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IBM System Storage TS7600 with ProtecTIER Version 3.3 - Karen Orlando 2014-02-07

This IBM® Redbooks® publication describes the IBM solution for data deduplication, the IBM System Storage® TS7650G IBM ProtecTIER® Deduplication Gateway, and the IBM TS7620 ProtecTIER Deduplication Appliance Express. This solution consists of the IBM System Storage ProtecTIER Enterprise Edition V3.3 software and the IBM System Storage TS7600 family of products. They are designed to address the disk-based data protection needs of enterprise data centers. We describe the components that make up IBM System Storage TS7600 with ProtecTIER and provide extensive planning and sizing guidance that enables you to determine your requirements and the correct configuration for your environment. We then guide you through the basic setup steps on the system and on the host. We also describe all operational tasks that are required during normal day-to-day operation or when upgrading your TS7600 products. All available models of the ProtecTIER deduplication system can now be ordered in a configuration to operate in one of the following modes for which we

provide setup, configuration and usage guidelines for your business needs: The Virtual Tape Library (VTL) interface is the foundation of ProtecTIER and emulates traditional automated tape libraries. The Symantec NetBackup OpenStorage (OST) API can be integrated with Symantec NetBackup to provide backup-to-disk without having to emulate traditional tape libraries. The newly available File System Interface (FSI) supports Common Internet File System (CIFS) and Network File System (NFS) as a backup target. This publication is intended for system programmers, storage administrators, hardware and software planners, and other IT personnel that are involved in planning, implementing, and the use of the IBM deduplication solution. It also is intended for anyone seeking detailed technical information about the IBM System Storage TS7600 with ProtecTIER.

Handbook of Biomass Downdraft Gasifier Engine Systems - Thomas B. Reed 1988

Watch what I Do - Allen Cypher 1993 Programming by Demonstration is a method that allows end users to create, customize, and extend programs by demonstrating what the

program should do.

Classic Caterpillar Crawlers - Keith Haddock Eric C. Orlemann

Since producing its first harvester in 1885 under the Best brand name, Caterpillar has been a leader not only in the construction and earthmoving industries, but in agriculture as well. While providing limited coverage of Caterpillar construction and mining machinery, this new photohistory provides a concise overview that focuses on the maker's agricultural line, including early steam and diesel tractors and significant postwar machinery. Rare archival photos supplement a generous selection of modern color images showing restored crawlers.

Commerce Business Daily - 2001-07

IBM System Storage DS8000 Performance Monitoring and Tuning - Axel Westphal 2016-04-07

This IBM® Redbooks® publication provides guidance about how to configure, monitor, and manage your IBM DS8880 storage systems to achieve optimum performance, and it also covers the IBM DS8870 storage system. It describes the DS8880 performance features and characteristics, including hardware-related performance features, synergy items for certain operating systems, and other functions, such as IBM Easy Tier® and the DS8000® I/O Priority Manager. The book also describes specific performance considerations that apply to particular host environments, including database applications. This book also outlines the various tools that are available for monitoring and measuring I/O performance for different server environments, and it describes how to monitor the performance of the entire DS8000 storage system. This book is intended for individuals who want to maximize the performance of their DS8880 and DS8870 storage systems and

investigate the planning and monitoring tools that are available. The IBM DS8880 storage system features, as described in this book, are available for the DS8880 model family with R8.0 release bundles (Licensed Machine Code (LMC) level 7.8.0).

Prairie Farmer - 1983

Fundamentals of Construction Estimating - David Pratt 2011

An international edition of this product is available for sale overseas and in international markets.

POWER7 and POWER7+ Optimization and Tuning Guide - Brian Hall 2013-03-04

This IBM® Redbooks® publication provides advice and technical information about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM. The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can: Improve the performance of the application that is being optimized for the POWER7 system Carry over improvements to systems that are based on related processor chips

Improve performance on other platforms The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs).

How to Rebuild and Modify Rochester Quadrajet Carburetors - Cliff Ruggles 2006

The Rochester Quadrajet carburetor was found perched atop the engine of many a classic GM performance vehicle. The Q-Jet is a very capable but often misunderstood carb. This book, *How to Rebuild and Modify Rochester Quadrajet Carburetors*, seeks to lift the veil of mystery surrounding the Q-Jet and show owners how to tune and modify their carbs for maximum performance. The book will be a complete guide to selecting, rebuilding, and modifying the Q-Jet, aimed at both muscle car restorers and racers. The book includes a history of the Q-Jet, an explanation of how the carb works, a guide to selecting and finding the right carb, instructions on how to rebuild the carb, and extensive descriptions of high-performance modifications that will help anyone with a Q-Jet carb crush the competition.

Digital SLR Cameras and Photography For Dummies® - David D. Busch 2009-07-30

The ideal guide for beginning DSLR camera users, with full-color examples of what you can achieve Make the most of your Canon, Nikon, Sony, Pentax, or Olympus digital SLR camera! This guide explains the different lenses, the many settings and how to use them, the results you can get from using different controls, how to use lighting and exposure, and much more. If you

haven't purchased your camera yet, you'll also find tips on choosing a camera and accessories. And you'll find out how to make your pictures even better with Photoshop. Updated for all the newest camera models Introduces you to all the features common to DSLR cameras Illustrated with more than 300 full-color photos and screen shots Shares tips on composition, lighting and exposure controls, and file formats Explains Adobe Photoshop and how to create fine prints from your photos Offers advice on improving your photos and where to find help If you're new to digital SLR photography, here's just what you need to have fun and success with your camera!

The Waterways Journal - 1967

Additive Manufacturing - Amit Bandyopadhyay 2015-09-08

The field of additive manufacturing has seen explosive growth in recent years due largely in part to renewed interest from the manufacturing sector. Conceptually, additive manufacturing, or industrial 3D printing, is a way to build parts without using any part-specific tooling or dies from the computer-aided design (CAD) file of the part. Today, mo

The Use of the Eyes in Movement - Jack Heggie 2011-11-15

The eyes initiate and control most motor behavior. Working with the relationship of the eyes to the rest of the body can be a powerful means to improve physical organization and functioning. Jack Heggie combines the theory and practice of "Awareness Through Movement"(r) with the vision improvement of Dr. William Bates and has developed 13 "Awareness Through Movement" vision exercises which reduce eye strain and improve posture, flexibility and visual acuity.

Performance-based Navigation (PBN)

Manual - International Civil Aviation Organization 2008

Caterpillar 2013 - Caterpillar 2012-08-15

A fantastic presentation of Caterpillar's newest machines. Cat heavy machinery is known throughout the world, and this calendar is filled with examples from the versatile skid loaders up to the goliath mine trucks, dozers, scrapers, and wheel loaders. Each month also includes a cab shot of the featured machine plus an illustration with dimensions. These sensational photos are supplied from the archives of Caterpillar and feature the impressive new machines from their line. Each shot shows these powerful machines at work hauling, grading, dumping, and much more.

Intelligent Projects Using Python - Santanu Pattanayak 2019-01-31

Implement machine learning and deep learning methodologies to build smart, cognitive AI projects using Python Key Features A go-to guide to help you master AI algorithms and concepts 8 real-world projects tackling different challenges in healthcare, e-commerce, and surveillance Use TensorFlow, Keras, and other Python libraries to implement smart AI applications Book Description This book will be a perfect companion if you want to build insightful projects from leading AI domains using Python. The book covers detailed implementation of projects from all the core disciplines of AI. We start by covering the basics of how to create smart systems using machine learning and deep learning techniques. You will assimilate various neural network architectures such as CNN, RNN, LSTM, to solve critical new world challenges. You will learn to train a model to detect diabetic retinopathy conditions in the human

eye and create an intelligent system for performing a video-to-text translation. You will use the transfer learning technique in the healthcare domain and implement style transfer using GANs. Later you will learn to build AI-based recommendation systems, a mobile app for sentiment analysis and a powerful chatbot for carrying customer services. You will implement AI techniques in the cybersecurity domain to generate Captchas. Later you will train and build autonomous vehicles to self-drive using reinforcement learning. You will be using libraries from the Python ecosystem such as TensorFlow, Keras and more to bring the core aspects of machine learning, deep learning, and AI. By the end of this book, you will be skilled to build your own smart models for tackling any kind of AI problems without any hassle. What you will learn Build an intelligent machine translation system using seq-2-seq neural translation machines Create AI applications using GAN and deploy smart mobile apps using TensorFlow Translate videos into text using CNN and RNN Implement smart AI Chatbots, and integrate and extend them in several domains Create smart reinforcement, learning-based applications using Q-Learning Break and generate CAPTCHA using Deep Learning and Adversarial Learning Who this book is for This book is intended for data scientists, machine learning professionals, and deep learning practitioners who are ready to extend their knowledge and potential in AI. If you want to build real-life smart systems to play a crucial role in every complex domain, then this book is what you need. Knowledge of Python programming and a familiarity with basic machine learning and deep learning concepts are expected to help you get the most out of the book

Autocar - 1998

Canadian Civil Aircraft Register -
Canada. Civil Aviation Branch 1978-06

FOA Reference Guide to Fiber Optics -
Jim Hayes 2009-09-04

Updated January 2019. This book is a complete guide to the design, installation, testing and operation of fiber optic networks. It was written with the assistance of many experienced Fiber Optic Association (FOA) instructors in fiber optics as a reference book for classes aimed at FOA CFOT certification as well as a basic reference for anyone working in the field of fiber optics. This book offers expansive coverage on the components and processes of fiber optics as used in all applications and installation practices. A complete curriculum for teaching fiber optics using this book as a text is available from FOA.

Australian Journal of Mining - 2002

Road & Track - 1981

Fiat & Abarth 124 Spider & Coupe -
John Tipler 2016-08-14

In production from 1966 to 1985, the Pininfarina-designed 124 Spider was a huge export success for Fiat with over 170,000 examples being sold in the USA alone, whilst the 124 Coupe, styled by Boano, also enjoyed sales success throughout the world between 1967 and 1975. Both cars used Fiat's willing and technically advanced twin-cam engine in sizes ranging from 1400 to 2000cc. Towards the end of production the Spider even enjoyed supercharged performance in its Volumex form. Not to be forgotten is the 124 Spider's important role in international rallying during the 1970s, when the cars created and homologated by Abarth were very successful and always newsworthy. Over 1000 examples of the legendary

Fiat-Abarth 124 Spider were built and today, deservedly, these traditionally black-bonneted/hooded cars enjoy great status amongst serious collectors. Here, from an enthusiast author, is the complete history of these important cars, including motorsport. Also within these covers the enthusiast will find expert advice on which model to choose, restoration, clubs, specialists and what it's like to live with a Fiat 124 Spider or Coupe.
Thomas Register - 2005

Drilling Fluids Processing Handbook -
ASME Shale Shaker Committee
2011-03-15

Written by the Shale Shaker Committee of the American Society of Mechanical Engineers, originally of the American Association of Drilling Engineers, the authors of this book are some of the most well-respected names in the world for drilling. The first edition, Shale Shakers and Drilling Fluid Systems, was only on shale shakers, a very important piece of machinery on a drilling rig that removes drill cuttings. The original book has been much expanded to include many other aspects of drilling solids control, including chapters on drilling fluids, cut-point curves, mud cleaners, and many other pieces of equipment that were not covered in the original book. Written by a team of more than 20 of the world's foremost drilling experts, from such companies as Shell, Conoco, Amoco, and BP There has never been a book that pulls together such a vast array of materials and depth of topic coverage in the area of drilling fluids Covers quickly changing technology that updates the drilling engineer on all of the latest equipment, fluids, and techniques

OpenStack Operations Guide - Tom
Fifield 2014-04-24

Design, deploy, and maintain your own private or public Infrastructure as a Service (IaaS), using the open source OpenStack platform. In this practical guide, experienced developers and OpenStack contributors show you how to build clouds based on reference architectures, as well as how to perform daily administration tasks. Designed for horizontal scalability, OpenStack lets you build a cloud by integrating several technologies. This approach provides flexibility, but knowing which options to use can be bewildering. Once you complete this book, you'll know the right questions to ask while you organize compute, storage, and networking resources. If you already know how to manage multiple Ubuntu machines and maintain MySQL, you're ready to: Set up automated deployment and configuration Design a single-node cloud controller Use metrics to improve scalability Explore compute nodes, network design, and storage Install OpenStack packages Use an example architecture to help simplify decision-making Build a working environment to explore an IaaS cloud Manage users, projects, and quotas Tackle maintenance, debugging, and network troubleshooting Monitor, log, backup, and restore

IBM PowerVM Virtualization

Introduction and Configuration -

Scott Vetter 2015-11-24

This IBM® Redbooks® publication provides an introduction to PowerVMTM virtualization technologies on Power System servers. PowerVM is a combination of hardware, firmware, and software that provides CPU, network, and disk virtualization. These are the main virtualization technologies: POWER7, POWER6, and POWER5 hardware POWER Hypervisor Virtual I/O Server Though the PowerVM brand includes partitioning, management software, and other offerings, this publication focuses

on the virtualization technologies that are part of the PowerVM Standard and Enterprise Editions. This publication is also designed to be an introduction guide for system administrators, providing instructions for these tasks: Configuration and creation of partitions and resources on the HMC Installation and configuration of the Virtual I/O Server Creation and installation of virtualized partitions Examples using AIX, IBM i, and Linux This edition has been updated with the latest updates available and an improved content organization.

THOMAS REGISTER 2005 - 2005

Basics of Probability and Stochastic Processes - Esra Bas 2019-11-05

This textbook explores probability and stochastic processes at a level that does not require any prior knowledge except basic calculus. It presents the fundamental concepts in a step-by-step manner, and offers remarks and warnings for deeper insights. The chapters include basic examples, which are revisited as the new concepts are introduced. To aid learning, figures and diagrams are used to help readers grasp the concepts, and the solutions to the exercises and problems. Further, a table format is also used where relevant for better comparison of the ideas and formulae. The first part of the book introduces readers to the essentials of probability, including combinatorial analysis, conditional probability, and discrete and continuous random variable. The second part then covers fundamental stochastic processes, including point, counting, renewal and regenerative processes, the Poisson process, Markov chains, queuing models and reliability theory. Primarily intended for undergraduate engineering students, it is also

useful for graduate-level students wanting to refresh their knowledge of the basics of probability and stochastic processes.

The Hacker's Dictionary - Eric S. Raymond 2017-06-19

This document is a collection of slang terms used by various subcultures of computer hackers. Though some technical material is included for background and flavor, it is not a technical dictionary; what we describe here is the language hackers use among themselves for fun, social communication, and technical debate.

Cars & Parts - 1977

IBM ProtecTIER Implementation and Best Practices Guide - Karen Orlando 2016-08-16

This IBM® Redbooks® publication provides best practice guidance for planning, installing, configuring, and employing the IBM TS7600 ProtecTIER® family of products. It provides the latest best practices for the practical application of ProtecTIER Software Version 3.4. This latest release introduces the new ProtecTIER Enterprise Edition TS7650G DD6 model high performance server. This book also includes information about the revolutionary and patented IBM HyperFactor® deduplication engine, along with other data storage efficiency techniques, such as compression and defragmentation. The IBM System Storage® TS7650G ProtecTIER Deduplication Gateway and the IBM System Storage TS7620 ProtecTIER Deduplication Appliance Express are disk-based data storage systems: The Virtual Tape Library (VTL) interface is the foundation of ProtecTIER and emulates traditional automated tape libraries. For your existing ProtecTIER solution, this guide provides best practices and suggestions to boost the performance and the effectiveness of data

deduplication with regards to your application platforms for your VTL and FSI (systems prior to version 3.4). When you build a ProtecTIER data deduplication environment, this guide can help IT architects and solution designers plan for the best option and scenario for data deduplication for their environments. This book can help you optimize your deduplication ratio, while reducing the hardware, power and cooling, and management costs. This Redbooks publication provides expertise that was gained from an IBM ProtecTIER System Client Technical Specialist (CTS), Development, and Quality Assurance teams. This planning should be done by the Sales Representative or IBM Business Partner, with the help of an IBM System CTS or IBM Solution Architect.

Fine Art Pattern Extraction and Recognition - Fabio Bellavia 2021-10-26

Cultural heritage, especially the fine arts, plays an invaluable role in the cultural, historical, and economic growth of our societies. Works of fine art are primarily developed for aesthetic purposes and mainly expressed through painting, sculpture, and architecture. In recent years, owing to technological improvements and drastic cost reductions, a large-scale digitization effort has been made, which has led to the increasing availability of large, digitized fine art collections. Coupled with recent advances in pattern recognition and computer vision, this availability has provided, especially for researchers in these fields, new opportunities to assist the art community by using automatic tools to further analyze and understand works of fine arts. Among other benefits, a deeper understanding of the fine arts has the potential to make these works more accessible to a wider

population, in terms of both fruition and creation, thus supporting the spread of culture.

White Space Is Not Your Enemy - Kim Golombisky 2017-02-17

White Space Is Not Your Enemy is a practical graphic design and layout guide that introduces concepts and practices necessary for producing effective visual communication across a variety of formats—from web to print. Sections on Gestalt theory, color theory, and WET layout are expanded to offer more in-depth content on those topics. This new edition features new covering current trends in web design—Mobile-first, UI/UX design, and web typography—and how they affect a designer’s approach to a project. The entire book will receive an update using new examples and images that show a more diverse set of graphics that go beyond print and web and focus on tablet, mobile and advertising designs.

The Hidden Art of Interviewing People - Neil McPhee 2007-06-13

There is growing interest in the use of Neuro Linguistic Programming (NLP) as a Qualitative Market Research technique. NLP was previously used in psychology to understand how people think and react, and as a tool in self-development, interpersonal skills and business, looking at how our brains think and experience the world. Qualitative Market research experts now see that using NLP can help the researchers understand the human brain and, armed with this power, they can find out the truth from interviewees. *The Hidden Art of Interviewing People* shows how, by using NLP and related techniques in interviews, the market researcher can see beyond the obvious to the truth.

Street TurbochargingHP1488 - Mark Warner 2006-06-06

Transform an average car or truck into a turbocharged high performance street machine. A handbook on theory

and application of turbocharging for street and high-performance use, this book covers high performance cars and trucks. This comprehensive guide features sections on theory, indepth coverage of turbocharging components, fabricating systems, engine building and testing, aftermarket options and project vehicles.

Agile Web Development with Rails 6 - Sam Ruby 2020-02-10

Learn Rails the way the Rails core team recommends it, along with the tens of thousands of developers who have used this broad, far-reaching tutorial and reference. If you're new to Rails, you'll get step-by-step guidance. If you're an experienced developer, get the comprehensive, insider information you need for the latest version of Ruby on Rails. The new edition of this award-winning classic is completely updated for Rails 6 and Ruby 2.6, with information on system testing, Webpack, and advanced JavaScript. Ruby on Rails helps you produce high-quality, beautiful-looking web applications quickly - you concentrate on creating the application, and Rails takes care of the details. Rails 6 brings many improvements, and this edition is updated to cover the new features and changes in best practices. We start with a step-by-step walkthrough of building a real application, and in-depth chapters look at the built-in Rails features. Follow along with an extended tutorial as you write a web-based store application. Eliminate tedious configuration and housekeeping, seamlessly incorporate Ajax and JavaScript, send and receive emails, manage background jobs with ActiveJob, and build real-time features using WebSockets and ActionCable. Test your applications as you write them using the built-in unit, integration, and system testing frameworks, internationalize your

applications, and deploy your applications easily and securely. New in this edition is coverage of Action Mailer, which allows you to receive emails in your app as well as ActionText, a zero-configuration rich text editing feature. Rails 1.0 was released in December 2005. This book was there from the start, and didn't just evolve alongside Rails, it evolved with Rails. It has been developed in consultation with the Rails core team. In fact, Rails itself is tested against the code in this book. What You Need: All you need is a Windows, Mac OS X, or Linux machine to do development on. This book will take you through the steps to install Rails and its dependencies. If you aren't familiar with the Ruby programming language, this book contains a chapter that covers the basics necessary to understand the material in the book.

Star Wars Galaxies - Chris W. McCubbin 2005

Provides new players with everything they need to navigate the Star Wars universe, including comprehensive maps, updated bestiaries, mission walkthroughs, and crafting tables. The guide also covers every aspect of the games' newly revised profession paths, making it easy for new players to maximize the talents of their aspiring Jedi.

Estimating Building Costs - Calin M. Popescu 2003-04-22

Companies live or die on the basis of estimating their costs. Preparing estimates and bidding for new jobs is a complex and often costly process. There is no substitute for on the job training -- until now. Drawing on the authors' combined experience of more than 70 years, *Estimating Building Costs* presents state-of-the-art principles, practices, and techniques

for assessing these expenditures that can be applied regardless of changes in the costs of materials, equipment, and labor. The book is an efficient and practical tool for developing contracts or controlling project costs. The authors cover the major components of the direct cost: estimating procedures and cost trends related to materials, construction equipment, and skilled and unskilled labor. They describe various types of building estimates encountered during the lifecycle of a project, as well as the role and accuracy of each. The book provides an overview of the industry, cost indexes in use, approaches to preparing a detailed estimate, and an in-depth description of the organization and function of the estimating group. Including CSI Master Format and UniFormat codes, estimating forms, a list of available estimating software packages, a detailed construction site and investigation report, the book provides a cost estimating methodology that readers can tailor to their own organizational needs. *High-Throughput Screening in Drug Discovery* - Jörg Hüser 2006-12-13 Backed by leading authorities, this is a professional guide to successful compound screening in pharmaceutical research and chemical biology, including the chemoinformatic tools needed for correct data evaluation. Chapter authors from leading pharmaceutical companies as well as from Harvard University discuss such factors as chemical genetics, binding, cell-based and biochemical assays, the efficient use of compound libraries and data mining using cell-based assay results. For both academics and professionals in the pharma and biotech industries working on small molecule screening.