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Instant Access to Civil Engineering Formulas Fully updated and packed with more than 500 new formulas, this book offers a single compilation of all essential civil engineering formulas and equations in one easy-to-use reference. Practical, accurate data is presented in USCS and SI units for maximum convenience. Follow the calculation procedures inside Civil Engineering Formulas, Second Edition, and get precise results with minimum time and effort. Each chapter is a quick reference to a well-defined topic, including: Beams and girders Columns Piles and piling Concrete structures Timber engineering Surveying Soils and earthwork Building structures Bridges and suspension cables Highways and roads Hydraulics, drams, and waterworks Power-generation wind turbines Stormwater Wastewater treatment Reinforced concrete Green buildings Environmental protection

Practical SQL is an approachable and fast-paced guide to SQL (Structured Query Language), the standard programming language for defining, organizing, and exploring data in relational databases. The book focuses on using SQL to find the story your data tells, with the popular open-source database PostgreSQL and the pgAdmin interface as its primary tools. You'll first cover the fundamentals of databases and the SQL language, then build skills by analyzing data from the U.S. Census and other federal and state government agencies. With exercises and real-world examples in each chapter, this book will teach even those who have never programmed before all the tools necessary to build powerful databases and access information quickly and efficiently. You'll learn how to: - Create databases and related tables using your own data - Define the right data types for your information - Aggregate, sort, and filter data to find patterns - Use basic math and advanced statistical functions - Identify errors in data and clean them up - Import and export data using delimited text files - Write queries for geographic information systems (GIS) - Create advanced gueries and automate tasks Learning SQL doesn't have to be dry and complicated. Practical SQL delivers clear examples with an easy-to-follow approach to teach you the tools you need to build and manage your own databases. This book uses PostgreSQL, but the SQL syntax is applicable to many database applications, including Microsoft SQL Server and MySQL.

This effective self-study guide serves as an accelerated review of all exam objectives for the CompTIA PenTest+ certification exam This concise, quick-review test preparation guide offers 100% coverage of all exam objectives for the new CompTIA PenTest+ exam. Designed as an accelerated review of all the key information covered on the exam, the Passport's established pedagogy enables you to tailor a course for study and drill down into the exam objectives. Special elements highlight actual exam topics and point you to additional resources for further information. Written by an IT security expert and experienced author, CompTIA Pen-Test+ Certification Passport (Exam PT0-001) focuses on exactly what you need to know to pass the exam. The book features end of chapter review sections that provide bulleted summations organized by exam objective. Accurate practice exam questions with in-depth answer explanations aid in retention, reinforce what you have learned, and show how this information directly relates to the exam. • Online content includes access to the TotalTester online test engine with 200 multiple-choice practice questions and additional performance-based questions • Follows the newly-refreshed Certification Passport series developed by training guru Mike Meyers • Includes a 10% off exam voucher coupon, a \$35 value

Need to learn HTML and CSS fast? This best-selling reference's visual format and step-by-step, task-based instructions will have you up and running with HTML in no time. In this updated edition author Bruce Hyslop uses crystal-clear instructions and friendly prose to introduce you to all of today's HTML and CSS essentials. The book has been refreshed to feature current web design best practices. You'll learn how to design, structure, and format your website. You'll learn about the new elements and form input types in HTML5. You'll create and use images, links, styles, and forms; and you'll add video, audio, and other multimedia to your site. You'll learn how to add visual effects with CSS3. You'll understand web standards and learn from code examples that reflect today's best practices. Finally, you will test and debug your site, and publish it to the web. Throughout the book, the author covers all of HTML and offers essential coverage of HTML5 and CSS techniques.

An instant New York Times bestseller and #1 Wall Street Journal bestseller. JIM KWIK, the world's #1 brain coach, has written the owner's manual for mental expansion and brain fitness. Limitless gives people the ability to accomplish more--more productivity, more transformation, more personal success and business

achievement--by changing their Mindset, Motivation, and Methods. These "3 M's" live in the pages of Limitless along with practical techniques that unlock the superpowers of your brain and change your habits. For over 25 years, Jim Kwik has worked closely with successful men and women who are at the top in their fields as actors, athletes, CEOs, and business leaders from all walks of life to unlock their true potential. In this groundbreaking book, he reveals the science-based practices and field-tested tips to accelerate self learning, communication, memory, focus, recall, and speed reading, to create fast, hard results. Learn how to: FLIP YOUR MINDSET Your brain is like a supercomputer and your thoughts program it to run. That's why the Kwik Brain process starts with unmasking assumptions, habits, and procrastinations that stifle you, redrawing the borders and boundaries of what you think is possible. It teaches you how to identify what you want in every aspect of your life, so you can move from negative thinking to positive possibilities. IGNITE YOUR MOTIVATION Uncovering what motivates you is the key that opens up limitless mental capacity. This is where Passion + Purpose + Energy meet to move you closer to your goals, while staying focused and clear. Your personal excitement will be sustainable with self-renewing inspirations. Your mind starts strong, stays strong, and drives further exponentially faster. MASTER THE METHOD We've applied the latest neuroscience for accelerated learning. Our process, programs, podcasts, and products unleash your brain's own superpowers. Finish a book 3x faster through speed reading (and remember every part of it), learn a new language in record time, and master new skills with ease. These are just a few of the life-changing self--help benefits. With Kwik Brain, you'll get brain-fit and level-up your mental performance. With the best Mindset, Motivation and Method, your powers become truly limitless.

CliffsQuickReview course guides cover the essentials of your toughest classes. You're sure to get a firm grip on core concepts and key material and be ready for the test with this guide at your side. Whether you're new to functions, analytic geometry, and matrices or just brushing up on those topics, CliffsQuickReview Precalculus can help. This guide introduces each topic, defines key terms, and walks you through each sample problem step-by-step. In no time, you'll be ready to tackle other concepts in this book such as Arithmetic and algebraic skills Functions and their graphs Polynomials, including binomial expansion Right and oblique angle trigonometry Equations and graphs of conic sections Matrices and their application to systems of equations CliffsQuickReview Precalculus acts as a supplement to your textbook and to classroom lectures. Use this reference in any way that fits your personal style for study and review — you decide what works best with your needs. You can either read the book from cover to cover or just look for the information you want and put it back on the shelf for later. What's more, you can Use the free Pocket Guide full of essential information Get a glimpse of what you'll gain from a chapter by reading through the Chapter Check-In at the beginning of each chapter Use the Chapter Checkout at the end of each chapter to gauge your grasp of the important information you need to know Test your knowledge more completely in the CQR Review and look for additional sources of information in the CQR Resource Center Use the glossary to find key terms fast. With titles available for all the most popular high school and college courses, CliffsQuickReview guides are a comprehensive resource that can help you get the best possible grades.

Aimed at senior undergraduates and first-year graduate students, this book offers a principles-based approach to inorganic chemistry that, unlike other texts, uses chemical applications of group theory and molecular orbital theory throughout as an underlying framework. This highly physical approach allows students to derive the greatest benefit of topics such as molecular orbital acidbase theory, band theory of solids, and inorganic photochemistry, to name a few. Takes a principles-based, group and molecular orbital theory approach to inorganic chemistry. The first inorganic chemistry textbook to provide a thorough treatment of group theory, a topic usually relegated to only one or two chapters of texts, giving it only a cursory overview Covers atomic and molecular term symbols, symmetry coordinates in vibrational spectroscopy using the projection operator method, polyatomic MO theory, band theory, and Tanabe-Sugano diagrams Includes a heavy dose of group theory in the primary inorganic textbook, most of the pedagogical benefits of integration and reinforcement of this material in the treatment of other topics, such as frontier MO acid-base theory, band theory of solids, inorganic photochemistry, the Jahn-Teller effect, and Wade's rules are fully realized Very physical in nature compare to other textbooks in the field, taking the time to go through mathematical derivations and to compare and contrast different theories of bonding in order to allow for a more rigorous treatment of their application to molecular structure,

bonding, and spectroscopy Informal and engaging writing style; worked examples throughout the text; unanswered problems in every chapter; contains a generous use of informative, colorful illustrations

Contains full-color illustrations of fifteen human body systems, covering surface anatomy, joints and ligaments, the brain, the senses, the heart, origins and insertions, and the skeletal, muscular, nervous, digestive, respiratory, circulatory, lymphatic, urogenital, and reproductive systems.

Give life to your designs and keep your CAD skills fresh with Mastering AutoCAD 2021 and Mastering AutoCAD LT 2021 AutoCAD continues to be the tool of choice for architects, project managers, engineers, city planners, and other design professionals, and when the industry experts need to learn the latest CAD techniques and trends, they turn to Mastering AutoCAD and AutoCAD LT. Packed with real-world examples, straightforward instructions, and downloadable project files, this edition of this bestselling Auto-CAD reference has been fully updated for the latest features from the 2021 version of AutoCAD and AutoCAD LT. From getting familiar with the interface to preparing for Autodesk AutoCAD certification, Mastering AutoCAD 2021 and AutoCAD LT 2021 gives CAD professionals command of the software's core functions and complex capabilities. Develop AutoCAD drawings from concept to creation Use hatches, fields, and tables Work with dynamic blocks, attributes, drawing curves, and solid fills Apply 3D modeling and imaging techniques Customize your interface and configure template settings and styles Get ready for the Autodesk AutoCAD Certification exam Whether you're seeking on-the-job certification or just looking to dream big and draw, Mastering AutoCAD 2021 and AutoCAD LT 2021 is the ultimate guide to all things AutoCAD.

Project managers are keen to learn from the best. So we asked the top experts in the field a straightforward question: What is your best piece of advice for success in project management? The result is this book a collection of their best stories, lessons, and takeaways. 25 different industry leaders make compelling cases for why their key will help influence your project success: The seven bullets of highly effective project managers Why leadership must be taken, not given The importance of becoming project business-savvy Ways to generate meaningful client ownership How great project managers make it fun And 20 other differentiators that have helped these industry leaders stand out If you are interested in differentiating yourself and boosting your career, then this book is a fantastic opportunity to connect with trusted mentors, read their honest advice, and leverage these keys to success in your own practice.

Learn the Most Popular Excel Formulas Ever: VLOOKUP, IF, SUMIF, INDEX/MATCH, COUNT, SUMPRODUCT plus Many More!With this book, you'll learn to apply the must know Excel Formulas & Functions to make your data analysis & reporting easier and will save time in the process.With this book you get the following: ✓ 101 Ready Made Formulas Covering: LOOKUP, LOGICAL, MATH, STATIS-TICAL, TEXT, DATE, TIME & INFORMATION ✓ Easy to Read Step by Step Guide with Screenshots ✓ Downloadable Practice Workbooks for each Formula with Solutions ✓ Interactive & Searchable E-Book to find any Formula with ease ✓ New Excel Formulas For Excel 2019 & Office 365This book is a MUST-HAVE for Beginner to Intermediate Excel users who want to learn Excel Formulas FAST & stand out from the crowd!

Provides quick tips to help you prepare for an interview, research the employer, make a lasting impression, and follow up.

Covers numerous topics in management theories and applications, such as aggregate planning, benchmarking, logistics, diversification strategy, non-traditional work arrangements, performance measurement, productivity measures, supply chain management, and much more.

Team Foundation Server is now for everyone! Team Foundation Server is an integral part of Microsoft's Application Lifecycle Management suite for managing and delivering software projects. The 2013 update has opened up TFS for everyone by expanding capabilities to support iOS, MacOS, Android, and Java development. Professional Team Foundation Server 2013 covers the latest updates for Agile Project Management, Test-Case Management, Release Management, and shows new users the TFS workflow for managing and delivering products. The authors leverage their positions as MVP Microsoft insiders to guide you step-by-step through all things TFS, as well as help prepare you for the Team Foundation Server Certification Exam. Provides a broad overview of Team Foundation Server for developers, software project managers, testers, business analysts, and others wanting to learn how to use TFS Gives TFS administrators the tools they need to efficiently monitor and manage the TFS environment Covers core TFS functions including project management, work item tracking, version

control, test case management, build automation, reporting Explains extensibility options and how to write extensions for TFS Helps certification candidates prepare for the Microsoft Team Foundation Server 2013 certification exam Professional Team Foundation Server 2013 is the ultimate guide to mastering this invaluable developer's tool.

1001 math problems will teach you how to: master core concepts to prepare for important exams, learn math rules and how to apply them to problems, learn math skills you can apply when solving problems at all levels, and overcome math anxiety through skills reinforcement and focused practice.

Create believable CG character models with this unique book and DVD package. The stunning color images show just what you can achieve, and the detailed step-by-step tutorials show exactly how to achieve them. Every technique and tip is backed up with practical tutorials, using the models, textures and video on the companion DVD to offer a crash course to this vital skill. Jason Patnode takes you from low to high-resolution modeling - helping you span the gap between game and film industry skills. Based on Maya 2008 and ZBrush 3.0. You'll learn: Pipeline and modeling guidelines . Overview of Maya . Introduction to ZBrush modeling . Concept art . Anatomy . Creating a video game character . Creating a hyper-real character . Creating a photo-real character . UVs and texturing . How to create a demo reel

Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Good communication skills are essential for companies in terms of marketing their services to the public, and for co-workers interacting with each other. BarCharts' new 3-panel guide addresses this important area of business, using a format that breaks down each element into sections featuring comprehensive lists of key definitions, tips and suggestions. It's a must-have for any businessperson's bookshelf.

The book covers a decade of work with some of the largest commercial and government agencies around the world in addressing cyber security related to malicious insiders (trusted employees, contractors, and partners). It explores organized crime, terrorist threats, and hackers. It addresses the steps organizations must take to address insider threats at a people, process, and technology level. Today's headlines are littered with news of identity thieves, organized cyber criminals, corporate espionage, nation-state threats, and terrorists. They represent the next wave of security threats but still possess nowhere near the devastating potential of the most insidious threat: the insider. This is not the bored 16-year-old hacker. We are talking about insiders like you and me, trusted employees with access to information - consultants, contractors, partners, visitors, vendors, and cleaning crews. Anyone in an organization's building or networks that possesses some level of trust. * Full coverage of this hot topic for virtually every global 5000 organization, government agency, and individual interested in security. * Brian Contos is the Chief Security Officer for one of the most well known, profitable and respected security software companies in the U.S.—ArcSight.

Beat the Market and Grow Your Cash Flow Without Becoming a Full-time Investor Most investment strategies are just too complicated, too risky, or too subjective. Typical investment strategies completely ignore human emotions, and making emotional investment decisions is the most common cause of losses for investors. Risky trading strategies advertised with get-rich-quick hype may create big wins for a lucky few, but most people just end up with big losses and nothing to show for all their hard work and the emotional rollercoaster they endured. Creating and maintaining real wealth through stock investing requires a long-term investment strategy that properly manages risk and prevents emotional decision-making so that you never suffer major losses. The FALCON Method is completely different than typical stock investing strategies. The reason it beats the market again and again is because it uses an evidence-based stock selection process that anyone can follow. You don't need to get lucky, take big risks, or fly by the seat of your pants in order to retire wealthy from stock investing. Successful investing requires structured decision-making based on a proven process, and that's exactly how The FALCON Method was created.

No matter how old or young, experienced or not, anyone can achieve levels of fulfillment and satisfaction never before thought possible. Sex therapist Dr. Barbara Keesling tells men and women the simple secret that can give couples unmatched pleasure for years. Using Dr. Keesling's techniques, you and your partner will embark on an erotic exploration of the realm of the senses and experience intimacy like never before. Her proven, helpful tips include: How to prolong lovemaking for as long as you want Excercises that can enhance pleasure Learning how to touch and how to feel Igniting your partner's passion And so much more!

"Effective Teaching of Technical Communication broadens our un-

derstanding of current effective teaching and pedagogical methods by facilitating a discussion of important and innovative theories, concepts, and practices related to the teaching of technical communication"--

31 Days Before Your CCNA Exam: A Day-By-Day Review Guide for the CCNA 200-301 Certification Exam is the friendliest, most practical way to understand the CCNA Routing & Switching certification process, commit to taking your CCNA 200-301 exam, and finish your preparation using a variety of primary and supplemental study resources. Thoroughly updated for the current exam, this portable guide offers a complete day-by-day plan for what and how to study. From the basics of switch configuration and IP addressing through modern cloud, virtualization, SDN, SDA, and network automation concepts, you'll find it here. Each day breaks down an exam topic into a short, easy-toreview summary, with Daily Study Resource quick-references pointing to deeper treatments elsewhere. Sign up for your exam now, and use this dayby-day guide and checklist to organize, prepare, review, and succeed! How this book helps you fit exam prep into your busy schedule: Visual tear-card calendar summarizes each day's study topic, to help you get through everything Checklist offers expert advice on preparation activities leading up to your exam Descriptions of exam organization and sign-up processes help make sure nothing falls between the cracks Proven strategies help you prepare mentally, organizationally, and physically Conversational tone makes studying more enjoyable Primary Resources: CCNA 200-301 Official Cert Guide Library ISBN: 978-1-58714-714-2 Introduction to Networks v7 Companion Guide ISBN: 978-0-13-663366-2 Introduction to Networks v7 Labs and Study Guide ISBN: 978-0-13-663445-4 Switching, Routing, and Wireless Essentials v7 Companion Guide ISBN: 978-0-13-672935-8 Switching, Routing, and Wireless Essentials v7 Labs and Study Guide ISBN: 978-0-13-663438-6 Enterprise Networking, Security, and Automation v7 Companion Guide ISBN: 978-0-13-663432-4 Enterprise Networking, Secur ity, and Automation v7 Labs and Study Guide ISBN: 978-0-13-663469-0 Supplemental Resources: CCNA 200-301 Portable Command Guide, 5th Edition ISBN: 978-0-13-593782-2 CCNA 200-301 Complete Video Course and Practice Test ISBN: 978-0-13-658275-5

Modern ERP provides a comprehensive overview of enterprise resource planning (ERP) systems and related systems and technologies and can be used in an undergraduate or graduate information systems or supply chain course. The book is also useful and practical for professionals interested in learning more about ERP systems. This 4th edition continues to be vendor-agnostic and has been substantially revised to keep pace with technological advances and current research in ERP. Modern ERP begins with an introduction to ERP, followed by ERP technology, business process reengineering (BPR), and process mapping. Also discussed is the myriad of activities involved in planning for and implementing ERP systems and the functionality included in ERP such as financial management, sales and order fulfillment, supply chain, and human capital management. The book concludes with ERP security and business analytics. Innovative graphics and screenshots of ERP, CRM, and business analytics software have been included in the text to facilitate the learning process.

Build your high performance large scale concurrent system in a more flexible and efficient way than ever before with this first & only Swoole PHP book, with PHP 8 ready. Introduction Introducing a new execution model of PHP applications, how Swoole PHP works and the pitfalls of new developers coming into the Swoole PHP world. This book is also about the general concepts behind building a high concurrency and high-performance web system and how these concepts are implemented in Swoole PHP and how advanced PHP works. This book provides just enough Linux OS kernel knowledges with code samples helping you understand how async I/O, concurrency and coroutine works. When start learning or using a new framework, people always carry some assumption coming from the previous experience. Some of these experiences are helpful to understand the new system, but some of these experiences may lead to the misunderstanding of the new system. This book introduces the pitfalls to avoid if you are an experienced PHP developer. This book is for the developers who have already know the basics about how a web system works such as PHP web application or application in the other programming languages such as Node.js, Golang or Java. After reading this book, you should be able to build a high concurrent Swoole PHP system with confidence.

As the most important component of Microsoft's Visual Studio(r) 2005 Team System, Team Foundation Server is the central integration point that provides a collaborative environment for every member of a team, regardless of role. Since Team Foundation Server is so tightly interwoven with the rest of Team System, the authors have decided to present you with an invaluable resource that covers both, so that you may learn to set up and administer Team Foundation Server in order to effectively use the whole Team System toolset effectively. Three Microsoft Team System MVPs cover how to plan a Team System deployment, complete a software project, and everything in between. They show you how to handle real-world challenges and tackle the tasks and scenarios that encompass the entire software development lifecycle. What you will learn from this book How to implement IT gover-

nance such as Sarbanes-Oxley How to work with mixed environments (including Java and .NET) How to set up the product for large distributed environments How and why to take multiple lifecycles into consideration when deploying and using Team System How to create custom development tools and administer and customize work items How to monitor your team project metrics using SQL Server Reporting Services Who this book is for This book is for project managers, IT administrators, and anyone whose role consists of administering Team Foundation Server on a daily basis, running a software project, setting up users, or handling security. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better

The fastest, easiest, most comprehensive way to master Adobe PageMaker, fully updated to cover version 7.0. Classroom-in-a-book format teaches PageMaker in short, project-oriented lessons. This page layout program now offers loads of new features, including a new simplified workflow with Adobe Photoshop and Illustrator, and added integration with popular business tools such as Microsoft Word, QuarkXPress, and more.

Summary Deep Learning with Python introduces the field of deep learning using the Python language and the powerful Keras library. Written by Keras creator and Google AI researcher François Chollet, this book builds your understanding through intuitive explanations and practical examples. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Machine learning has made remarkable progress in recent years. We went from nearunusable speech and image recognition, to near-human accuracy. We went from machines that couldn't beat a serious Go player, to defeating a world champion. Behind this progress is deep learning—a combination of engineering advances, best practices, and theory that enables a wealth of previously impossible smart applications. About the Book Deep Learning with Python introduces the field of deep learning using the Python language and the powerful Keras library. Written by Keras creator and Google AI researcher François Chollet, this book builds your understanding through intuitive explanations and practical examples. You'll explore challenging concepts and practice with applications in computer vision, natural-language processing, and generative models. By the time you finish, you'll have the knowledge and hands-on skills to apply deep learning in your own projects. What's Inside Deep learning from first principles Setting up your own deep-learning environment Image-classification models Deep learning for text and sequences Neural style transfer, text generation, and image generation About the Reader Readers need intermediate Python skills. No previous experience with Keras, TensorFlow, or machine learning is required. About the Author François Chollet works on deep learning at Google in Mountain View, CA. He is the creator of the Keras deep-learning library, as well as a contributor to the Tensor-Flow machine-learning framework. He also does deep-learning research, with a focus on computer vision and the application of machine learning to formal reasoning. His papers have been published at major conferences in the field, including the Conference on Computer Vision and Pattern Recognition (CVPR), the Conference and Workshop on Neural Information Processing Systems (NIPS), the International Conference on Learning Representations (ICLR), and others. Table of Contents PART 1 - FUNDAMENTALS OF DEEP LEARNING What is deep learning? Before we begin: the mathematical building blocks of neural networks Getting started with neural networks Fundamentals of machine learning PART 2 -DEEP LEARNING IN PRACTICE Deep learning for computer vision Deep learning for text and sequences Advanced deep-learning best practices Generative deep learning Conclusions appendix A -Installing Keras and its dependencies on Ubuntu appendix B - Running Jupyter notebooks on an EC2 GPU instance

This book provides a broad and comprehensive coverage of the theoretical, experimental, and numerical techniques employed in the field of stress analysis. Designed to provide a clear transition from the topics of elementary to advanced mechanics of materials. Its broad range of coverage allows instructors to easily select many different topics for use in one or more courses. The highly readable writing style and mathematical clarity of the first edition are continued in this edition. Major revisions in this edition include: an expanded coverage of three-dimensional stress/strain transformations; additional topics from the theory of elasticity; examples and problems which test the mastery of the prerequisite elementary topics; clarified and additional topics from advanced mechanics of materials; new sections on fracture mechanics and structural stability; a completely rewritten chapter on the finite element method; a new chapter on finite element modeling techniques employed in practice when using commercial FEM software; and a significant increase in the number of end of chapter exercise problems some of which are oriented towards computer applications.

Create more robust applications with a test-first approach to JavaScript Reliable JavaScript, How to Code Safely in the World's Most Dangerous Language demonstrates how to create test-driv-

3

en development for large-scale JavaScript applications that will stand the test of time and stay accurate through long-term use and maintenance. Taking a test-first approach to software architecture, this book walks you through several patterns and practices and explains what they are supposed to do by having you write unit tests. Write the code to pass the unit tests, so you not only develop your technique for structuring large-scale applications, but you also learn how to test your work. You'll come away with hands-on practice that results in code that is correct from the start, and has the test coverage to ensure that it stays correct during subsequent maintenance. All code is provided both in the text and on the web, so you can immediately get started designing more complete, robust applications. JavaScript has graduated from field-validation scripts to full-scale applications, but many developers still approach their work as if they were writing simple scripts. If you're one of those developers, this book is the solution you need to whip your code into shape and create JavaScript applications that work. Write more concise and elegant code by thinking in JavaScript Test the implementation and use of common design patterns Master the use of advanced JavaScript features Ensure your code's conformance to your organization's standards If you're ready to step up your code and develop more complete software solutions, Reliable JavaScript is your essential resource. Mr. Spreadsheet has done it again with 101 easy-to-apply Excel formulas 101 Ready-to-Use Excel Formulas is filled with the most commonly-used, real-world Excel formulas that can be repurposed and put into action, saving you time and increasing your productivity. Each segment of this book outlines a common business or analysis problem that needs to be solved and provides the actual Excel formulas to solve the problem—along with detailed explanation of how the formulas work. Written in a user-friendly style that relies on a tips and tricks approach, the book details how to perform everyday Excel tasks with confidence. 101 Ready-to-Use Excel Formulas is sure to become your well-thumbed reference to solve your workplace problems. The recipes in the book are structured to first present the problem, then provide the formula solution, and finally show how it works so that it can be customized to fit your needs. The companion website to the book allows readers to easily test the formulas and provides visual confirmation of the concepts presented. Teaches you how to implement the required Excel formula Explains and details how the formulas work Lets you reuse or customize the given formula to address your particular needs Helps you make the formulas a regular part of your new, more efficient workflow Specific real-world scenarios

are used to demonstrate how to most effectively apply Excel and its powerful formulas to complete tasks faster and with greater accuracy than ever before. Now you can save time, automate, and be more efficient and productive with 101 Ready-to-Use Excel Formulas.

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 Open-CourseWare. These can be accessed from math.mit.edu/~gs.

Discover how our big social, political and ethical ideas are formed with The Philosophy Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Philosophy in this overview guide to the subject, brilliant for beginners looking to learn and experts wishing to refresh their knowledge alike! The Philosophy Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Philosophy, with: - Key quotes from more than 100 of the great thinkers of philosophy -Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Philosophy Book is the perfect introduction to philosophy, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll discover how key concepts in philosophy have shaped our world, with authoritative articles that explore big ideas. Learn about everyone who's contributed to the flow of world philosophy, from antiquity to the modern age, through superb mind maps explaining the line of thought. Your Philosophical Questions, Simply Explained If you thought it was difficult to learn philosophy and its many concepts, The Philosophy Book presents the key ideas in a clear layout. Find out what philosophers thought about the nature of reality, and the fundamental questions we ask ourselves; What is the meaning of life? What is the Universe made of? And work your way through the different branches of philosophy such as metaphysics and ethics, from ancient and modern thinkers. The Big Ideas Series With mil-

lions of copies sold worldwide, The Philosophy Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

Annotation This compilation of best practice jQuery solutions provides a cookbook of ready-to-go suggestions to help breathe life into any web page. It covers topics such as scrolling, animating, backgrounds, crossfaders, menus, buttons and how to write your own jQuery plug-ins.

This updated fifth edition of Encyclopedia of Management covers more than 300 topics in management theories and applications, written by academics and business professionals. All information has been reviewed and edited by the esteemed Dr. Marilyn M. Helms, sesquicentennial endowed chair and professor of management at Dalton State College.

Mastering AutoCAD 2008 and AutoCAD LT 2008 offers a unique blend of tutorial and reference that includes everything you need to get started and stay ahead with AutoCAD. Rather than just showing you how each command works, this book shows you Auto-CAD 2008 in the context of a meaningful activity. You'll learn how to use commands while working on an actual project and progressing toward a goal. Experienced author George Omura provides a foundation on which you can build your own methods for using AutoCAD and become an AutoCAD expert. Coverage includes everything from the basics of AutoCAD to programming in AutoLISP and VBA to installing and setting up AutoCAD. Whether you're an AutoCAD newbie or AutoCAD all-star, Mastering AutoCAD 2008 and AutoCAD LT 2008 has something for you.

Everyone uses Photoshop; however, "not "everyone uses it efficiently! With this guide, the folks at Adobe Press are hoping to remedy that situation. Realizing that if you're a veteran Photoshop user, you may still be using methods more suitable to long-ago versions and that if you're new to Photoshop, you may be missing out on some of the long-honed shortcuts and automated tools, Adobe Press has come up with a guide that shows you how to tap into Photoshop's productivity features to streamline your work whatever your level. You'll be amazed at how much time you can save by taking advantage of Preferences, presets, Actions, scripting, batch processing, keyboard shortcuts, Workspaces, file browsing, the Bridge and more. You'll also learn about new CS2 features that push the creative envelope even further: Image Warping, Vanishing Point, Smart Objects, and more. Simple instructions and images galore make learning easy with this smart, focused guide.