoretisch fundiert, behandelt der Band zentrale Prinzipien und Kompetenzbereiche eines modernen Fremdsprachenunterrichts. Ausgehend von den zentralen Akteur/innen (Lehrende und Lernende) und mit Blick auf die Teilbereiche der Sprach-, Literatur- und Kulturdidaktik werden zudem Vorschl⬚ge f⬚r den Einsatz unterschiedlicher Materialien und Medien diskutiert. Weitere Kapitel widmen sich den institutionellen Organisationsstrukturen und dem Bereich Assessment/Diagnose. Der Band erscheint in zweifarbiger Gestaltung, mit Definitionen und Beispielen sowie mit zahlreichen Abbildungen. This comprehensive introduction presents the fundamental topics and issues of TEFL (Teaching English as a Foreign Language) in 14 chapters. Integrating both profound theoretical and creative practical considerations, the central principles and competence domains of modern foreign language teaching are discussed. Starting with the main classroom agents (teachers and learners), the chapters outline a variety of content areas (language, literature, cultural issues) and thoroughly review materials, media and methods. Additional chapters are concerned with the historical development of English language teaching, its current institutional organisation as well as assessment and evaluation.

Evaluation of the New York City Police Department Firearm Training and Firearm-discharge Review Process Bernard Rostker 2008 In January 2007, New York City Police Commissioner Raymond Kelly asked the RAND Corporation to assess whether his department was doing everything it could to minimize the unnecessary discharge of firearms. In particular, he asked RAND to examine the quality and completeness of the New York City Police Department firearm-training program and identify potential improvements in the design and delivery of the curriculum, the technology used, the frequency and duration of training sessions, the tactics and procedures on which the training is based, and the Department's firearm-discharge-review process. This monograph reports the observations, findings, and recommendations of that study.

Structure and Improvisation in Creative Teaching R. Keith Sawyer 2011-06-27 With an increasing emphasis on creativity and innovation in the twenty-first century, teachers need to be creative professionals just as students must learn to be creative. And yet, schools are institutions with many important structures and guidelines that teachers must follow. Effective creative teaching strikes a delicate balance between structure and improvisation. The authors draw on studies of jazz, theater improvisation and dance improvisation to demonstrate that the most creative performers work within similar structures and guidelines. By looking to these creative genres, the book provides practical advice for teachers who wish to become more creative professionals.

Assessment and Teaching of 21st Century Skills Esther Care 2017-11-07 This book provides a detailed description of research and application outcomes from the Assessment and Teaching of 21st Century Skills project, which explored a framework for understanding the nature of these skills. The major element of this new volume is the presentation of research information from the global assessment of two 21st century skills that are amenable to teaching and learning: collaborative problem solving, and learning in digital networks. The outcomes presented include evidence to support the validity of assessment of 21st century skills and descriptions of consequent pedagogical approaches which can be used both to teach the skills and to use them to enhance key learning goals in secondary education systems. The sections of the volume are connected through a focus on the degree to which innovative assessment tasks measure the constructs of interest. This focus is informed by conceptual and methodological issues associated with affordances of 21st century computer-based assessment. How understanding of the nature of the skills, as derived from these assessments, can guide approaches to the integration of 21st century skills in the classroom, is informed by initiatives adopted by participating countries. The guiding questions in this volume are: "Do the assessment tasks measure the constructs?" and "What are the implications for assessment and teaching in the classroom?" It is the third volume of papers from this project published by Springer.

Ubiquitous Computing Fundamentals John Krumm 2018-10-08 "...a must-read text that provides a historical lens to see how ubicomp has matured into a multidisciplinary endeavor. It will be an essential reference to researchers and those who want to learn more about this evolving field." -From the Foreword, Professor Gregory D. Abowd, Georgia Institute of Technology First introduced two decades ago, the term ubiquitous computing is now part of the common vernacular. Ubicomp, as it is commonly called, has grown not just quickly but broadly so as to encompass a wealth of concepts and technology that serves any number of purposes across all of human endeavor. While such growth is positive, the newest generation of ubicomp practitioners and researchers, isolated to specific tasks, are in danger of losing their sense of history and the broader perspective that has been so essential to the field's creativity and brilliance. Under the guidance of John Krumm, an original ubicomp pioneer, Ubiquitous Computing Fundamentals brings together eleven ubiquitous computing trailblazers who each report on his or her area of expertise. Starting with a historical introduction, the book moves on to summarize a number of self-contained topics. Taking a decidedly human perspective, the book includes discussion on how to observe people in their natural environments and evaluate the critical points where ubiquitous computing technologies can improve their lives. Among a range of topics this book examines: How to build an infrastructure that supports ubiquitous computing applications Privacy protection in systems that connect personal devices and personal information Moving from the graphical to the ubiquitous computing user interface Techniques that are revolutionizing the way we determine a person's location and understand other sensor measurements While we needn't become expert in every sub-discipline of ubicomp, it is necessary that we appreciate all the perspectives that make up the field and understand how our work can influence and be influenced by those perspectives. This is important, if we are to encourage future generations to be as successfully innovative as the field's originators.

Simulation with Arena W. David Kelton 2004 The first edition of this book was the first text to be written on the Arena software, which is a very popular simulation modeling software. What makes this text the authoritative source on Arena is that it was written by the creators of Arena themselves. The new third edition follows in the tradition of the successful first and second editions in its tutorial style (via a sequence of carefully crafted examples) and an accessible writing style. The updates include thorough coverage of the new version of the Arena software (Arena 7.01), enhanced support for Excel and Access, and updated examples to reflect the new version of software. The CD-ROM that accompanies the book contains the Academic version of the Arena software. The software features new capabilities such as model documentation, enhanced plots, file reading and writing, printing and animation symbols.

Re:Imagining Change Patrick Reinsborough 2017-10-01 Re:Imagining Change provides resources, theory, hands-on tools, and illuminating case studies for the next generation of innovative change-makers. This unique book explores how culture, media, memes, and narrative intertwine with social change strategies, and offers practical methods to amplify progressive causes in the popular culture. Re:Imagining Change is an inspirational inside look at the trailblazing methodology developed by the Center for Story-based Strategy over fifteen years of their movement building partnerships. This practitioner's guide is an impassioned call to innovate our strategies for confronting the escalating social and ecological crises of the twenty-first century. This new, expanded second edition includes updated examples from the frontlines of social movements and provides the reader with easy-to-use tools to change the stories they care about most.

Taylor's Handbook of Clinical Nursing Skills Pamela Lynn 2010-11-01 Taylor's Handbook of Clinical Nursing Skills is a step-by-step guide to basic and advanced nursing skills. This book will be a quick reference tool for review of cognitive and technical knowledge and will assist students and practicing nurses to provide safe and effective healthcare. It is an ideal companion to any nursing skills or nursing fundamentals text, including Lynn, Taylor's Clinical Nursing Skills and Taylor, Fundamentals of Nursing: The Art and Science of Nursing Care.

Understanding Medical Education Tim Swanwick 2019-01-04 Created in partnership with the Association for the Study of Medical Education (ASME), this completely revised and updated new edition of Understanding Medical Education synthesizes the latest knowledge, evidence and best practice across the continuum of medical education. Written and edited by an international team, this latest edition continues to cover a wide range of subject matter within five broad areas – Foundations, Teaching and Learning, Assessment and Selection, Research and Evaluation, and Faculty and Learners – as well as featuring a wealth of new material, including new chapters on the science of learning, knowledge synthesis, and learner support and well-being. The third edition of Understanding Medical Education: Provides a comprehensive and authoritative resource summarizing the theoretical and academic bases to modern medical education practice Meets the needs of all newcomers to medical education whether undergraduate or postgraduate, including those studying at certificate, diploma or masters level Offers a global perspective on medical education from leading experts from across the world Providing practical guidance and exploring medical education in all its diversity, Understanding Medical Education continues to be an essential resource for both established educators and all those new to the field.

Using Trends and Scenarios as Tools for Strategy Development Ulf Pillkahn 2008-09-26 Is my enterprise really prepared for future business? What can I do to become more competitive? Ulf Pillkahn's book is directed at all of those seeking answers to these questions: executives in strategic positions, business analysts, consultants, trend scouts, marketing and product managers and research engineers. The book presents the two most powerful tools for future planning: environmental analysis, based on the use of trends, as well as the development of visions of the future through the use of scenarios. While scenarios are generally regarded as a classical management tool, it is expected that the importance of trends will gain tremendously in the coming years. Pillkahn demonstrates how to build robust strategies by aligning the results of environmental and enterprise scenarios, thereby offering entirely new insights. "Using Trends and Scenarios as Tools for Strategy Development" convincingly illustrates why efficient observation of the environment of an enterprise is an absolutely essential factor for strategy development, and why strategy development only works if it is institutionalized as a permanent enterprise process. It also addresses the issue of what information is needed to keep both processes running. The book further describes how trends can be categorized, and offers advice on how to glean the essential information from the vast variety of trends. Information is provided on how scenarios are used as a holistic instrument for creating visions and pictures of the future, and how the results of trend research and scenario techniques find their way into entrepreneurial strategy development. An optimized strategy development process is also outlined. Practical examples and real-life pictures of the future round off Pillkahn's insightful discussion of future business planning.

Oracle Fusion Applications Development and Extensibility Handbook Vladimir Ajvaz 2014-01-03 Master Oracle Fusion Applications Design and Personalization Deliver highly adaptable business applications that bolster productivity and drive informed decision-making. Oracle Fusion Applications Development and Extensibility Handbook contains best practices, real-world case studies, and technical deep dives. Discover how to manage design- and run-time customizations, extend existing UIs and build new ones, secure your applications, and integrate with other systems. This Oracle Press guide offers complete coverage of the latest cloud and SOA-based features. Explore Oracle Fusion Applications components and architecture Plan, develop, debug, and deploy

customizations Extend out-of-the-box functionality with Oracle JDeveloper Modify web applications using Oracle Composer Incorporate Oracle SOA Suite 11g composites Validate code through sandboxes and test environments Secure data using authorization, authentication, and encryption Design and distribute personalized BI reports Automate jobs with Oracle Enterprise Scheduler Change appearance and branding of your applications with the Oracle ADF Skin Editor Extend and customize CRM with Application Composer