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Legal Knowledge Representation: Automatic Text Analysis in Public International and European Law Sep 11 2022 This volume is a presentation of all methods of legal knowledge representation from the point of view of jurisprudence as well as computer science. A new method of automatic analysis of legal texts is presented in four case studies. Law is seen as an information system with legally formalised information processes. The achieved coverage of legal knowledge in information retrieval systems has to be followed by the next step: conceptual indexing and automatic analysis of texts. Existing approaches of automatic knowledge representations do not have a proper link to the legal language in information systems. The concept-based model for semi-automatic analysis of legal texts provides this necessary connection. The knowledge base of descriptors, context-sensitive rules and meta-rules formalises properly all important passages in the text corpora for automatic analysis. Statistics and self-organising maps give assistance in knowledge acquisition. The result of the analysis is organised with automatically generated hypertext links. Four case studies show the huge potential but also some drawbacks of this approach.

Frattura ed Integrità Strutturale: Annals 2014 Aug 18 2020

Pharmacy on a Bicycle Jul 21 2023 Every four minutes, over 50 children under the age of five die. In the same four minutes, 2 mothers lose their lives in childbirth. Every year, malaria kills nearly 1.2 million people, despite the fact that it can be prevented with a mosquito net and treated for less than \$1.50. Sadly, this list goes on and on. Millions are dying from diseases that we can easily and inexpensively prevent, diagnose, and treat. Why? Because even though we know exactly what people need, we just can't get it to them. They are dying not because we can't solve a medical problem but because we can't solve a logistics problem. In this profoundly important book, Eric G. Bing and Marc J. Epstein lay out a solution: a new kind of bottom-up health care that is delivered at the source. We need microclinics, micropharmacies, and microentrepreneurs located in the remote, hard-to-reach communities they serve. By building a new model that "scales down" to train and incentivize all kinds of health-care providers in their own villages and towns, we can create an army of on-site professionals who can prevent tragedy at a fraction of the cost of top-down bureaucratic programs. Bing and Epstein have seen the model work, and they provide example after example of the extraordinary results it has achieved in Africa, Asia, and Latin America. This is a book about taking health care the last mile—sometimes literally—to prevent widespread, unnecessary, and easily avoided death and suffering. *Pharmacy on a Bicycle* shows how the same forces of innovation and entrepreneurship that work in first-world business cultures can be unleashed to save the lives of millions.

Solutions Manual to Accompany How to Read and Do Proofs Jan 03 2022

The Art of SEO Dec 02 2021 Three acknowledged experts in search engine optimization share guidelines and innovative techniques that will help you plan and execute a comprehensive SEO strategy. Complete with an array of effective tactics from basic to advanced, this fourth edition prepares digital marketers for 2023 and beyond with updates on SEO tools and new search engine optimization methods that have reshaped the SEO landscape, including how generative AI can be used to support SEO and SEO-related tasks. Novices will receive a thorough SEO education, while experienced SEO practitioners get an extensive reference to support ongoing engagements. Learn about the various intricacies and complexities of internet search Explore the underlying theory and inner workings of search engines and their algorithms Understand the interplay between social media engagement and other factors Discover tools to track results and measure success Examine the effects of key Google algorithm updates Consider opportunities for visibility in mobile, local, vertical, social, and voice search Build a competent SEO team with defined roles Identify what opportunities exist for using generative AI as part of an SEO program Gain insights into the future of search and internet discoverability

Retrofitting Suburbia, Updated Edition Sep 18 2020 Updated with a new Introduction by the authors and a foreword by Richard Florida, this book is a comprehensive guide book for urban designers, planners, architects, developers, environmentalists, and community leaders that illustrates how existing suburban developments can be redesigned into more urban and more sustainable places. While there has been considerable attention by practitioners and academics to development in urban cores and new neighborhoods on the periphery of cities, there has been little attention to the redesign and redevelopment of existing suburbs. The authors, both architects and noted experts on the subject, show how development in existing suburbs can absorb new growth and evolve in relation to changed demographic, technological, and economic conditions. *Retrofitting Suburbia* was named winner in the Architecture & Urban Planning category of the 2009 American Publishers Awards for Professional and Scholarly Excellence (The PROSE Awards) awarded by The Professional and Scholarly Publishing (PSP) Division of the Association of American Publishers

The American illustrated medical dictionary. 1900 |[1st ed.] Dec 22 2020

Catalogue of Title-entries of Books and Other Articles Entered in the Office of the Librarian of Congress, at Washington, Under the Copyright Law ... Wherein the Copyright Has Been Completed by the Deposit of Two Copies in the Office Oct 20 2020

IBM PowerHA SystemMirror V7.2 for IBM AIX Updates Jul 09 2022 This IBM® Redbooks® publication addresses topics to help answer customers' complex high availability requirements to help maximize systems availability and resources, and provide documentation to transfer the how-to-skills to the worldwide sales and support teams. This publication helps strengthen the position of the IBM PowerHA® SystemMirror® solution with a well-defined and documented deployment models within an IBM Power Systems™ virtualized environment, providing customers a planned foundation for business resilient infrastructure solutions. This book describes documentation, and other resources available to help the technical teams provide business resilience solutions and support with the IBM PowerHA SystemMirror Standard and Enterprise Editions on IBM Power Systems. This publication targets technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing high availability solutions and support with IBM PowerHA SystemMirror Standard and Enterprise Editions on IBM Power Systems.

Informatica e diritto Apr 13 2020

Professional C# 7 and .NET Core 2.0 Aug 30 2021 The professional's guide to C# 7, with expert guidance on the newest features *Professional C# 7 and .NET Core 2.0* provides experienced programmers with the information they need to work effectively with the world's leading programming language. The latest C# update added many new features that help you get more done in less time, and this book is your ideal guide for getting up to speed quickly. *C# 7* focuses on data consumption, code simplification, and performance, with new support for local functions, tuple types, record types, pattern matching, non-nullable reference types, immutable types, and better support for variables. Improvements to Visual Studio will bring significant changes to the way C# developers interact with the space, bringing .NET to non-Microsoft platforms and incorporating tools from other platforms like Docker, Gulp, and NPM. Guided by a leading .NET expert and steeped in real-world practicality, this guide is designed to get you up to date and back to work. With Microsoft speeding up its release cadence while offering more significant improvement with each update, it has never been more important to get a handle on new tools and features quickly. This book is designed to do just that, and more—everything you need to know about C# is right here, in the single-volume resource on every developer's shelf. Tour the many new and enhanced features packed into *C# 7 and .NET Core 2.0* Learn how the latest Visual Studio update makes developers' jobs easier Streamline your workflow with a new focus on code simplification and performance enhancement Delve into improvements made for localization, networking, diagnostics, deployments, and more Whether you're entirely new to C# or just transitioning to *C# 7*, having a solid grasp of the latest features allows you to exploit the language's full functionality to create robust, high-quality apps. *Professional C# 7 and .NET Core 2.0* is the one-stop guide to everything you need to know.

Microsoft Mapping Second Edition Aug 22 2023 This 200 page revised edition of Microsoft Mapping includes the latest details about SQL Server 2014 and the new 3D and Streetside-capable map control for Windows 10 applications. It contains updated chapters on Microsoft Azure and Power Map for Excel plus a new chapter on Bing Maps for Universal Windows. The book tells a story, from beginning to end, of planning and deploying a single geospatial application built using Microsoft technologies from end-to-end. Readers are expected to have basic familiarity with the fundamentals of developing for Microsoft platforms (some understanding of basic SQL, C#, .NET, and WCF); as readers work through the book they will build on their existing skills so that they will be able to deploy geospatial applications for social networking, data collection, enterprise management, or other purposes. Microsoft Mapping Second Edition provides: The only full book for developers who want to create location-aware apps using the Windows 10 platform Fully working code samples that show the concepts in use with ASP.NET 4.5 and Windows 10. Complete solutions to the common problems of geospatial development: visualization, hosting and localization of services are all explained. Demonstrates how the Bing Maps API can be connected to the Azure Cloud in order to provide a stand-alone mapping bolt-on with little additional up-front cost and great reliability. Unique coverage of how the Bing Maps API can be implanted within Windows and Windows Phone applications for Windows 10 applications to provide a robust service tailored to the capabilities of each device. Coverage of the new Windows 10 Bing Maps control, which supports viewing Streetside and aerial data.

The Future of the Military Services and Consequences of Defense Sequestration Jan 15 2023

Problems And Solutions In Mathematical Olympiad (High School 3) Apr 06 2022 The series is edited by the head coaches of China's IMO National Team. Each volume, catering to different grades, is contributed by the senior coaches of the IMO National Team. The Chinese edition has won the award of Top 50 Most Influential Educational Brands in China. The series is created in line with the mathematics cognition and intellectual development levels of the students in the corresponding grades. All hot mathematics topics of the competition are included in the volumes and are organized into chapters where concepts and methods are gradually introduced to equip the students with necessary knowledge until they can finally reach the competition level. In each chapter, well-designed problems including those collected from real competitions are provided so that the students can apply the skills and strategies they have learned to solve these problems. Detailed solutions are provided selectively. As a feature of the series, we also include some solutions generously offered by the members of Chinese national team and national training team.

Lordship Salvation Mar 17 2023 A powerfully biblical and thorough answer to the Lordship Salvation controversy. There is no more important issue than how to become a Christian. Lordship Salvation is a view that has confused many people about the nature of the gospel itself. Based on a Ph.D. dissertation, this is an academic and biblical response to the Lordship view. - The crucial issues of faith, repentance, lordship, and discipleship - Over 65 important passages explained - A helpful Scripture index - Can be used as a textbook - Retains its original academic form and content You will find out how Lordship Salvation undermines the assurance of Christians as you gain a new confidence in the gospel of God's sure salvation. Read it, use it as a Bible study reference, or teach from it; it is a valuable resource in a critical and controversial issue. Charles C. Bing obtained his Ph.D. from Dallas Theological Seminary. As founder and president of GraceLife Ministries he is active as an author, conference speaker, and adjunct professor.

Learning Microsoft Cognitive Services May 19 2023 Build smarter applications with AI capabilities using Microsoft Cognitive Services APIs without much hassle Key Features Explore the Cognitive Services APIs for building machine learning applications Build applications with computer vision, speech recognition, and language processing capabilities Learn to implement human-like cognitive intelligence for your applications Book Description Microsoft Cognitive Services is a set of APIs for adding intelligence to your application and leverage the power of AI to solve any business problem using the cognitive capabilities. This book will be your practical guide to working with cognitive APIs developed by Microsoft and provided with the Azure platform to developers and businesses. You will learn to integrate the APIs with your applications in Visual Studio. The book introduces you to about 24 APIs including Emotion, Language, Vision, Speech, Knowledge, and Search among others. With the easy-to-follow examples you will be able to develop applications for image processing, speech recognition, text processing, and so on to enhance the capability of your applications to perform more human-like tasks. Going ahead, the book will help you work with the datasets that enable your applications to process various data in form of image, videos, and texts. By the end of the book, you will get confident to explore the Cognitive Services APIs for your applications and make them intelligent for deploying in businesses. What you will learn Identify a person through visual and audio inspection Reduce user effort by utilizing AI-like capabilities Understand how to analyze images and texts in different ways Analyze images using Vision APIs Add video analysis to applications using Vision APIs Utilize Search to find anything you want Analyze text to extract information and explore text structure Who this book is for Learning Microsoft Cognitive Services is for developers and machine learning enthusiasts who want to get started with building intelligent applications without much programming knowledge. Some prior knowledge of .NET and Visual Studio will help you undertake the tasks explained in this book.

Christian Ethics Nov 20 2020 What does the Bible teach about how to live in today's world? Best-selling author and professor Wayne Grudem distills over forty years of teaching experience into a single volume aimed at helping readers apply a biblical worldview to difficult ethical issues, including wealth and poverty, marriage and divorce, birth control, abortion, euthanasia, homosexuality, business practices, environmental stewardship, telling the truth, knowing God's will, understanding Old Testament laws, and more.

The World Wide Wi-Fi Nov 01 2021 Your success guide to the next wireless revolution The next watershed innovation in wireless technology is here: IEEE 802.11 wireless local area networks (LANs). Recent studies from IDC indicate that the Wi-Fi wireless LAN market will likely account for ninety percent of projected LAN equipment revenues by 2005—a trend that promises to spill over into home wireless networks. Yet this amazing growth has also created confusion: Which version of 802.11 is best for vendors and end-users? What about solutions such as the a/g and a/b combinations of the 802.11 standards? In *World Wide Wi-Fi: Technological Trends and Business Strategies*, Teik-Kheong (TK) Tan and Benny Bing provide a clear, accessible road map of the Wi-Fi wireless LAN market. Unlike most books on wireless local area networks (WLANs), this must-have resource explains both the business and technology of WLANs, and offers ready-to-use tactics and strategies for thriving in this lucrative field. Along the way, you'll also gain insight into the emerging Wi-Fi standards. *World Wide Wi-Fi* presents: * Key technological issues related to the design and deployment of Wi-Fi wireless LANs * An insider's look at market dynamics, market segmentation, service provider, enterprise, and chipset strategies * The interrelationship between the 802.11a, b, and g standards * And much more Supported by real statistics and case studies, plus profiles of suppliers, regulators, and other market players, this one-of-a-kind guide helps you create effective market penetration strategies and evaluate vendor-specific features. Ultimately, *World Wide Wi-Fi* defines the 802.11 market: its rapid expansion, its challenges, and its future. Most of all, it's your invitation to profit from everything that this red-hot industry has to offer.

Books and Pamphlets, Including Serials and Contributions to Periodicals Jan 23 2021

Optimization of Solid-Phase Combinatorial Synthesis Feb 21 2021 "Addresses the key topic in combinatorial synthesis--how to optimize the quality of a combinatorial library--by determining the usefulness of synthesized compounds, the reliability of biological assay results, and analyzing academic and industrial applications, real-world examples, and case studies of successful and unsuccessful technologies."

Azure for Architects Nov 13 2022 Build and design multiple types of applications that are cross-language, platform, and cost-effective by understanding core Azure principles and foundational concepts Key Features Get familiar with the different design patterns available in Microsoft Azure Develop Azure cloud architecture and a pipeline management system Get to know the security best practices for your Azure deployment Book Description Thanks to its support for high availability, scalability, security, performance, and disaster recovery, Azure has been widely adopted to create and deploy different types of application with ease. Updated for the latest developments, this third edition of *Azure for Architects* helps you get to grips with the core concepts of designing serverless architecture, including containers, Kubernetes deployments, and big data solutions. You'll learn how to architect solutions such as serverless functions, you'll discover deployment patterns for containers and Kubernetes, and you'll explore large-scale big data processing using Spark and Databricks. As you advance, you'll implement DevOps using Azure DevOps, work with intelligent solutions using Azure Cognitive Services, and integrate security, high availability, and scalability into each solution. Finally, you'll delve into Azure security concepts such as OAuth, OpenConnect, and managed identities. By the end of this book, you'll have gained the confidence to design intelligent Azure solutions based on containers and serverless functions. What you will learn Understand the components of the Azure cloud platform Use cloud design patterns Use enterprise security guidelines for your Azure deployment Design and implement serverless and integration solutions Build efficient data solutions on Azure Understand container services on Azure Who this book is for If you are a cloud architect, DevOps engineer, or a developer looking to learn about the key architectural aspects of the Azure cloud platform, this book is for you. A basic understanding of the Azure cloud platform will help you grasp the concepts covered in this book more effectively.

Cyberspace in Peace and War, Second Edition Jun 27 2021 This updated and expanded edition of *Cyberspace in Peace and War* by Martin C. Libicki presents a comprehensive understanding of cybersecurity, cyberwar, and cyberterrorism. From basic concepts to advanced principles, Libicki examines the sources and consequences of system compromises, addresses strategic aspects of cyberwar, and defines cybersecurity in the context of military operations while highlighting unique aspects of the digital battleground and strategic uses of cyberwar. This new edition provides updated analysis on cyberespionage, including the enigmatic behavior of Russian actors, making this volume a timely and necessary addition to the cyber-practitioner's library. *Cyberspace in Peace and War* guides readers through the complexities of cybersecurity and cyberwar and challenges them to understand the topics in new ways. Libicki provides the technical and geopolitical foundations of cyberwar necessary to understand the policies, operations, and strategies required for safeguarding an increasingly online infrastructure.

Pro SharePoint 2010 Solution Development Jun 20 2023 This book takes a practical problem-solution approach to common business challenges. You'll not only encounter interesting code samples, but also see how to combine these examples with the Microsoft collaboration platform's services. The book's solutions focus on using Visual Studio 2008 and its built-in Office development tools to construct the user interface layer. And solutions can interact with SharePoint as a service provider, taking advantage of SharePoint's many collaboration features like document repositories, collaboration sites, and search functions. This book is unique because it starts with challenges that end users deal with every day when using the Microsoft collaboration platform to support business processes. The solutions are presented as hypothetical business challenges of a fictional company. By presenting the examples in this context, author Ed Hild makes it easier to relate to the challenges and solution value. The goal of these examples is to build applications that apply the benefits of the Office desktop interface to the richness of SharePoint collaboration features. This book will help you develop real-world solutions to complex business problems and challenges.

Extended Stability for Parenteral Drugs Apr 25 2021 When caring for patients, medication stability should be the least of your worries. *Extended Stability for Parenteral Drugs, Fifth Edition*, is the indispensable go-to reference for anyone working in alternate site infusion or preparing sterile compounds. This new edition will help you safely extend beyond-use dating of parenteral medications to minimize waste and reduce costs. What's New in This Edition? • 160 updated monographs, including 10 new to this edition: o Acetaminophen o Ceftaroline fosamil o Coagulation Factor XIII o Doripenem o Ethanol lock o Ibuprofen o Pantoprazole o Telavancin o Tocilizumab o Ziconotide acetate • 24 parenteral nutrition monographs include additional considerations for calcium and phosphate solubility. • Monograph updates include revisions to several container types and new information for elastometric infusion device brands. The Applying Stability Data in Patient Care section now includes a nursing perspective, a primer on the types of vascular access devices used in medication administration, and important considerations for pH, osmolality, concentration, and administration devices. With expanded tables and enhanced references, *Extended Stability for Parenteral Drugs, Fifth Edition*, is the only publication that brings key stability data on the most commonly used IV solutions, medications, and administration devices, together in one convenient, easy-to-use guide.

Encyclopedia of Television Shows, 1925 through 2010, 2d ed. Mar 25 2021 This fully updated and expanded edition covers over 10,200 programs, making it the most comprehensive documentation of television programs ever published. In addition to covering the standard network and cable entertainment genres, the book also covers programs generally not covered elsewhere in print (or even online), including Internet series, aired and unaired pilot films, erotic series, gay and lesbian series, risqué cartoons and experimental programs from 1925 through 1945.

"The" Library of Cornell University May 15 2020

Catalog of Copyright Entries, Third Series May 27 2021 The record of each copyright registration listed in the Catalog includes a description of the work copyrighted and data relating to the copyright claim (the name of the copyright claimant as given in the application for registration, the copyright date, the copyright registration number, etc.).

Underwater Acoustic Modeling and Simulation, Fourth Edition Sep 30 2021 *Underwater Acoustic Modeling and Simulation, Fourth Edition* continues to provide the most authoritative overview of currently available propagation, noise, reverberation, and sonar-performance models. This fourth edition of a bestseller discusses the fundamental processes involved in simulating the performance of underwater acoustic systems and emphasizes the importance of applying the proper modeling resources to simulate the behavior of sound in virtual ocean environments. New to the Fourth Edition Extensive new material that addresses recent advances in inverse techniques and marine-mammal protection Problem sets in each chapter Updated and expanded inventories of available models Designed for readers with an understanding of underwater acoustics but who are unfamiliar with the various aspects of modeling, the book includes sufficient mathematical derivations to demonstrate model formulations and provides guidelines for selecting and using the models. Examples of each type of model illustrate model formulations, model assumptions, and algorithm efficiency. Simulation case studies are also included to demonstrate practical applications. Providing a thorough source of information on modeling resources, this book examines the translation of our physical understanding of sound in the sea into mathematical models that simulate acoustic propagation, noise, and reverberation in the ocean. The text shows how these models are used to predict and diagnose the performance of complex sonar systems operating in the undersea environment.

Microsoft Mapping Dec 14 2022 Geospatial mapping applications have become hugely popular in recent years. With smart-phone and tablet numbers snow-balling this trend looks set to continue well into the future. Indeed, it is true to say that in today's mobile world location-aware apps are becoming the norm rather than the exception. In *Microsoft Mapping* author Ray Rischpater showcases Microsoft's Bing Maps API and demonstrates how its integration features make it by far the strongest mapping candidate for business that are already using Windows 8 or the .NET Framework. Whether you want to build a new app from scratch or add a few modest geospatial features to your existing website Ray's carefully chosen examples will provide you with both the inspiration and the code you need to achieve your goals. What you'll learn Fully working code samples that show the concepts in use with ASP.NET 4.5, Windows 8 and Windows Phone. Complete solutions to the common problems of geospatial development: visualisation, hosting and localization of services are all explained. Demonstrates how the Bing Maps API can be connected to the Azure Cloud in order to provide a stand-alone mapping bolt-on with little additional up-front cost and great reliability. Unique coverage of how the Bing Maps API can be implanted within Windows Phone and iOS apps to provide a robust service tailored to the capabilities of each device. Who this book is for This book is for experienced Microsoft developers with a grounding in C# and .NET together with a basic understanding of WCF. Table of Contents Getting Started with Microsoft and Mapping Painless Hosting with Azure Geospatial with Azure SQL Database Hosting WCF Services on Windows Azure Map Visualization with Bing Maps for the Web Doing More with Bing Maps Bing Maps for WPF Bing Maps for Windows Store Apps Bing Maps for Windows Phone 8 Power Map for Excel

BoogarLists | Directory of Marketing Services Aug 10 2022

Catalog of Copyright Entries. Third Series Mar 05 2022

Mastering Microsoft Windows 7 Administration Jun 15 2020 A comprehensive guide for IT administrators deploying Windows 7 Using a task-focused approach and clear, no-nonsense instructions, this book delivers all the information you'll need to deploy and manage Windows 7 efficiently and securely. Learn how to install, configure, run, and troubleshoot Windows 7; explore advanced networking, security, and other advanced topics. Delivers the information IT administrators need to deploy and manage Windows 7 successfully Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Covers how to install, configure, run, and troubleshoot Windows 7 and also explores advanced networking, security, and more Uses a task-based approach, so you have plenty of real-world examples and exercises to help you understand concepts All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use.

Agriculture Handbook Jul 17 2020 Set includes revised editions of some issues.

Underwater Acoustic Modelling and Simulation, Third Edition Jul 29 2021 *Underwater Acoustic Modeling and Simulation* examines the translation of our physical understanding of sound in the sea into mathematical models that can simulate acoustic propagation, noise and reverberation in the ocean. These models are used in a variety of research and operational applications to predict and diagnose the performance of complex sonar systems operating in the undersea environment. Previous editions of the book have provided invaluable guidance to sonar technologists, acoustical oceanographers and applied mathematicians in the selection and application of underwater acoustic models. Now that simulation is fast becoming an accurate, efficient and economical alternative to field-testing and at-sea training, this new edition will also provide useful guidance to systems engineers and operations analysts interested in

simulating sonar performance. Guidelines for selecting and using available propagation, noise and reverberation models are highlighted. Specific examples of each type of model are discussed to illustrate model formulations, assumptions and algorithm efficiency. Instructive case studies demonstrate applications in sonar simulation.

IBM Spectrum Scale Erasure Code Edition: Planning and Implementation Guide Apr 18 2023 This IBM® Redpaper introduces the IBM Spectrum® Scale Erasure Code Edition (ECE) as a scalable, high-performance data and file management solution. ECE is designed to run on any commodity server that meets the ECE minimum hardware requirements. ECE provides all the functionality, reliability, scalability, and performance of IBM Spectrum Scale with the added benefit of network-dispersed IBM Spectrum Scale RAID, which provides data protection, storage efficiency, and the ability to manage storage in hyperscale environments that are composed from commodity hardware. In this publication, we explain the benefits of ECE and the use cases where we believe it fits best. We also provide a technical introduction to IBM Spectrum Scale RAID. Next, we explain the key aspects of planning an installation, provide an example of an installation scenario, and describe the key aspects of day-to-day management and a process for problem determination. We conclude with an overview of possible enhancements that are being considered for future versions of IBM Spectrum Scale Erasure Code Edition. Overall knowledge of IBM Spectrum Scale Erasure Code Edition is critical to planning a successful storage system deployment. This paper is targeted toward technical professionals (consultants, technical support staff, IT Architects, and IT Specialists) who are responsible for delivering cost effective storage solutions. The goal of this paper is to describe the benefits of using IBM Spectrum Scale Erasure Code Edition for the creation of high performing storage systems.

Solution and Surface Polymerization May 07 2022 Comprising one volume of Functional and Modified Polymeric Materials, Two-Volume Set, this well-organized collection of papers by Professor Eli Ruckenstein and co-workers focuses on functional and modified polymeric materials prepared mainly through solution polymerization and surface polymerization. Although solution polymerization has been broadly utilized for the preparation of polymeric materials, the book shows significant approaches to special classes of polymeric materials including functional polymers by living ionic polymerization, degradable and decrosslinkable polymers, semi- and interpenetrating polymer network pervaporation membranes, and soluble conducting polymers. It also focuses on preparing and modifying conductive surface of polymer or polymer-based materials.

Routledge Library Editions: Phonetics and Phonology Feb 16 2023 This set of 23 volumes, originally published between 1952 and 1996, amalgamates a wide breadth of research on the subject of phonetics and phonology, including studies on the axiomatic method, nonlinear phonology, and prosodic phonology. This collection of books from some of the leading scholars in the field provides a comprehensive overview of the subject how it has evolved over time, and will be of particular interest to students of language and linguistics.

Deploying PowerHA Solution with AIX HyperSwap Oct 12 2022 This IBM® Redpaper™ publication will help you plan, install, tailor, and configure the new IBM PowerHA® with IBM HyperSwap® clustering solution. PowerHA with HyperSwap adds transparent storage protection for replicated storage, improving overall system availability by masking storage failures. The PowerHA cluster is an Extended Distance cluster with two sites. It manages, in principle, the replicated storage infrastructure through HyperSwap functionality. The storage is provided by two DS8800s configured to replicate each other using Metro Mirror Peer-to-Peer Remote Copy (PPRC) synchronous replication. DS8800 supports in-band (SCSI commands) communication, which is used to manage (and automate) the replication using IBM AIX® HyperSwap framework and PowerHA automation and management capabilities.

Mastering Microsoft Windows 7 Administration Jun 08 2022 A comprehensive guide for IT administrators deploying Windows 7 Using a task-focused approach and clear, no-nonsense instructions, this book delivers all the information you'll need to deploy and manage Windows 7 efficiently and securely. Learn how to install, configure, run, and troubleshoot Windows 7; explore advanced networking, security, and other advanced topics. Delivers the information IT administrators need to deploy and manage Windows 7 successfully Explains topics in the thorough, step-by-step style of all books in the Mastering series, providing you ample instruction, tips, and techniques Covers how to install, configure, run, and troubleshoot Windows 7 and also explores advanced networking, security, and more Uses a task-based approach, so you have plenty of real-world examples and exercises to help you understand concepts All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Extended Stability for Parenteral Drugs Feb 04 2022 When caring for patients, medication stability should be the least of your worries. Extended Stability for Parenteral Drugs, Fifth Edition, is the indispensable go-to reference for anyone working in alternate site infusion or preparing sterile compounds. This new edition will help you safely extend beyond-use dating of parenteral medications to minimize waste and reduce costs. What's New in This Edition? · 160 updated monographs, including 10 new to this edition: o Acetaminophen o Ceftriaxone fosamil o Coagulation Factor XIII o Doripenem o Ethanol lock o Ibuprofen o Pantoprazole o Telavancin o Tocilizumab o Ziconotide acetate · 24 parenteral nutrition monographs include additional considerations for calcium and phosphate solubility. · Monograph updates include revisions to several container types and new information for elastometric infusion device brands. The Applying Stability Data in Patient Care section now includes a nursing perspective, a primer on the types of vascular access devices used in medication administration, and important considerations for pH, osmolality, concentration, and administration devices. With expanded tables and enhanced references, Extended Stability for Parenteral Drugs, Fifth Edition, is the only publication that brings key stability data on the most commonly used IV solutions, medications, and administration devices, together in one convenient, easy-to-use guide.

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