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Microsoft Azure SQL Data Warehouse-Tom Coffing 2015 "One of the most popular databases worldwide is Microsoft's SQL Server. Now Microsoft has introduced their MPP data warehouse system, designed for the cloud, called the Microsoft Azure SQL Data Warehouse. The Microsoft Azure Cloud is rapidly making T-SQL one of the standards of SQL among millions of companies. This book details the architecture of the Azure SQL Data Warehouse and the SQL commands available. This book is perfect for anyone who works with the Microsoft Azure SQL Data Warehouse. This book educates readers on how to create tables and indexes, how the data is distributed, and how the system process the data. Plus, it is followed up with over 700 pages of SQL examples and explanations. This book is a must have for anyone designing, implementing or querying the system." --

Automata, Computability and Complexity-Elaine Rich 2008 The theoretical underpinnings of computing form a standard part of almost every computer science curriculum. But the classic treatment of this material isolates it from the myriad ways in which the theory influences the design of modern hardware and software systems. The goal of this book is to change that. The book is organized into a core set of chapters (that cover the standard material suggested by the title), followed by a set of appendix chapters that highlight application areas including programming language design, compilers, software verification, networks, security, natural language processing, artificial intelligence, game playing, and computational biology. The core material includes discussions of finite state machines, Markov models, hidden Markov models (HMMs), regular expressions, context-free grammars, pushdown automata, Chomsky and Greibach normal forms, context-free parsing, pumping theorems for regular and context-free languages, closure theorems and decision procedures for regular and context-free languages, Turing machines, nondeterminism, decidability and undecidability, the Church-Turing thesis, reduction proofs, Post Correspondence problem, tiling problems, the undecidability of first-order logic, asymptotic dominance, time and space complexity, the Cook-Levin theorem, NP-completeness, Savitch's Theorem, time and space hierarchy theorems, randomized algorithms and heuristic search. Throughout the discussion of these topics there are pointers into the application chapters. So, for example, the chapter that describes reduction proofs of undecidability has a link to the security chapter, which shows a reduction proof of the undecidability of the safety of a simple protection framework.

Content Delivery Networks-Dom Robinson 2017-06-20 The definitive guide to developing robust content delivery networks This book examines the real-world engineering challenges of developing robust content delivery networks (CDNs) and provides the tools required to overcome those challenges and to ensure high-quality content delivery that fully satisfies operators' and consumers' commercial objectives. It is informed by the author's two decades of experience building and delivering large, mission-critical live video, webcasts, and radio streaming, online and over private IP networks. Following an overview of the field, the book cuts to the chase with in-depth discussions—laced with good-natured humor—of a wide range of design considerations for different network topologies. It begins with a description of the author's own requirement filtration processes. From there it moves on to initial sketches, through considerations of stakeholder roles and responsibilities, to the complex challenges of managing change in established teams. Agile versus waterfall considerations within large blue chip companies, security, commercial models, and value chain alignment are explored in detail. Featured throughout the book are numerous "what if" scenarios that help provide a clear picture of the wide spectrum of practical contexts for which readers may be tasked with building and implementing a CDN. In addition, the book: Discusses delivery of live, catch-up, scheduled on-demand, TVOD and SVOD Offers insights into the decisions that can to be made when architecting a content distribution system over IP-based networks Covers CDN topologies, including Edge-Caching, Streaming-Splitting, Pure-Play, Operator, Satellite, and Hybrid Examines computer hosting and orchestration for dedicated appliances and virtualization Includes real-world cases covering everything from IETF, regulatory considerations, and policy formation, to coding, hardware vendors, and network operators Considers the future of CDN technologies and the market forces driving its evolution Written by a back-room engineer for back-room engineers, Content Delivery Networks gets readers up to speed on the real-world challenges they can face as well as tried-and-true strategies for addressing those challenges in order to ensure the delivery of the high-quality content delivery networks that clients demand and users expect.

Telecommunications Abstracts- 1989

Approach Channels- 1997

The Mouse, the Monster and Me-Pat Palmer 2009-07-31 Teaches children, tweens, and teens how to assert themselves appropiately, gain self-esteem and have good relationships with adults, teachers and peers.

In Defence of Small States-Hannes H. Gissurarson 2017-12-01 The proliferation of small states is partly because economic integration has made political disintegration possible. Through the global free market, small nations can reap the benefits of international division of labour. Small states also tend to have more transparent political structures and a higher level of trust.

Computer Vision – ECCV 2018 Workshops-Laura Leal-Taixé 2019-01-22 The six-volume set comprising the LNCS volumes 11129-11134 constitutes the refereed proceedings of the workshops that took place in conjunction with the 15th European Conference on Computer Vision, ECCV 2018, held in Munich, Germany, in September 2018.43 workshops from 74 workshops proposals were selected for inclusion in the proceedings. The workshop topics present a good orchestration of new trends and traditional issues, built bridges into neighboring fields, and discuss fundamental technologies and novel applications.

History and Institutions, 3- 2020-05-18

Government Reports Annual Index- 1985

The Food Truck Handbook-David Weber 2012-04-03 How to start, grow, and succeed in the food truck business. Food trucks have become a wildly popular and important part of the hospitality industry. Consumers are flocking to these mobile food businesses in droves, inspiring national food truck competitions and even a show dedicated to the topic on The Food Network. The relatively low cost of entry as compared to starting a restaurant, combined with free and low-cost ways to market them to the masses via platforms like social media, are just two of the reasons that food truck business are drawing in budding entrepreneurs. Author David Weber, a food truck advocate and entrepreneur himself, is here to offer his practical, step-by-step advice to achieving your mobile food mogul dreams in The Food Truck Handbook. This book cuts through all of the hype to give both hopeful entrepreneurs and already established truck owners an accurate portrayal of life on the streets. From concept to gaining a loyal following to preventative maintenance on your equipment this book covers it all. Includes profiles of successful food trucks, detailing their operations, profitability, and scalability. Establish best practices for operating your truck using one-of-a-kind templates for choosing vending locations, opening checklist, closing checklist, and more. Create a sound business plan complete with a reasonable budget and finding vendors you can trust; consider daily operations in detail from start to finish, and ultimately expand your business. Stay lean and profitable by avoiding the most common operating mistakes. Author David Weber is Founder and President of the NYC Food Truck Association (NYCFTA), which brings together small businesses that own and operate premium food trucks in NYC focused on innovation in hospitality, high quality food, and community development.

Creating a Data-Driven Organization-Carl Anderson 2015-07-23 "What do you need to become a data-driven organization? Far more than having big data or a crack team of unicorn data scientists, it requires establishing an effective, deeply-ingrained data culture. This practical book shows you how true data-drivenness involves processes that require genuine buy-in across your company ... Through interviews and examples from data scientists and analytics leaders in a variety of industries ... Anderson explains the analytics value chain you need to adopt when building predictive business models"--Publisher's description.

Business Model Innovation-Nicolai J. Foss 2015-02-19 This volume examines the organisational dimension of business model innovation. Drawing on

organisational theory and empirical observation, the contributors specifically highlight organisational design aspects of business model innovation, focusing on how reward systems, power distributions, routines and standard operating procedures, the allocation of authority, and other aspects of organisational structure and control should be designed to support the business model the firm chooses.

Computer Architecture-John L. Hennessy 2002-05-29 This best-selling title, considered for over a decade to be essential reading for every serious student and practitioner of computer design, has been updated throughout to address the most important trends facing computer designers today. In this edition, the authors bring their trademark method of quantitative analysis not only to high performance desktop machine design, but also to the design of embedded and server systems. They have illustrated their principles with designs from all three of these domains, including examples from consumer electronics, multimedia and web technologies, and high performance computing. The book retains its highly rated features: Fallacies and Pitfalls, which share the hard-won lessons of real designers; Historical Perspectives, which provide a deeper look at computer design history; Putting it all Together, which present a design example that illustrates the principles of the chapter; Worked Examples, which challenge the reader to apply the concepts, theories and methods in smaller scale problems; and Cross-Cutting Issues, which show how the ideas covered in one chapter interact with those presented in others. In addition, a new feature, Another View, presents brief design examples in one of the three domains other than the one chosen for Putting It All Together. The authors present a new organization of the material as well, reducing the overlap with their other text, Computer Organization and Design: A Hardware/Software Approach 2/e, and offering more in-depth treatment of advanced topics in multithreading, instruction level parallelism, VLIW architectures, memory hierarchies, storage devices and network technologies. Also new to this edition, is the adoption of the MIPS 64 as the instruction set architecture. In addition to several online appendixes, two new appendixes will be printed in the book: one contains a complete review of the basic concepts of pipelining, the other provides solutions a selection of the exercises. Both will be invaluable to the student or professional learning on her own or in the classroom. Hennessy and Patterson continue to focus on fundamental techniques for designing real machines and for maximizing their cost/performance. * Presents state-of-the-art design examples including: * IA-64 architecture and its first implementation, the Itanium * Pipeline designs for Pentium III and Pentium IV * The cluster that runs the Google search engine * EMC storage systems and their performance * Sony Playstation 2 * Infiniband, a new storage area and system area network * SunFire 6800 multiprocessor server and its processor the UltraSPARC III * Trimedia TM32 media processor and the Transmeta Crusoe processor * Examines quantitative performance analysis in the commercial server market and the embedded market, as well as the traditional desktop market. Updates all the examples and figures with the most recent benchmarks, such as SPEC 2000. * Expands coverage of instruction sets to include descriptions of digital signal processors, media processors, and multimedia extensions to desktop processors. * Analyzes capacity, cost, and performance of disks over two decades. Surveys the role of clusters in scientific computing and commercial computing. * Presents a survey, taxonomy, and the benchmarks of errors and failures in computer systems. * Presents detailed descriptions of the design of storage systems and of clusters. * Surveys memory hierarchies in modern microprocessors and the key parameters of modern disks. * Presents a glossary of networking terms.

Advanced FPGA Design-Steve Kilts 2007-06-18 This book provides the advanced issues of FPGA design as the underlying theme of the work. In practice, an engineer typically needs to be mentored for several years before these principles are appropriately utilized. The topics that will be discussed in this book are essential to designing FPGA's beyond moderate complexity. The goal of the book is to present practical design techniques that are otherwise only available through mentorship and real-world experience.

Russia's Uncertain Economic Future-John P. Hardt 2015-04-15 The contributors to this volume analyze the present state of the Russian economy and its future prospects - which now seem brighter than at any previous time in the country's history. The Russian economy is now showing positive GDP growth and a positive balance of payments, portending a trend of sustained growth. The record of the Putin presidency with respect to the establishment of market-friendly legal and administrative environments is substantially positive. On the other side of the ledger, the contributors identify the persistence of monopolies in energy, transportation, and agriculture; distortions resulting from corruption, infrastructural inadequacies, and the maldistribution of political power and decision-making authority; demographic decline and the erosion of human capital as manifested in the health, education, and welfare of the population. Russia's successful development as a democratic society with a market economy is of great importance to its neighbors and to the global economy, and specifically to the United States, which is why the U.S. Congress commissioned these studies by expert analysts. This edition includes a comprehensive subject index, making the volume user-friendly.

Russia's Uncertain Economic Future- 2002

Private Capital for Private Companies-Christine Kaine 1998

Solidworks 2013 Bible-Matt Lombard 2013-02-15 A comprehensive resource packed with information for both beginners and advanced users SolidWorks is the leading 3D solid modeling software used in computer-aided design. It's powerful but not simple. This complete guide introduces beginners to the software but then goes far beyond, covering numerous details that advanced users have requested. Beginners will learn not only how the software works but why, while more experienced users will learn all about search criteria, Pack-and-Go, other file management concepts, and much more. A valuable companion website contains before and after real-world parts and assemblies along with many example files used in the text. Additionally, the text of the book is augmented by video tutorials with author voice-over which can be found on the website. SolidWorks is the leading 3D CAD program, and previous editions of this book have sold more than 33,000 copies Covers necessary information to give beginners a solid foundation in the software, including part and assembly modeling and 2D drawing techniques Addresses a wide range of advanced topics not treated in other books, including best practices, search criteria, Pack-and-Go, and other file management concepts Includes tutorials on both beginning and advanced topics, with videos; sample part, assembly, and drawing files; and before-and-after example files available on the companion website SolidWorks 2013 Bible is the ultimate resource on SolidWorks 2013, the book beginners can start with and advanced users will want to keep close at hand.

Global Financial Stability Report, October 2012: Restoring Confidence and Progressing on Reforms-International Monetary Fund. Monetary and Capital Markets Department 2012-11-30 The October 2012 Global Financial Stability Report (GFSR) finds increased risks to the global financial system, with the euro area crisis the principal source of concern, and urges policymakers to act now to restore confidence, reverse capital flight, and reintegrate the euro zone. This GFSR presents a report on whether regulatory reforms are moving the financial system in the right direction, and finds that progress has been limited, partly because many reforms are in the early stages of implementation and partly because crisis intervention methods are still in use in a number of economies, delaying the movement of the financial system onto a safer path. The final chapter examines whether certain aspects of financial structure enhance economic outcomes. Indeed, some structural features are associated with better outcomes. In particular, financial buffers made up of high-quality capital and truly liquid assets tend to be associated with better economic performance.

Minerals of Nevada-Stephen B. Castor 2012-03 The first complete guide to all the state's remarkably diverse minerals

Measures for Research and Evaluation in the English Language Arts-William T. Fagan 1975

Site Selectionn and Design for LNG Ports and Jetties- 1997-01

Professionalism in Local Government-John Nalbandian 1991-08-26

Structure and Interpretation of Computer Programs - 2nd Edition-Harold Abelson Structure and Interpretation of Computer Programs by Harold Abelson and Gerald Jay Sussman is licensed under a Creative Commons Attribution-NonCommercial 3.0 License.

Liquid Crystals of One- and Two-Dimensional Order-W. Helfrich 2012-12-06 This conference on liquid crystals of one- and two-dimensional order and their applications is the third in a series of European conferences devoted mainly to smectic liquid crystals. Its purpose was to bring together people working on the frontiers of the field of liquid crystals. Ordinary nematic liquid crystals were left out in order to limit the size of the meeting. The number of registered participants still reached 148. The conference shed new light on the classification of smectic mesophases, especially through the interaction of the Halle (GDR) and Hull (England) groups. It saw lively discussions on the famous blue phase of cholesterics. There were illuminating presentations on lyotropic nematic liquid crystals, on reentrant nematics, mesomorphic polymer phases, and related subjects. Much room was given to bilayers, monolayers, and interfaces, mostly to further the use of the concepts and methods of liquid crystal physics in exploring bio membranes. Other topics were device applications of smectic and cholesteric liquid crystals and nematic polymers, both of which hold promise of techno logical breakthroughs, apart from their scientific interest.

My Favorite Tractor-Barrons Juveniles 2011-04-01 A farmer is working on the farm when he finds a cow that is in need of help, in a tractor-shaped book. On board pages.

Exam 98-369 Cloud Fundamentals-Microsoft Official Academic Course 2016-02-01 This exam measures your ability to accomplish technical tasks such as understanding the cloud; enabling Microsoft cloud services; administering Office 365 and Microsoft Intune; using and configuring Microsoft cloud services; and supporting cloud users. Students who are beginning studies in technology need a strong foundation in the basics before moving on to more advanced technology courses and certification programs. The Microsoft Technology Associate (MTA) is a new and innovative certification track designed to provide a pathway for future success in technology courses and careers. The MTA program curriculum helps instructors teach and validate fundamental technology

concepts and provides students with a foundation for their careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. Students will learn key cloud services and terminology, Microsoft cloud services, Microsoft Office 365 and Intune administration, and the ability to use, configure, or support parts of other key Microsoft technologies for cloud services including SharePoint Online, Skype for Business Online, Exchange Online, and OneDrive.

Computer Vision – ECCV 2016-Bastian Leibe 2016-09-16 The eight-volume set comprising LNCS volumes 9905-9912 constitutes the refereed proceedings of the 14th European Conference on Computer Vision, ECCV 2016, held in Amsterdam, The Netherlands, in October 2016. The 415 revised papers presented were carefully reviewed and selected from 1480 submissions. The papers cover all aspects of computer vision and pattern recognition such as 3D computer vision; computational photography, sensing and display; face and gesture; low-level vision and image processing; motion and tracking; optimization methods; physics-based vision, photometry and shape-from-X; recognition: detection, categorization, indexing, matching; segmentation, grouping and shape representation; statistical methods and learning; video: events, activities and surveillance; applications. They are organized in topical sections on detection, recognition and retrieval; scene understanding; optimization; image and video processing; learning; action activity and tracking; 3D; and 9 poster sessions.

Five Rules for Tomorrow's Cities-Patrick M. Condon 2020-01-16 As urban designers respond to the critical issue of climate change they must also address three cresting cultural waves: the worldwide rural-to-urban migration; the collapse of global fertility rates; and the disappearance of the middle class. In Five Rules for Tomorrow's Cities, planning and design expert Patrick Condon offers five rules to help urban designers assimilate these interconnected changes into their work: (1) See the City as a System; (2) Recognize Patterns in the Urban Environment; (3) Apply Lighter, Greener, Smarter Infrastructure; (4) Strengthen Social and Economic Urban Resilience; and (5) Adapt to Shifts in Jobs, Retail, and Wages. Five Rules for Tomorrow's Cities provides grounded and financially feasible design examples for tomorrow's sustainable cities, and the design tools needed to achieve them.

Thermogeology- 2018-05 The science of 'thermogeology' is associated with the study of the storage and transfer of low-enthalpy heat in the relatively shallow geological environment. It is characterized by several analogies with groundwater flow theory; indeed, modern hydrogeology has roots in heat flow theory. Heat conduction is governed by Fourier's Law and is directly analogous to Darcy's (groundwater) Law. Groundwater head, hydraulic conductivity and storage have thermogeological analogues in temperature, thermal conductivity and volumetric heat capacity. Advection of heat with groundwater flow is directly analogous to the advective transport of a reversibly sorbed, retarded contaminant. Geothermal technology relies on the fact that the Earth (beneath the surface) remains at a relatively constant temperature throughout the year, warmer than the air above it during the winter and cooler in the summer, very much like a cave. The geothermal heat pump takes advantage of this by transferring heat stored in the Earth or in ground water into a building during the winter, and transferring it out of the building and back into the ground during the summer. This book covers state-of-the-art understanding of the emerging technology of ground source heating and cooling. Technical and economic development of these technologies are improved exploration and resource/reservoir characterization, lower-cost drilling techniques, reservoir engineering (obtaining the required fluid flow) and more efficient power conversion. Geothermal energy's largest contribution to the world's energy market is through direct use applications such as process heat, thermal desalination and heating and cooling (via adsorption chillers) of buildings. Direct use applications can access low temperature HSA, EGS or convective hydrothermal systems and have the advantage of not needing the very high flow rates or temperatures needed for electricity generation because of the higher efficiencies of direct use applications. Thermogeology will upkeep engineers, geologists, architects, planners and regulators with the fundamental skills needed to manipulate the ground's huge capacity to store, supply and receive heat, and to implement technologies (such as heat pumps) to exploit that capacity for space heating and cooling. They will understand the importance of the technology and wish to obtain fundamental theoretical and practical understanding and design skills.

The Book of Hebrews-M.L. Andreasen 2014-03-24 The book of Hebrews appeared during a critical time in the history of the early church. The destruction of Jerusalem was impending and many of the believers believed the end of the world was near. However, Paul warned the church against entertaining a false hope, for he knew they were misguided with their beliefs. It was a critical time—the apostles were passing away, and soon the church would be left alone. It was in this hour of perplexity that the book of Hebrews appeared with needed light and comfort. The people needed a clear conception of the work Christ was doing for them in the courts above, and this book explained the delay in His return, and restored their wavering faith. The conditions and problems which the church then had to meet are not unlike those facing the church today. While the early church was living at the time of the fulfillment of the first part of Christ's prophecy—the destruction of the city of Jerusalem and the temple, we are living at the time of the fulfillment of the second part of the prophecy—the coming of the Lord Jesus in the clouds of heaven. As there was misconceptions of Christ's work in the sanctuary then, so there are those now who likewise err. There is as much need today of a thorough study of the Scriptures as there was then, and more so. The book of Hebrews was a great factor in stabilizing the apostolic church in the crisis hour before the fall of Jerusalem, and it is hoped that a discussion of the mighty themes of the book of Hebrews will be of some help to the church of God today. All need to have their eyes fastened on our great High Priest and the work He is doing in the sanctuary above. And may it be the blessed privilege of many with "boldness to enter into the holiest by the blood of Jesus, by a new and living way, which he hath consecrated for us, through the veil, that is to say, his flesh." (Heb. 10:19, 20.) This was the prayer and hope of the author of Hebrews, and this also is the hope of the author of this volume.

Living Fearlessly-Rachel Henke 2017-11-04 What if everything you ever learned about fear was wrong? If you've been trying to fight your fears only to find yourself more fearful than ever, this book was written for you. If you're tired of seeking the magic formula for a happier, less stressful life, then your search is finally over. The great news is you already have everything you need within you to be bold, creative and courageous. In this book you'll discover how you're beautifully equipped to live the life and achieve what you want. Living Fearlessly is your guide to effortless living. Once understood, life will never feel like a battle again.

Gold Deposits of the Carlin Trend-Tommy B. Thompson 2002

An Ocean of Static-J. R. Carpenter 2018-04-24

One Hundred Ways to Save Tax in Malaysia for Property Investors-Richard Thornton (Accountant) 2015

Human Matters-Steven Kalas 2008 In his newspaper column, Human Matters, Steven Kalas answers readers' questions and adds his musings about life, love, family, ethics, sex, culture, art, philosophy, religion, celebration and suffering - from the most noble aspects of the human experience to its deepest, darkest secrets. He allows us to look through his unique and quirky lenses to see his view of the world. Reading Human Matters is like talking with a therapist, writer, philosopher, father, former priest, performing singer/songwriter, and an amateur stand-up comic. Kalas is all of those things. Infusing his writings on everything from sexuality to hockey violence, are the repeating themes of personal integrity, responsibility, loyalty, spiritual enlightenment, and just being the best you that you can be. Being human demands of us, that we act like human beings, and not lesser creatures. Or as Kalas wrote in a recent column, 'I can't prove that being human matters. But I've decided to live as if it does'.

Notes on Ore Deposits at Cave Valley, Patterson District, Lincoln County, Nevada-Frank Charles Schrader 1931

Go! All in One-Shelley Gaskin 2014 Intended primarily for courses in computer concepts and office applications, this text also provides practical content to current and aspiring industry professionals. This book teaches computer concepts and applications together. It engages readers rightaway by using a jobs-focused approach that integrates computer concepts and applications into practical combinations of concepts and skills in the context of a job. With this approach, readers learn how to work in the real world where they will solve problems using computer concepts and skills related to the Internet, Microsoft Office 2013 applications, collaboration, social media, and cloud computing.

Rural Energy in Developing Countries- 1995

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ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDRENâ€™S YOUNG ADULT FANTASY HISTORICAL