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A First Course in Partial Differential Equations H. F. Weinberger

2012-04-20 Suitable for advanced undergraduate and graduate students, this text presents the general properties of partial differential equations, including the elementary theory of complex variables. Solutions. 1965 edition.

American Accent Training Ann Cook 2000 Directed to speakers of English as a second language, a multi-media guide to pronouncing American English uses a "pure-sound" approach to speaking to help imitate the fluid ways of American speech.

Polymeric Materials Marta Fernández-García 2019-05-28 This book collects the articles published in the Special Issue "Polymeric Materials: Surfaces, Interfaces and Bioapplications". It shows the advances in polymeric materials, which have tremendous applications in agricultural films, food packaging, dental restoration, antimicrobial systems, and tissue engineering. These polymeric materials are presented as films, coatings, particles, fibers, hydrogels, or networks. The potential to modify and modulate their surfaces or their content by different techniques, such as click chemistry, ozonation, breath figures, wrinkle formation, or electro spray, are also explained, taking into account the relationship between the structure and properties in the final application. Moreover, new trends in the development of such materials are presented, using more environmental friendly and safe methods, which, at the same time, have a high impact on our society.

Contract Audit Manual United States. Defense Contract Audit Agency 2000

Manual on Compliance with and Enforcement of Multilateral Environmental Agreements Carl Bruch 2006 This Manual expands upon Guidelines on Compliance with and Enforcement of Multilateral Environmental Agreements (MEAs). Many States participated in the development and negotiation of the Guidelines, which were adopted by the UNEP Governing Council in 2002. While this Manual is not a negotiated document, it also is the result of a collaborative process involving a wide range of numerous individuals around the world. These people assisted in drafting case studies and other contributions, reviewing the text, and suggesting substantive and formatting changes.

Learning to Teach in Higher Education Paul Ramsden 2003-09-02 This bestselling book is a unique introduction to the practice of university teaching and its underlying theory. This new edition has been fully revised and updated in view of the extensive changes which have taken place in higher education over the last decade and includes new material on the higher education context, evaluation and staff development. The first part of the book provides an outline of the experience of teaching and learning from the student's point of view, out of which grows a set of principles for effective teaching in higher education. Part two shows how these ideas can enhance educational standards, looking in particular at four key areas facing every teacher in higher education: * Organising the content of undergraduate courses * Selecting teaching methods * Assessing student learning * Evaluating the effectiveness of teaching. Case studies of exemplary teaching are used throughout to connect ideas to practice and to illustrate how to ensure better student learning. The final part of the book looks in more detail at appraisal, performance indicators, accountability and educational development and training. The book is essential reading for new and experienced lecturers, particularly those following formal programmes in university teaching, such as courses leading to ILT accreditation.

CEH Certified Ethical Hacker Study Guide Kimberly Graves 2010-06-03 Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Handbook of Human Resources Management Matthias Zeuch 2016-05-09

Human Resources topics are gaining more and more strategic importance in modern business management. Only those companies that find the right answers to the following questions have a sustainable basis for their future success: - How can we attract and select the right talent for our teams? - How can we develop the skills and behaviors which are key for our business? - How can we engage and retain the talent we need for our future? While most other management disciplines have their standards and procedures, Human Resources still lacks a broadly accepted basis for its work. - operational perspective Both the structured collection of reflected real-life experience and the multi-perspective view support readers in making informed and well-balanced decisions. With this handbook, Springer provides a landmark reference work on today's HR management, based on the combined experience of more than 50 globally selected HR leaders and HR experts. Rather than theoretical discussions about definitions, the handbook focuses on sharing practical experience and lessons learned from the most relevant business perspectives: - cultural / emotional perspective - economic perspective - risk perspective

Biochemistry Christopher K. Mathews 2000 The authors present the discipline of biochemistry from both a biochemist's and biological perspective in this third edition of Biochemistry. A Web site and supplementary CD-ROM provide additional material for instructors and students.

Microsoft Power Bi Cookbook Brett Powell 2017-09-27 Get more out of Microsoft Power BI turning your data into actionable insights About This Book* From connecting to your data sources to developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all* Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications* Proven development techniques and guidance for implementing custom solutions with DAX and M languages Who This Book Is For This book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at quick solutions to common problems while using Power BI will also find this book to be a very useful resource. Some experience with Power BI will be useful. What You Will Learn* Cleanse, stage, and integrate your data sources with Power BI* Abstract data complexities and provide users with intuitive, self-service BI capabilities* Build business logic and analysis into your solutions via the DAX programming language and dynamic, dashboard-ready calculations* Take advantage of the analytics and predictive capabilities of Power BI* Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security* Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes* Integrate other Microsoft data tools such as Excel and SQL Server

Reporting Services into your Power BI solution In Detail Microsoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data. This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence. This book will excite and empower you to get more out of Power BI via detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects. Style and approach This book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-live examples.

Pharmacy Workforce Support Personnel Shane P. Desselle 2020-12-10 This book provides research and commentary on pharmacy technicians. It demonstrates how the re-design of pharmacy workflow to incorporate more responsibilities for technicians will free up pharmacist time to provide direct patient care. It also highlights that doing so can be accomplished without compromising—and often even improving upon—patient safety. The book also sheds light on employer needs and on new paradigms in pharmacy technician certification, education, and training. However, it also demonstrates the need for improvements in this area, as well as improvements in pharmacy technician quality of work life, advancement opportunities, and wages. Taken together, the papers in this book demonstrate how the results of recent studies help pave the road for the continued evolution of pharmacy care and the optimal deployment of pharmacy workforce personnel.

Sharepoint 2010 Barcharts, Inc. 2011-05-31 SharePoint 2010 is among the many cutting-edge applications to be found within Microsoft's Office Suite software—our newest 3-panel guide will help you get the most out of this handy tool. The fluff-free content includes important definitions, tips, and step-by-step instructions on how to perform each key function within SharePoint; full-color screen shots are also provided for ease of use.

Future Skills Ulf-Daniel Ehlers 2020 *The State of the Global Education Crisis* UNESCO 2021-12-09 "The global disruption to education caused by the COVID-19 pandemic is without parallel and the effects on learning are severe. The crisis brought education systems across the world to a halt, with school closures affecting more than 1.6 billion learners. While nearly every country in the world offered remote learning opportunities for students, the quality and reach of such initiatives varied greatly and were at best partial substitutes for in-person learning. Now, 21 months later, schools remain closed for

millions of children and youth, and millions more are at risk of never returning to education. Evidence of the detrimental impacts of school closures on children's learning offer a harrowing reality: learning losses are substantial, with the most marginalized children and youth often disproportionately affected. Countries have an opportunity to accelerate learning recovery and make schools more efficient, equitable, and resilient by building on investments made and lessons learned during the crisis. Now is the time to shift from crisis to recovery - and beyond recovery, to resilient and transformative education systems that truly deliver learning and well-being for all children and youth."--The World Bank website.

The Differentiated Classroom Carol Ann Tomlinson 2014-05-25 Although much has changed in schools in recent years, the power of differentiated instruction remains the same—and the need for it has only increased.

Today's classroom is more diverse, more inclusive, and more plugged into technology than ever before. And it's led by teachers under enormous pressure to help decidedly unstandardized students meet an expanding set of rigorous, standardized learning targets. In this updated second edition of her best-selling classic work, Carol Ann Tomlinson offers these teachers a powerful and practical way to meet a challenge that is both very modern and completely timeless: how to divide their time, resources, and efforts to effectively instruct so many students of various backgrounds, readiness and skill levels, and interests. With a perspective informed by advances in research and deepened by more than 15 years of implementation feedback in all types of schools, Tomlinson explains the theoretical basis of differentiated instruction, explores the variables of curriculum and learning environment, shares dozens of instructional strategies, and then goes inside elementary and secondary classrooms in nearly all subject areas to illustrate how real teachers are applying differentiation principles and strategies to respond to the needs of all learners. This book's insightful guidance on what to differentiate, how to differentiate, and why lays the groundwork for bringing differentiated instruction into your own classroom or refining the work you already do to help each of your wonderfully unique learners move toward greater knowledge, more advanced skills, and expanded understanding. Today more than ever, *The Differentiated Classroom* is a must-have staple for every teacher's shelf and every school's professional development collection.

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.

Artificial Intelligence in Medical Imaging Erik R. Ranschaert 2019-01-29

This book provides a thorough overview of the ongoing evolution in the application of artificial intelligence (AI) within healthcare and radiology, enabling readers to gain a deeper insight into the technological background of AI and the impacts of new and emerging technologies on medical imaging. After an introduction on game changers in radiology, such as deep learning technology, the technological evolution of AI in computing science and medical image computing is described, with explanation of basic principles and the types and subtypes of AI. Subsequent sections address the use of imaging biomarkers, the development and validation of AI applications, and various aspects and issues relating to the growing role of big data in radiology. Diverse real-life clinical applications of AI are then outlined for different body parts, demonstrating their ability to add value to daily radiology practices. The concluding section focuses on the impact of AI on radiology and the implications for radiologists, for example with respect to training. Written by radiologists and IT professionals, the book will be of high value for radiologists, medical/clinical physicists, IT specialists, and imaging informatics professionals.

Mapping research and innovation in Lao People's Democratic Republic

Lemarchand, Guillermo A. 2018-05-21

Robotic Process Automation with Blue Prism Quick Start Guide Lim Mei

Ying 2018-11-30 Learn how to design and develop robotic process automation solutions with Blue Prism to perform important tasks that enable value creation in your work Key Features Develop robots with Blue Prism Automate your work processes with Blue Prism Learn basic skills required to train a robot for process automation Book Description Robotic process automation is a form of business process automation where user-configured robots can emulate the actions of users. Blue Prism is a pioneer of robotic process automation software, and this book gives you a solid foundation to programming robots with Blue Prism. If you've been tasked with automating work processes, but don't know where to start, this is the book for you! You begin with the business case for robotic process automation, and then move to implementation techniques with the leading software for enterprise automation, Blue Prism. You will become familiar with the Blue Prism Studio by creating your first process. You will build upon this by adding pages, data items, blocks, collections, and loops. You will build more complex processes by learning about actions, decisions, choices, and calculations. You will move on to teach your robot to interact with applications such as Internet Explorer. This can be used for spying elements that identify what your robot needs to interact with on the screen. You will build the logic behind a business objects by using read, write, and wait stages. You will then enable your robot to read and write to Excel and CSV files. This will finally lead you to train your robot to read and send emails in Outlook. You will learn about the Control Room, where you will

practice adding items to a queue, processing the items and updating the work status. Towards the end of this book you will also teach your robot to handle errors and deal with exceptions. The book concludes with tips and coding best practices for Blue Prism. What you will learn Learn why and when to introduce robotic automation into your business processes Work with Blue Prism Studio Create automation processes in Blue Prism Make use of decisions and choices in your robots Use UI Automation mode, HTML mode, Region mode, and spying Learn how to raise exceptions Get the robot to deal with errors Learn Blue Prism coding best practices Who this book is for The book is aimed at end users such as citizen developers who create business processes, but may not have the basic programming skills required to train a robot. No experience of Blue Prism is required.

Transforming Learning with Meaningful Technologies Maren Scheffel

2019-09-09 This book constitutes the proceedings of the 14th European Conference on Technology Enhanced Learning, EC-TEL 2019, held in Delft, The Netherlands, in September 2019. The 41 research papers and 50 demo and poster papers presented in this volume were carefully reviewed and selected from 149 submissions. The contributions reflect the debate around the role of and challenges for cutting-edge 21st century meaningful technologies and advances such as artificial intelligence and robots, augmented reality and ubiquitous computing technologies and at the same time connecting them to different pedagogical approaches, types of learning settings, and application domains that can benefit from such technologies.

The world universities' response to COVID-19: remote online language

teaching Nebojša Radi 2021-05-24 This collection of case studies is special for several reasons. Firstly, because of the geographical and institutional diversity of the authors, bringing together experiences of teaching under COVID-19 restrictions in the university language classroom from 18 countries and five continents. Secondly, the publication is interesting because of the variety of case studies that testify to different strategies and emphases in dealing with pandemic-related challenges. Finally, the case studies collected strikingly demonstrate the creative responses of language teachers in a variety of contexts to meet the challenges of the pandemic crisis (Dr Sabina Schaffner).

Higher Education in Innovation Ecosystems Yuzhuo Cai 2020-10-08

Higher education has been considered both an 'engine' for innovation and a 'catalyst' for sustainability development; the integration of both the innovation engine and sustainability catalyst roles are discussed in a recently published Special Issue on the theme of Higher Education in Innovation Ecosystems in the journal Sustainability. Based on 16 articles contributing to the Special Issue from various perspectives, the Special Issue editors have developed an overarching framework about the relationships between higher education and innovation ecosystems. In the framework, we re-define the concept of innovation ecosystem and identify emerging roles of universities in developing sustainable innovation

ecosystems. Re-conceptualization of innovation ecosystems In the editorial of the Special Issue, innovation ecosystem is defined as: co-innovation networks in which actors from organizations concerned with the functions of knowledge production, wealth creation, and norm control interact with each other in forming co-evolution and interdependent relations (both direct or indirect) in cross-geographical contexts and through which new ideas and approaches from various internal and external sources are integrated into a platform to generate shared values for the sustainable transformation of society. Compared with most commonly cited definitions of innovation ecosystem, our definition highlights three new aspects of interactions in co-innovation networks: cross-sectoral, transnational, and indirect, drawing insights from the literature including innovation, geography, and biology studies. The roles of universities in innovation ecosystems The emerging roles of universities in innovation ecosystems are as follows: (1) The role of universities is changing from being a central player in technology transfer to being an anchor in knowledge exchange; (2) universities are assuming a new role in trust-building between actors in innovation ecosystems; and (3) universities are not merely an entrepreneurial universities but are also institutional entrepreneur in the innovation ecosystem. The three emerging roles all indicate that universities are becoming the catalysts for sustainable development in innovation ecosystems. Knowledge exchange is crucial for sustainability; trust is the foundation of the sustainable networks; social entrepreneurship is indispensable for sustainable social change. Evidence in wider contexts A total of 44 authors from 10 countries contributed to the discussions on the changing roles of higher education in innovation ecosystems from varying perspectives. They also report transformations within higher education and universities' responses to both external and internal transformations. When addressing these issues, the studies provide both theoretical and methodological contributions to the research on higher education in innovation ecosystems. The 16 articles can be generally placed into four categories: (1) new demands for universities arising from the transformation in society toward innovation ecosystems, (2) transformations within higher education responding to emerging societal demands, (3) dynamics of the interaction of university with other innovation actors in a transnational context, and (4) academic and student mobility for higher education innovation. Calling for a new research agenda While societal changes demand broader roles of universities, they also call for and leads to substantial changes within the internal fabric of the university. The innovations in both society and the universities necessitate a renewed understanding of higher education in society, which has become a new research agenda in studies on innovation in higher education. We hope our Special Issue will inspire and encourage more scholars to join the research field.

Microsoft Power BI Cookbook Brett Powell 2017-09-27 Get more out of Microsoft Power BI turning your data into actionable insights About This

Book From connecting to your data sources to developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications Proven development techniques and guidance for implementing custom solutions with DAX and M languages Who This Book Is For This book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at quick solutions to common problems while using Power BI will also find this book to be a very useful resource .Some experience with Power BI will be useful. What You Will Learn Cleanse, stage, and integrate your data sources with Power BI Abstract data complexities and provide users with intuitive, self-service BI capabilities Build business logic and analysis into your solutions via the DAX programming language and dynamic, dashboard-ready calculations Take advantage of the analytics and predictive capabilities of Power BI Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes Integrate other Microsoft data tools such as Excel and SQL Server Reporting Services into your Power BI solution In Detail Microsoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data. This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence. This book will excite and empower you to get more out of Power BI via detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects. Style and approach This book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-live examples.

Exploring the Intersection of Science Education and 21st Century Skills

National Research Council 2010-02-26 An emerging body of research suggests that a set of broad "21st century skills"-such as adaptability, complex communication skills, and the ability to solve non-routine problems-are valuable across a wide range of jobs in the national economy. However, the role of K-12 education in helping students learn

these skills is a subject of current debate. Some business and education groups have advocated infusing 21st century skills into the school curriculum, and several states have launched such efforts. Other observers argue that focusing on skills detracts attention from learning of important content knowledge. To explore these issues, the National Research Council conducted a workshop, summarized in this volume, on science education as a context for development of 21st century skills. Science is seen as a promising context because it is not only a body of accepted knowledge, but also involves processes that lead to this knowledge. Engaging students in scientific processes-including talk and argument, modeling and representation, and learning from investigations-builds science proficiency. At the same time, this engagement may develop 21st century skills. Exploring the Intersection of Science Education and 21st Century Skills addresses key questions about the overlap between 21st century skills and scientific content and knowledge; explores promising models or approaches for teaching these abilities; and reviews the evidence about the transferability of these skills to real workplace applications.

Integrative Learning Mary Taylor Huber 2004 One of the great challenges in higher education is to help students integrate their learning. The capacity to make connections is essential to the conduct of personal, professional, and civic life, and is at the very heart of liberal education. It is also, arguably, more important than ever, and more difficult to achieve, as students transfer among multiple institutions and struggle to balance work and study. Indeed, many of the basic structures of academic life encourage them to see their courses as isolated requirements to complete. This paper explores the challenges to integrative learning today as well as its longer tradition and rationale within a vision of liberal education. In outlining promising directions for campus work, the authors draw on AAC&U's landmark report "Greater Expectations" as well as the Carnegie Foundation's long-standing initiative on the scholarship of teaching and learning. Readers will find a map of the terrain of interactive learning on which promising new development in undergraduate education can be cultivated, learned from, and built upon.

Python All-in-One For Dummies John C. Shovic 2021-03-29 The one-stop resource for all your Python queries Powerful and flexible, Python is one of the most popular programming languages in the world. It's got all the right stuff for the software driving the cutting-edge of the development world—machine learning, robotics, artificial intelligence, data science, etc. The good news is that it's also pretty straightforward to learn, with a simplified syntax, natural-language flow, and an amazingly supportive user community. The latest edition of Python All-in-One For Dummies gives you an inside look at the exciting possibilities offered in the Python world and provides a springboard to launch yourself into wherever you want your coding career to take you. These 7 straightforward and friendly mini-books assume the reader is a beginning programmer, and cover everything from

the basic elements of Python code to introductions to the specific applications where you'll use it. Intended as a hands-on reference, the focus is on practice over theory, providing you with examples to follow as well as code for you to copy and start modifying in the "real world"—helping you get up and running in your area of interest almost right away. This means you'll be finishing off your first app or building and remote-controlling your own robot much faster than you can believe. Get a thorough grounding in the language basics Learn how the syntax is applied in high-profile industries Apply Python to projects in enterprise Find out how Python can get you into hot careers in AI, big data, and more Whether you're a newbie coder or just want to add Python to your magic box of tricks, this is the perfect, practical introduction—and one you'll return to as you grow your career.

80/20 Triathlon Matt Fitzgerald 2018-09-18 A breakthrough program for triathletes -- beginner, intermediate, and advanced -- showing how to balance training intensity to maximize performance -- from a fitness expert and elite coach. Cutting-edge research has proven that triathletes and other endurance athletes experience their greatest performance when they do 80 percent of their training at low intensity and the remaining 20 percent at moderate to high intensity. But the vast majority of recreational triathletes are caught in the so-called "moderate-intensity rut," spending almost half of their time training too hard--harder than the pros. Training harder isn't smarter; it actually results in low-grade chronic fatigue that prevents recreational athletes from getting the best results. In *80/20 Triathlon*, Matt Fitzgerald and David Warden lay out the real-world and scientific evidence, offering concrete tips and strategies, along with complete training plans for every distance--Sprint, Olympic, Half-Ironman, and Ironman--to help athletes implement the 80/20 rule of intensity balance. Benefits include reduced fatigue and injury risk, improved fitness, increased motivation, and better race results.

Anatomy & Physiology 2016

Reinventing Organizations Frederic Laloux 2014 Every time humanity has shifted to a new stage of consciousness in the past, it has invented a new way to structure and run organizations, each time bringing breakthroughs in collaboration. The organizations researched for this book have already "cracked the code." Their founders have fundamentally questioned every aspect of management and have come up with entirely new organizational methods. This book describes in practical detail how organizations large and small can operate in this new paradigm.

[Employee Training & Development](#) Raymond Noe 2014-08-19

Analyzing Data with Power BI and Power Pivot for Excel Alberto Ferrari 2017-04-28 Renowned DAX experts Alberto Ferrari and Marco Russo teach you how to design data models for maximum efficiency and effectiveness. How can you use Excel and Power BI to gain real insights into your information? As you examine your data, how do you write a formula that provides the numbers you need? The answers to both of

these questions lie with the data model. This book introduces the basic techniques for shaping data models in Excel and Power BI. It's meant for readers who are new to data modeling as well as for experienced data modelers looking for tips from the experts. If you want to use Power BI or Excel to analyze data, the many real-world examples in this book will help you look at your reports in a different way—like experienced data modelers do. As you'll soon see, with the right data model, the correct answer is always a simple one! By reading this book, you will:

- Gain an understanding of the basics of data modeling, including tables, relationships, and keys
- Familiarize yourself with star schemas, snowflakes, and common modeling techniques
- Learn the importance of granularity
- Discover how to use multiple fact tables, like sales and purchases, in a complex data model
- Manage calendar-related calculations by using date tables
- Track historical attributes, like previous addresses of customers or manager assignments
- Use snapshots to compute quantity on hand
- Work with multiple currencies in the most efficient way
- Analyze events that have durations, including overlapping durations
- Learn what data model you need to answer your specific business questions

About This Book

- For Excel and Power BI users who want to exploit the full power of their favorite tools
- For BI professionals seeking new ideas for modeling data

XSS Attacks Seth Fogie 2011-04-18 A cross site scripting attack is a very specific type of attack on a web application. It is used by hackers to mimic real sites and fool people into providing personal data. *XSS Attacks* starts by defining the terms and laying out the ground work. It assumes that the reader is familiar with basic web programming (HTML) and JavaScript. First it discusses the concepts, methodology, and technology that makes XSS a valid concern. It then moves into the various types of XSS attacks, how they are implemented, used, and abused. After XSS is thoroughly explored, the next part provides examples of XSS malware and demonstrates real cases where XSS is a dangerous risk that exposes internet users to remote access, sensitive data theft, and monetary losses. Finally, the book closes by examining the ways developers can avoid XSS vulnerabilities in their web applications, and how users can avoid becoming a victim. The audience is web developers, security practitioners, and managers. XSS Vulnerabilities exist in 8 out of 10 Web sites The authors of this book are the undisputed industry leading authorities Contains independent, bleeding edge research, code listings and exploits that can not be found anywhere else

[SRIM, the Stopping and Range of Ions in Matter](#) James F. Ziegler 2008

"This is a textbook the gives the background of the stopping and range of ions in matter (www.SRIM.org). It is written to be the prime resource for those who use SRIM in scientific work."--Lulu.com.

Calculus Gilbert Strang 2017-09-14 Gilbert Strang's clear, direct style and detailed, intensive explanations make this textbook ideal as both a course companion and for self-study. Single variable and multivariable calculus

are covered in depth. Key examples of the application of calculus to areas such as physics, engineering and economics are included in order to enhance students' understanding. New to the third edition is a chapter on the 'Highlights of calculus', which accompanies the popular video lectures by the author on MIT's OpenCourseWare. These can be accessed from math.mit.edu/~gs.

So Much More Than the ABCs Judith A. Schickedanz 2013 "List of children's literature cited": p. 203-205.

Microsoft Project 2016 Step by Step Carl Chatfield 2016-02-25 The quick way to learn Microsoft Project 2016! This is learning made easy. Get more done quickly with Project 2016. Jump in wherever you need answers-brisk lessons and colorful screenshots show you exactly what to do, step by step. Quickly start a new plan, build task lists, and assign resources Share your plan and track your progress Capture and fine-tune work and cost details Use Gantt charts and other views and reports to visualize project schedules Share resources across multiple plans and consolidate projects Master project management best practices while you learn Project Look up just the tasks and lessons you need

THE INVISIBLE MAN H. G. Wells 2017-12-06 The Invisible Man is a science fiction novella. The Invisible Man of the title is Griffin, a scientist who has devoted himself to research into optics and invents a way to change a body's refractive index to that of air so that it absorbs and reflects no light and thus becomes invisible. He successfully carries out this procedure on himself, but fails in his attempt to reverse the procedure. Herbert George Wells (1866 – 1946), known as H. G. Wells, was a prolific English writer in many genres, including the novel, history, politics, and social commentary, and textbooks and rules for war games.

Nurse as Educator Susan Bacorn Bastable 2008 Designed to teach nurses

about the development, motivational, and sociocultural differences that affect teaching and learning, this text combines theoretical and pragmatic content in a balanced, complete style. --from publisher description.

Handbook of Natural Language Processing Nitin Indurkha 2010-02-22

The Handbook of Natural Language Processing, Second Edition presents practical tools and techniques for implementing natural language processing in computer systems. Along with removing outdated material, this edition updates every chapter and expands the content to include emerging areas, such as sentiment analysis. New to the Second Edition Greater

Japanese Candlestick Charting Techniques Steve Nison 2001-11-01 The ultimate guide to a critical tool for mastering the financial markets A longstanding form of technical analysis, Japanese candlestick charts are a dynamic and increasingly popular technical tool for traders of all skill levels. Known for its versatility, this ancient charting can be fused with every other technical tool available, including traditional Western technical analysis. Japanese Candlestick Charting Techniques is the most comprehensive and trusted guide to this essential technique. Informed by years of research from a pioneer trader, this book covers everything you need to know, including hundreds of examples that show how candlestick techniques can be used in all of today's markets. This totally updated revision focuses on the needs of today's traders and investors with: * All new charts including more intra-day markets * New candlestick charting techniques * More focus on active trading for swing, online and day traders * New Western techniques in combination with candles * A greater spotlight on capital preservation. From speculation and hedging to futures and equities, candlestick charting is the next level up for both amateur day traders and seasoned technicians, and this book provides expert guidance for putting it into action