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Harcourt Science Workbook - 1999

The Fascinating World of Graph Theory - Arthur Benjamin 2017-06-06
The history, formulas, and most famous puzzles of graph theory Graph theory goes back several centuries and revolves around the study of graphs—mathematical structures showing relations between objects. With applications in biology, computer science, transportation science, and other areas, graph theory encompasses some of the most beautiful formulas in mathematics—and some of its most famous problems. The Fascinating World of Graph Theory explores the questions and puzzles that have been studied, and often solved, through graph theory. This book looks at graph theory's development and the vibrant individuals responsible for the field's growth. Introducing fundamental concepts, the authors explore a diverse plethora of classic problems such as the Lights Out Puzzle, and each chapter contains math exercises for readers to savor. An eye-opening journey into the world of graphs, The Fascinating World of Graph Theory offers exciting problem-solving possibilities for mathematics and beyond.
Search Engine Optimization (SEO) Secrets - Danny Dover 2011-03-29
Tips, tricks, and little-known methods used by professional SEO consultants to rank in some of the most competitive search phrases Search engine optimization (SEO) is the process of creating, formatting and promoting web pages in a manner that ensures that they are ranked highly for chosen keyword phrases after a user performs a Web search. This unique book taps the relatively unknown market of advanced SEO knowledge, and reveals secrets used by only the best SEO consultants. You'll take your Internet marketing skills to the next level as you gain a thorough understanding of standard SEO techniques such as on-page optimization, off-page optimization, and link building. Packed with real-world examples, this essential guide demonstrates how real SEO consultants work with Fortune 500 companies to get the results they desire. Coverage includes: Understanding Search Engine Optimization Relearning How You See the Web Picking the Right SEO Tools Finding SEO Problems Solving SEO Problems SEO Best Practices The SEO Consulting Process Comprehensive Site Audit (Informational Website) Comprehensive Site Audit (E-Commerce Website) Understanding the SEO Industry Search Engine Verticals Optimizing for Alternative Search Engines Setting Up a Testing Platform SEO Resources Attending SEO Conferences
Social Network Analysis for Startups - Maksim Tsvetovat 2011-10-06
SNA techniques are derived from sociological and social-psychological theories and take into account the whole network (or, in case of very large networks such as Twitter -- a large segment of the network).
Mastering Docker, Fourth Edition - RUSS. MCKENDRICK 2020-10-11

Modular Design Frameworks - James Cabrera

2017-08-10
Learn the basic principles of modular design, and then put them into action to create sites that are easy to use, look great, and can be adapted within the context of your business needs. With author James Cabrera—one of the thought leaders in the modular-design movement—you'll create a single, scalable project for a sample nameplate site and then adapt that same project to work successfully as a portfolio site, an e-commerce site, and finally as a news/publishing content site. Along the way, you'll learn the scientific approach to devising a sound and scalable design strategy, followed by establishing a basic foundation using various criteria relevant to that type of site. As each chapter progresses, you'll add new concepts appropriate for the project type. Modular web and app design isn't just for so-called "creatives." It's a teachable science with principles that can be replicated in a creative manner. This approach makes the design decision making process for businesses much easier (and easier to live with). And modular design is a powerful tool for software designers to replicate effective successful designs across a spectrum of needs. What You'll Learn Examine the design process in a modular way Adapt your HTML code to create different types of applications Establish your own modular framework for your specific site's goals Design for scale Develop a strong foundation skeleton for design Who This Book Is For User experience designers, user interface designers, information architects, developers with an interest in design, developers who want to create their own design frameworks.
Build Your Own ASP.NET Website Using C# & VB.NET - Zak Ruvalcaba 2004
Provides explanations and code samples for C# and VB.NET to build a website with ASP.NET.
Oracle Database 11g The Complete Reference - Kevin Loney 2008-10-15
The Definitive Guide to Oracle Database 11g Get full details on the powerful features of Oracle Database 11g from this thoroughly updated Oracle Press guide. Oracle Database 11g: The Complete Reference explains how to use all the new features and tools, execute powerful SQL queries, construct PL/SQL and SQL*Plus statements, and work with large objects and object-relational databases. Learn how to implement the latest security measures, tune database performance, and deploy grid computing techniques. An invaluable cross-referenced appendix containing Oracle commands, keywords, features, and functions is also included. Install Oracle Database 11g or upgrade from an earlier version Create database tables, sequences, indexes, views, and user accounts Construct SQL statements, procedures, queries, and subqueries Optimize security using virtual private databases and transparent data encryption Import and export data using SQL*Loader and Oracle Data Pump Use SQL replay, change management, and result caching Avoid human errors using flashback and automatic undo management Build and tune PL/SQL triggers, functions, and packages Develop database applications using Java, JDBC, and XML Optimize availability and scalability with Oracle Real Application Clusters
Cloud and Virtual Data Storage Networking - Greg Schulz 2011-08-26
The amount of data being generated, processed, and stored has reached unprecedented levels. Even during the recent economic crisis, there has been no slow down or information recession. Instead, the need to process, move, and store data has only increased. Consequently, IT organizations are looking to do more with what they have while supporting gr
Smart Card Handbook - Wolfgang Rankl 2004-04-02
Building on previous editions, this third edition of the Smart Card Handbook offers a completely updated overview of the state of the art in smart card technology. Everything you need to know about smart cards and their applications is covered! Fully revised, this handbook describes the advantages and disadvantages of smart cards when compared with other systems, such as optical cards and magnetic stripe cards and explains the basic technologies to the reader. This book also considers the actual status of appropriate European and international standards. Features include: New sections on: smart card applications (PKCS #15, USIM, Tachosmart). smart card terminals: M.U.S.C.L.E., OCF, MKT, PC/SC. contactless card data transmission with smart cards. Revised and updated chapters on: smart cards in

the telecommunications industry (GSM, UMTS, (U)SIM application toolkit, decoding of the files of a GSM card). smart card security (new attacks, new protection methods against attacks). A detailed description of the physical and technical properties and the fundamental principles of information processing techniques. Explanations of the architecture of smart card operating systems, data transfer to and from the smart card, command set and implementation of the security mechanisms and the function of the smart card terminals. Current applications of the technology on mobile telephones, telephone cards, the electronic purse and credit cards. Discussions on future developments of smart cards: USB, MMU on microcontroller, system on card, flash memory and their usage. Practical guidance on the future applications of smart cards, including health insurance cards, e-ticketing, wireless security, digital signatures and advanced electronic payment methods. "The book is filled with information that students, enthusiasts, managers, experts, developers, researchers and programmers will find useful. The book is well structured and provides a good account of smart card state-of-the-art technology... There is a lot of useful information in this book and as a practicing engineer I found it fascinating, and extremely useful." Review of second edition in Measurement and Control. 'The standard has got a lot higher, if you work with smart cards then buy it! Highly recommended.' Review of second edition in Journal of the Association of C and C++ Programmers. Visit the Smart Card Handbook online at www.wiley.co.uk/commstech/

Essentials of Cloud Computing - K. Chandrasekaran 2014-12-05
Cloud computing-accessing computing resources over the Internet-is rapidly changing the landscape of information technology. Its primary benefits compared to on-premise computing models are reduced costs and increased agility and scalability. Hence, cloud computing is receiving considerable interest among several stakeholders-businesses, the IT ind

School Bullying - Sonia Sharp 2002-11
Gives a succinct and authoritative account of research into the nature and extent of bullying in schools, evaluating the success of different approaches to the problem.

Principles Of Computer-Aided Design - J Rooney 1997-03-31
The emphasis throughout this treatment of computer-aided design is on fundamental principles.; Consequently, the book focuses on the ways in which various tasks and procedures in design can be formalized, on the ways in which geometrical and other properties of designed objects may be represented, and on the significance of computer aids for the theory and practice of design. The four-part treatment divides into conceptual and mathematical foundations, geometric modelling, analysis and synthesis, and advanced concepts.

Dante's Inferno: Retro Hell-Bound Edition - Dante Alighieri 2020-07-25
Dante Alighieri's terrifying masterpiece enhanced with chilling imagery from the legendary artist, Gustave Doré is a sight to behold.Join Dante on a trip to Hell in Henry Francis Cary's translated version published with Gustave Doré's terrifying artwork. Originally printed in 1861, this Retro Hell-Bound Edition includes:-The original type font-Classic page layouts-Crisp digitally re-scanned and enhanced images-8 1⁄2" x 11" printing-Bold new cover design-Critical explanatory notes-Chronology-The Life of Dante. Written in the 14th century, Inferno gained immense popularity in the late 19th century and stirred the imagination of contemporary artists and translators from the time. Few found inspiration in such a grand way as Doré. The immensely talented French artist created a famous series of unforgettable engravings that enhance the Divine Comedy's journey into untold depths of sorrow, pain, and madness with impeccable detail, masterful shading, imaginative landscape work, and flawless human anatomy. Years ahead of his time, Gustave Doré's imagery tells the story in a cinematic way, which was unusual for the time, and remains captivating today. One wonders how anyone could have possibly created the artwork for Inferno using tools from era.Enjoy Dante's vision of Hell and Cary's translation while admiring more than 75 unforgettable illustrations in crisp detail. The Cary-Doré edition presents Dante's thought-provoking look at the afterlife in a modern yet classical way that continues to enthrall audiences well into the 21st-century.

Linked Data Management - Andreas Harth
2016-04-19
Linked Data Management presents techniques for querying and managing Linked Data that is available on today's Web. The book shows how the abundance of Linked Data can serve as fertile ground for research and commercial applications. The text focuses on aspects of managing large-scale collections of Linked Data. It offers a detailed introduction to Linked Data and related standards, including the main principles distinguishing Linked Data from standard database technology. Chapters also describe how to generate links between datasets and explain the overall architecture of data integration systems based on Linked Data. A large part of the text is devoted to query processing in different setups. After presenting methods to publish relational data as Linked Data and efficient centralized processing, the book explores lookup-based, distributed, and parallel solutions. It then addresses advanced topics, such as reasoning, and discusses work related to read-write Linked Data for system interoperation. Despite the publication of many papers since Tim Berners-Lee developed the Linked Data principles in 2006, the field lacks a comprehensive, unified overview of the state of the art. Suitable for both researchers and practitioners, this book provides a thorough, consolidated account of the new data publishing and data integration paradigm. While the book covers query processing extensively, the Linked Data abstraction furnishes more than a mechanism for collecting, integrating, and querying data from the open Web—the Linked Data technology stack also allows for controlled, sophisticated applications deployed in an enterprise environment.

Ethics and Public Administration - H George Frederickson 2015-03-04
"Ethics and Public Administration" refutes the arguments that administrative ethics cannot be studied in an empirical manner and that empirical analysis can deal only with the trivial issues in administrative ethics. Within a theoretical perspective,the authors qualify their findings and take care not to over-generalise results. The findings are relevant to the practice of public administration. Specific areas addressed include understanding public corruption, ethics as control, and ethics as administration and policy

Explanatory Report on the European Charter of Local Self-government - 1986

Evidence-Based Implant Dentistry - Oreste Iocca 2016-09-28
This book covers all aspects of implant dentistry, presenting up-to-date information that reflects the highest level of scientific evidence as presented in the specialized literature. Among the topics addressed by expert authors are the prognosis of natural tooth versus implant restorations, bone response to implant treatment, placement and loading time, implant design and length, platform design, implant abutments, prosthodontic treatment, reconstructive surgery, and periimplantitis. The amount of data available for the clinician working in the field of implantology is huge and constantly increasing. The task of remaining abreast of the latest evidence and applying it effectively in clinical practice is further hindered by the fact that many scientific papers make contradictory claims and contain methodological flaws and biases that generate confusion and lack of reliability. Against this background, Evidence-Based Implant Dentistry will serve the reader as a dependable and scientifically supported guide to current implant treatment and key issues in the field.

Adaptive Web Design - Aaron Gustafson 2015-11-21
Building an elegant, functional website requires more than just knowing how to code. In Adaptive Web Design, Second Edition, you'll learn how to use progressive enhancement to build websites that work anywhere, won't break, are accessible by anyone—on any device—and are designed to work well into the future. This new edition of Adaptive Web Design frames even more of the web design process in the lens of progressive enhancement. You will learn how content strategy, UX, HTML, CSS, responsive web design, JavaScript, server-side programming, and performance optimization all come together in the service of users on whatever device they happen to use to access the web. Understanding progressive enhancement will make you a better web professional, whether you're a content strategist, information architect, UX designer,

visual designer, front-end developer, back-end developer, or project manager. It will enable you to visualize experience as a continuum and craft interfaces that are capable of reaching more users while simultaneously costing less money to develop. When you've mastered the tenets and concepts of this book, you will see the web in a whole new way and gain web design superpowers that will make you invaluable to your employer, clients, and the web as a whole. Visit http://adaptivewebdesign.info to learn more.

CSS Refactoring - Steve Lindstrom 2016
"Good CSS is essential to the look and feel of modern sites-- as important as the HTML that dictates the site's appearance and the JavaScript that runs the application. Whether you're starting your first CSS project or cleaning up an existing one, this book provides strategies for building a CSS codebase that adheres to the tenets of good architecture"--Back cover.

Rails 4 Test Prescriptions - Noel Rappin 2014-12-13
Does your Rails code suffer from bloat, brittleness, or inaccuracy? Cure these problems with a regular dose of test-driven development. Rails 4 Test Prescriptions is a comprehensive guide to how tests can help you design and write better Rails applications. In this completely revised edition, you'll learn why testing works and how to test effectively using Rails 4, Minitest 5, and RSpec 3, as well as popular testing libraries such as factory_girl and Cucumber. Do what the doctor ordered to make your applications feel all better. Side effects may include better code, fewer bugs, and happier developers. Your Ruby on Rails application is sick. Deadlines are looming, but every time you make the slightest change to the code, something else breaks. Nobody remembers what that tricky piece of code was supposed to do, and nobody can tell what it actually does. Plus, it has bugs. You need test-driven development, a process for improving the design, maintainability, and long-term viability of software. Containing both practical code examples and discussion of why testing works, this book starts with the most basic features delivered as part of core Ruby on Rails. Once you've integrated those features into your coding practice, you'll learn how to use popular third-party testing tools such as RSpec, Mocha, Cucumber, and factory_girl. You'll test the component parts of a Rails application, including the back-end model logic and the front-end display logic. Using Rails examples, you'll learn how to use testing to enable your code to respond better to future change. Plus, you'll see how to handle real-world testing situations. This completely revised edition contains a new tutorial, as well as new examples throughout the book. Many chapters, including the JavaScript chapter, have undergone major changes to reflect new tools and new practices. And there are brand new chapters on testing for security, and testing external services. What You Need:Ruby 2.1, Rails 4

Professional JavaScript for Web Developers - Nicholas C. Zakas 2005-04-29
Dispels the myth that JavaScript is a "baby" language and demonstrates why it is the scripting language of choice used in the design of millions of Web pages and server-side applications Quickly covers JavaScript basics and then moves on to more advanced topics such as object-oriented programming, XML, Web services, and remote scripting Addresses the many issues that Web application developers face, including internationalization, security, privacy, optimization, intellectual property issues, and obfuscation Builds on the reader's basic understanding of HTML, CSS, and the Web in general This book is also available as part of the 4-book JavaScript and Ajax Wrox Box (ISBN: 0470227818). This 4-book set includes: Professional JavaScript for Web Developers (ISBN: 0764579088) Professional Ajax 2nd edition (ISBN: 0470109491) Professional Web 2.0 Programming (ISBN: 0470087889) Professional Rich Internet Applications: Ajax and Beyond (ISBN: 0470082801)

Successful Global Collaborations in Higher Education Institutions - Abdulrahman AI-Youbi 2019-08-15
This open access book presents deep investigation to the manifold topics pertaining to global university collaboration. It outlines the strategies King Abdulaziz University has employed to rise in global rankings, and the reasons chosen to collaborate with other academic and research institutes. The environment in which universities currently exist

is considered, and subsequently how an innovative culture might be established and maintained to enable global partnerships to be implemented and to succeed is discussed. The book provides an intense focus on why collaboration is a necessary ingredient for knowledge transfer and explains how to do it. The last part of the book considers how to sustain partnerships. This is because one of the challenges of global partnerships is not just setting them up, but also sustaining them.

Leading Student Assessment - Charles F. Webber 2011-09-18
This book presents a new and refreshing look at student assessment from the perspective of leading educational theorists, researchers, and practitioners. The authors call for boundary-breaking assessment that reflects clear understandings of the purposes of assessment, a balance of assessment creativity and realism, the ability to detect solutions for assessment challenges, and the capacity to question and imagine assessment alternatives. The 14 chapters offer school and district educators, policy makers, researchers, and university teacher preparation faculty with a comprehensive, current overview of the state and art of student assessment. Key questions are posed about assessment and critical challenges are presented along with sound evidence-based solutions. Student assessment is analyzed in terms of its relationship with classroom instructional practices and large-scale testing programs. Formative and summative assessments are compared and contrasted. The role of psychological assessment in informing classroom practices is profiled along with the need for student voice in fair assessment practices. Readers will be challenged to consider the ecology of student assessment, that is, the impact of assessment in classrooms and schools through to the macro level of globalized societies. The underpinning values and assumptions of student assessment are highlighted. Finally, a rationale is offered for reconceptualizing and redefining assessment.

Political Marketing and Communication - Philippe J. Maarek 1995
Exposes how a global communication and political marketing process can truly help political leaders to master the steps needed to adapt their communication to the evolution of society. The book undertakes a systematic and new approach to the matter, following a political science route.

Mastering Kubernetes - Gigi Sayfan 2017-05-25
Master the art of container management utilizing the power of Kubernetes. About This Book This practical guide demystifies Kubernetes and ensures that your clusters are always available, scalable, and up to date Discover new features such as autoscaling, rolling updates, resource quotas, and cluster size Master the skills of designing and deploying large clusters on various cloud platforms Who This Book Is For The book is for system administrators and developers who have intermediate level of knowledge with Kubernetes and are now waiting to master its advanced features. You should also have basic networking knowledge. This advanced-level book provides a pathway to master Kubernetes. What You Will Learn Architect a robust Kubernetes cluster for long-time operation Discover the advantages of running Kubernetes on GCE, AWS, Azure, and bare metal See the identity model of Kubernetes and options for cluster federation Monitor and troubleshoot Kubernetes clusters and run a highly available Kubernetes Create and configure custom Kubernetes resources and use third-party resources in your automation workflows Discover the art of running complex stateful applications in your container environment Deliver applications as standard packages In Detail Kubernetes is an open source system to automate the deployment, scaling, and management of containerized applications. If you are running more than just a few containers or want automated management of your containers, you need Kubernetes. This book mainly focuses on the advanced management of Kubernetes clusters. It covers problems that arise when you start using container orchestration in production. We start by giving you an overview of the guiding principles in Kubernetes design and show you the best practises in the fields of security, high availability, and cluster federation. You will discover how to run complex stateful microservices on Kubernetes including advanced features as horizontal pod autoscaling, rolling

updates, resource quotas, and persistent storage back ends. Using real-world use cases, we explain the options for network configuration and provides guidelines on how to set up, operate, and troubleshoot various Kubernetes networking plugins. Finally, we cover custom resource development and utilization in automation and maintenance workflows. By the end of this book, you'll know everything you need to know to go from intermediate to advanced level. Style and approach Delving into the design of the Kubernetes platform, the reader will be exposed to the advanced features and best practices of Kubernetes. This book will be an advanced level book which will provide a pathway to master Kubernetes

Cloud Computing For Dummies - Judith S. Hurwitz 2010-01-19
The easy way to understand and implement cloud computing technology written by a team of experts Cloud computing can be difficult to understand at first, but the cost-saving possibilities are great and many companies are getting on board. If you've been put in charge of implementing cloud computing, this straightforward, plain-English guide clears up the confusion and helps you get your plan in place. You'll learn how cloud computing enables you to run a more green IT infrastructure, and access technology-enabled services from the Internet ("in the cloud") without having to understand, manage, or invest in the technology infrastructure that supports them. You'll also find out what you need to consider when implementing a plan, how to handle security issues, and more. Cloud computing is a way for businesses to take advantage of storage and virtual services through the Internet, saving money on infrastructure and support This book provides a clear definition of cloud computing from the utility computing standpoint and also addresses security concerns Offers practical guidance on delivering and managing cloud computing services effectively and efficiently Presents a proactive and pragmatic approach to implementing cloud computing in any organization Helps IT managers and staff understand the benefits and challenges of cloud computing, how to select a service, and what's involved in getting it up and running Highly experienced author team consults and gives

presentations on emerging technologies Cloud Computing For Dummies gets straight to the point, providing the practical information you need to know.

Ethnobotany and Biocultural Diversities in the Balkans - Andrea Pieroni 2014-11-14
This volume addresses recent and ongoing ethnobotanical studies in the Balkans. The book focuses on elaborating the relevance of such studies for future initiatives in this region, both in terms of sustainable and peaceful (trans-regional, trans-cultural) rural development. A multi-disciplinary viewpoint is utilized, with an incorporation of historical, ethnographic, linguistic, biological, nutritional and medical perspectives. The book is also authored by recognized scholars, who in the last decade have extensively researched the Balkan traditional knowledge systems as they pertain to perceptions of the natural world and especially plants. Ethnobotany and Biocultural Diversities in the Balkans is the first ethnobotany book on one of the most biologically and culturally diverse regions of the world and is a valuable resource for both scholars and students interested in the field of ethnobotany.

Digital Language Learning and Teaching - Michael Carrier 2017-01-27
This carefully balanced set of studies and practitioner research projects carried out in various learning contexts around the world highlights cutting-edge research in the use of digital learning technologies in language classrooms and in online learning. Providing an overview of recent developments in the application of educational technology to language learning and teaching, it looks at the experience of researchers and practitioners in both formal and informal (self-study) learning contexts, bringing readers up to date with this rapidly changing field and the latest developments in research, theory, and practice at both classroom and education system levels.

Academic Strategy - George Keller 1983-03
Alone among America's major institutions, colleges and universities have traditional refused to adopt modern management and planning. Now they have entered a perilous new era of declining enrollments, inflated costs, and shifting academic priorities. The result: higher education is going through a planning and

management revolution. This path breaking book describes in detail the nature and dimensions of education's dramatic reversal and the reasons behind it. It examines the new role of strategic planning and the resulting changes in the role of professors, trustees, and college presidents. It describes how colleges and universities can introduce the latest planning and management methods for their own benefit.

Routing Protocols Companion Guide - Cisco Networking Academy 2014
This course describes the architecture, components, and operations of routers, and explains the principles of routing and routing protocols. You learn how to configure a router for basic and advanced functionality. By the end of this course, you will be able to configure and troubleshoot routers and resolve common issues with RIPv1, RIPv2, EIGRP, and OSPF in both IPv4 and IPv6 networks. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organise your time. The book's features help you focus on important concepts to succeed in this course: Chapter objectives-Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms-Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary-Consult the comprehensive Glossary with more than 150 terms. Summary of Activities and Labs-Maximise your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding-Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. How To-Look for this icon to study the steps you need to learn to perform certain tasks.

Teaching and the Case Method - Carl Roland Christensen 1987
Teaching and the Case Method delves into the special role of teacher and students in the case method learning process. Schools that want to use the case method more effectively can use this book to teach groups of faculty how to apply case method techniques. For the first time, too, a book about case method teaching attempts to show how the method can be applied in a liberal arts setting. A liberal arts module in the book presents an innovative program for instructors who want to experiment with discussion teaching in traditional arts and science areas. The book focuses on a wide range of knotty problems faced by most instructors, experienced or new, creating an opportunity for them to learn from each other. It's main purpose is to provide a rich opportunity for both professional school and liberal arts instructors to develop their own discussion leadership skills, and to further the process of learning for both themselves and their students. [Publishers website]

Mechanism Design - Lung-Wen Tsai 2000-09-19
Traditionally, mechanisms are created by designer's intuition, ingenuity, and experience. However, such an ad hoc approach cannot ensure the identification of all possible design alternatives, nor does it necessarily lead to optimum design. Mechanism Design: Enumeration of Kinematic Structures According to Function introduces a methodology for systematic creation and classification of mechanisms. With a partly analytical and partly algorithmic approach, the author uses graph theory, combinatorial analysis, and computer algorithms to create kinematic structures of the same nature in a systematic and unbiased manner. He sketches mechanism structures, evaluating them with respect to the remaining functional requirements, and provides numerous atlases of mechanisms that can be used as a source of ideas for mechanism and machine design. He bases the book on the idea that some of the functional requirements of a desired mechanism can be transformed into structural characteristics that can be used for the enumeration of mechanisms. The most difficult problem most mechanical designers face at the conceptual design phase is the creation of design alternatives. Mechanism Design: Enumeration of Kinematic Structures According to Function presents you with a methodology that is not available in any other resource.

Languages for Specific Purposes in the Digital Era - Elena Bárcena 2013-12-05
Explores the direct relation of modern CALL (Computer-Assisted Language Learning) to aspects of natural language processing for

theoretical and practical applications, and worldwide demand for formal language education and training that focuses on restricted or specialized professional domains. Unique in its broad-based, state-of-the-art, coverage of current knowledge and research in the interrelated fields of computer-based learning and teaching and processing of specialized linguistic domains. The articles in this book offer insights on or analyses of the current state and future directions of many recent key concepts regarding the application of computers to natural languages, such as: authenticity, personalization, normalization, evaluation. Other articles present fundamental research on major techniques, strategies and methodologies that are currently the focus of international language research projects, both of a theoretical and an applied nature.

Murach's MySQL - Joel Murach 2015-03
This how-to guide to MySQL is perfect for beginning programmers or experienced developers. It shows how to code all the essential SQL statements for working with a MySQL database. It shows how to design a database, including how to use MySQL Workbench to create an EER model. It shows how to take advantage of relatively new MySQL features such as foreign keys, transactions, stored procedures, stored functions, and triggers. And it presents a starting set of skills for a database administrator (DBA). A must-have for anyone who works with MySQL.

Joe Celko's Thinking in Sets: Auxiliary, Temporal, and Virtual Tables in SQL - Joe Celko 2008-01-22
Perfectly intelligent programmers often struggle when forced to work with SQL. Why? Joe Celko believes the problem lies with their procedural programming mindset, which keeps them from taking full advantage of the power of declarative languages. The result is overly complex and inefficient code, not to mention lost productivity. This book will change the way you think about the problems you solve with SQL programs.. Focusing on three key table-based techniques, Celko reveals their power through detailed examples and clear explanations. As you master these techniques, you'll find you are able to conceptualize problems as rooted in sets and solvable through declarative programming.

Before long, you'll be coding more quickly, writing more efficient code, and applying the full power of SQL • Filled with the insights of one of the world's leading SQL authorities - noted for his knowledge and his ability to teach what he knows. • Focuses on auxiliary tables (for computing functions and other values by joins), temporal tables (for temporal queries, historical data, and audit information), and virtual tables (for improved performance). • Presents clear guidance for selecting and correctly applying the right table technique.

The State at Work - Hans-Ulrich Derlien 2009-01-01
Representing the most extensive research on public employment, these two volumes explore the radical changes that have taken place in the configuration of national public services due to a general expansion of public employment that was followed by stagnation and decreases. Part-time employment and the involvement of women also increased as a component of the public sector and were linked to the most important growth areas such as the educational, health care and personal social services sectors. The two volumes that make up this study shed important insight on these changes. Volume 1 offers a unique internationally comparative multi-dimensional analysis of ten public service systems belonging to different families of major advanced western countries. It contains the most comprehensive and comparable quantitative analyses available anywhere of ten public service systems; Britain, New Zealand, Australia, Canada, the US, Germany, Spain, France, Denmark and Sweden. Volume 2 is a comprehensive analysis of the ten public service systems, with in-depth comparisons of the systems along eight dimensions including central-regional-local government employment proportions and the change of the services since the 1950s with respect to social composition (gender, minorities, elites, career groups). Scholars and professionals in the fields of public administration, politics and economics will find this two-volume compendium informative and practical.

The Soup Sisters Cookbook - Sharon Hapton 2012-10-02
100 recipes arranged by season, The Soup Sisters Cookbook gives you heartwarming soups

to prepare and share throughout the year. The Soup Sisters Cookbook showcases scrumptious recipes from the "souper volunteers" of the Soup Sisters and recipes from many of Canada's top celebrity chefs--including Michael Stadtlander, Bonnie Stern, Lucy Waverman, Massimo Capra, Anna Olson, Michael Bonacini and Elizabeth Baird. With 100 recipes arranged by season, The Soup Sisters Cookbook is certain to appeal to soup-lovers everywhere! Soup Sisters are a Calgary-based non-profit enterprise founded in 2009. They are dedicated to making a tangible difference to the lives of women and children in need. Soup Sisters believe in the power of soup and the nutrition, comfort and warmth that the gift of soup can bring. This belief has resonated quickly and profoundly with communities across Canada, who come together through their local Soup Sisters events to cook, share and donate soup, to women's shelters in their community. The Soup Sisters' growing network has over 4,500 supporters, who collectively donate over 8,000 bowls of soup every month--over 75,000 bowls of soup have been donated to date.

Tails Carried High - Carmel Rowley 2009 After her mother's death Jessikah Lloyd throws caution to the wind, leaving England in search of her family history in Queensland, Australia. As distrubing secrets are revealed, Jessikah learns that, had her mother remained in Australia, she would been the fourth generation in a long line of Arabian horse breeders. Jessikah finds the ego-driven world of the Arabian hourse industry fascinating, but what she longs to know eludes her.

Digital Product Definition Data Practices - 2019