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KEY=OF - SHANNON BRONSON

To Interpret the Earth

Ten Ways to Be Wrong

Cambridge University Press *A concise and imaginative discussion of the scientific approach to problems within the earth sciences for students and researchers.*

Elevating Geoscience in the Southeastern United States: New Ideas about Old Terranes

Field Guides for the GSA Southeastern Section Meeting, Blacksburg, Virginia, 2014

Geological Society of America *"These ten field guides were written for the 2014 GSA Southeastern Section Meeting, which will take place in Blacksburg, Virginia. They cover such varied topics as the 2011 M5.8 Mineral, Virginia, earthquake; Mesozoic fauna from the Solite Quarry; and geology of the Coles Hill uranium deposit"--*

Research-based Web Design & Usability Guidelines

Health and Human Services Department *Although recent findings show the public increasingly interacting with government Web sites, a common problem is that people can't find what they're looking for. In other words, the sites lack usability. The Research-Based Web Design and Usability Guidelines aid in correcting this problem by providing the latest Web design guidance from the research and other forms of evidence. This unique publication has been updated from its earlier version to include over 40 new or updated research guidelines, bringing the total to 209. Primary audiences for the book are: Web managers, designers, and all staff involved in the creation of Web sites. Topics in the book include: home page design, page and site navigation, graphics and images, effective Web content writing, and search. A new section on usability testing guidance has been added. Experts from across government, industry, and academia have reviewed and contributed to the development of the Guidelines. And, since their introduction in 2003, the Guidelines have been widely used by government, private, and academic institutions to improve Web design.*

Tectonics of the Himalaya

Geological Society of London *The Himalayan mountain belt, which developed during the India–Asia collision starting about 55 Ma ago, is a dramatically active orogen and it is regarded as the classic collisional orogen. It is characterized by an impressively continuous 2500 km of tectonic units, thrusts and normal faults, as well as large volumes of high-grade metamorphic rocks and granites exposed at the surface. This constitutes an invaluable field laboratory, where amazing crustal sections can be observed directly in very deep gorges. It is possible to unravel the tectonic and metamorphic evolution of litho-units, to observe the mechanisms of exhumation of deep-seated rocks and the propagation of the deformation. Himalayan tectonics has been the target of many studies from numerous international researchers over the years. In the last 15 years there has been an explosion of data and theories from both geological and geophysical perspectives. This book presents the results of integrated multidisciplinary studies, including geology, petrology, magmatism, geochemistry, geochronology and geophysics, of the structures and processes affecting the continental lithosphere. These processes and their spatial and temporal evolution have major consequences on the geometry and kinematics of the India–Eurasia collision zone.*

Through the End of the Cretaceous in the Type Locality of the Hell Creek Formation in Montana and Adjacent Areas

Geological Society of America *"The chapters represent a surge of field and laboratory research activity, illustrating the impacts of new and refined methods and tools. This volume explores geologic and biologic history preserved in the strata bounding the Cretaceous-Paleogene boundary"--Provided by publisher.*

Encyclopedia of Queer Studies in Education

Critical Understanding in Educ *Queer studies is an extensive field that spans a range of disciplines. This volume focuses on education and educational research and examines and expounds upon queer studies particular to education fields. It works to examine concepts, theories, and methods related to queer studies across PK-12, higher education, adult education, and informal learning.00The volume takes an intentionally intersectional approach, with particular attention to the intersections of white supremacist cisheteropatriachy. It includes well-established concepts with accessible and entry-level explanations, as well as emerging and cutting-edge concepts in the field. It is designed to be used by those new to queer studies as well as those with established expertise in the field.*

Teide Volcano

Geology and Eruptions of a Highly Differentiated Oceanic Stratovolcano

Springer Science & Business Media *Teide Volcano has many different meanings: For the Guanche aborigines, who endured several of its eruptions, it was Echeide (Hell). Early navigators had in Teide, a lifesaving widely visible landmark that was towering over the clouds. For the first explorers, Teide was a challenging and dangerous climb, since it was thought that Teide's peak was so high that from its summit the sun was too close and far too hot to survive. Teide was considered the highest mountain in the world at that time and measuring its height precisely was a great undertaking and at the time of global scientific significance. For von Buch, von Humboldt, Lyell and other great 18th and19th century naturalists, Teide helped to shape a new and now increasingly 'volcanic' picture, where the origin of volcanic rocks (from solidified magma) slowly casted aside Neptunism and removed some of the last barriers for the development of modern Geology and Volcanology as the sciences we know today. For the present day population of Tenerife, living on top of the world's third tallest volcanic structure on the planet, Teide has actually become "Padre Teide", a fatherly protector and an emblematic icon of Tenerife, not to say of the Canaries as a whole. The UNESCO acknowledged this iconic and complex volcano, as "of global importance in providing evidence of the geological processes that underpin the evolution of oceanic*

islands". Today, 'Teide National Park' boasts 4 Million annual visitors including many 'volcano spotters' and is a spectacular natural environment which most keep as an impression to treasure and to never forget. For us, the editors of this book, Teide is all of the above; a 'hell of a job', a navigation point on cloudy days, a challenge beyond imagination, a breakthrough in our understanding of oceanic volcanism that has shaped our way of thinking about volcanoes, and lastly, Teide provides us with a reference point from where to start exploring other oceanic volcanoes in the Canaries and beyond. Here we have compiled the different aspects and the current understanding of this natural wonder.

Forts, Floods, and Periglacial Features

Exploring the Pittsburgh Low Plateau and Upper Youghiogheny Basin

Geological Society of America

IBM Tivoli Directory Server for z/OS

IBM Redbooks *This IBM® Redbooks® publication examines the IBM Tivoli® Directory Server for z/OS®. IBM Tivoli Directory Server is a powerful Lightweight Directory Access Protocol (LDAP) infrastructure that provides a foundation for deploying comprehensive identity management applications and advanced software architectures. This publication provides an introduction to the IBM Tivoli Directory Server for z/OS that provides a brief summary of its features and a examination of the possible deployment topologies. It discusses planning a deployment of IBM Tivoli Directory Server for z/OS, which includes prerequisites, planning considerations, and data stores, and provides a brief overview of the configuration process. Additional chapters provide a detailed discussion of the IBM Tivoli Directory Server for z/OS architecture that examines the supported back ends, discusses in what scenarios they are best used, and provides usage examples for each back end. The discussion of schemas breaks down the schema and provides guidance on extending it. A broad discussion of authentication, authorization, and security examines the various access protections, bind mechanisms, and transport security available with IBM Tivoli Directory Server for z/OS. This chapter also provides an examination of the new Password Policy feature. Basic and advanced replication topologies are also covered. A discussion on plug-ins provides details*

on the various types of plug-ins, the plug-in architecture, and creating a plug-in, and provides an example plug-in. Integration of IBM Tivoli Directory Server for z/OS into the IBM Workload Manager environment is also covered. This publication also provides detailed information about the configuration of IBM Tivoli Directory Server for z/OS. It discusses deploying IBM Tivoli Directory Server for z/OS on a single system, with examples of configuring the available back ends. Configuration examples are also provided for deploying the server in a Sysplex, and for both basic and advanced replication topologies. Finally it provides guidance on monitoring and debugging IBM Tivoli Directory Server for z/OS.

Quaternary Glaciation of the Great Lakes Region

Process, Landforms, Sediments, and Chronology

Geological Society of America *Taking advantage of new technological advances in Quaternary geology and geomorphology, this volume showcases new developments in glacial geology. Honoring the legacy of Frank Leverett and F.B. Taylor's 1915 USGS monograph of the region, this book includes 12 chapters that cover diverse topics ranging from hydrogeology, near-surface geophysics, geotectonics, and vertebrate paleontology to glacial geomorphology and glacial history. Several papers make use of detailed but nuanced shaded relief maps of digital elevation models of LiDAR data; these advances are brought into historical perspective by visiting the history of geologic mapping of Michigan. Looking forward, interpretations of the shaded relief maps evoke novel processes, such as regional evolution of subglacial and supraglacial drainage systems of receding glacial margins. The volume also includes assessment of chronological issues in light of greater accuracy and precision of radiocarbon dating of plant fossils using accelerator mass spectrometry versus older techniques.*

Researching Japanese War Crimes Records

Introductory Essays

Nazi War Crimes and Japanese Imperial Government Records Int

IBM IMS Solutions for Automating Database Management

IBM Redbooks *Over the last few years, IBM® IMSTM and IMS tools have been modernizing the interfaces to IMS and the IMS tools to bring them more in line with the current interface designs. As the mainframe software products are becoming more integrated with the Windows and mobile environments, a common approach to interfaces is becoming more relevant. The traditional 3270 interface with ISPF as the main interface is no longer the only way to do some of these processes. There is also a need to provide more of a common looking interface so the tools do not have a product-specific interface. This allows more cross product integration. Eclipse and web-based interfaces being used in a development environment, tooling using those environments provides productivity improvements in that the interfaces are common and familiar. IMS and IMS tools developers are making use of those environments to provide tooling that will perform some of the standard DBA functions. This book will take some selected processes and show how this new tooling can be used. This will provide some productivity improvements and also provide a more familiar environment for new generations DBAs. Some of the functions normally done by DBA or console operators can now be done in this eclipse-based environment by the application developers. This means that the need to request these services from others can be eliminated. This IBM Redbooks® publication examines specific IMS DBA processes and highlights the new IMS and IMS tools features, which show an alternative way to accomplish those processes. Each chapter highlights a different area of the DBA processes like: PSB creation Starting/stopping a database in an IMS system Recovering a database Cloning a set of databases*

Geological Education

Coronet Books

ABCs of IBM z/OS System Programming

IBM Redbooks *The ABCs of IBM z/OS® System Programming is a 13-volume collection that provides an introduction to the z/OS operating system and the hardware architecture. Whether you are a beginner or an experienced system programmer, the ABCs collection provides the information that you need to start your research into z/OS and related subjects. The ABCs collection serves as a powerful technical tool to help you become more familiar with z/OS in your current environment, or to help you evaluate platforms to consolidate your e-business applications. This edition is updated to z/OS Version 2 Release 3. The other volumes contain the*

following content: Volume 1: Introduction to z/OS and storage concepts, TSO/E, ISPF, JCL, SDSF, and z/OS delivery and installation Volume 2: z/OS implementation and daily maintenance, defining subsystems, IBM Job Entry Subsystem 2 (JES2) and JES3, link pack area (LPA), LNKLST, authorized libraries, System Modification Program Extended (SMP/E), IBM Language Environment Volume 4: Communication Server, TCP/IP, and IBM VTAM® Volume 5: Base and IBM Parallel Sysplex®, System Logger, Resource Recovery Services (RRS), global resource serialization (GRS), z/OS system operations, automatic restart manager (ARM), IBM Geographically Dispersed Parallel SysplexTM (IBM GDPS) Volume 6: Introduction to security, IBM RACF®, Digital certificates and PKI, Kerberos, cryptography and z990 integrated cryptography, zSeries firewall technologies, LDAP, and Enterprise Identity Mapping (EIM) Volume 7: Printing in a z/OS environment, Infoprint Server, and Infoprint Central Volume 8: An introduction to z/OS problem diagnosis Volume 9: z/OS UNIX System Services Volume 10: Introduction to IBM z/Architecture®, the IBM Z platform, IBM Z connectivity, LPAR concepts, HCD, and DS Storage Solution. Volume 11: Capacity planning, performance management, WLM, IBM RMFTM, and SMF Volume 12: WLM Volume 13: JES3, JES3 SDSF

Implementing the IBM Storwize

IBM Redbooks *Organizations of all sizes are faced with the challenge of managing massive volumes of increasingly valuable data. However, storing this data can be costly, and extracting value from the data is becoming more and more difficult. IT organizations have limited resources, but must stay responsive to dynamic environments and act quickly to consolidate, simplify, and optimize their IT infrastructures. The IBM® Storwize® V3700 system provides a solution that is affordable, easy to use, and self-optimizing, which enables organizations to overcome these storage challenges. Storwize V3700 delivers efficient, entry-level configurations that are specifically designed to meet the needs of small and midsize businesses. Designed to provide organizations with the ability to consolidate and share data at an affordable price, Storwize V3700 offers advanced software capabilities that are usually found in more expensive systems. Built on innovative IBM technology, Storwize V3700 addresses the block storage requirements of small and midsize organizations, Storwize V3700 is designed to accommodate the most common storage network technologies. This design enables easy implementation and management. Storwize V3700 includes the following features: Web-based GUI provides point-and-click management capabilities. Internal disk storage virtualization enables rapid, flexible provisioning and simple configuration changes. Thin provisioning enables applications to grow dynamically, but only use space they actually need. Enables simple data migration from external storage to Storwize V3700 storage (one-way from another storage device). Remote Mirror creates copies of data at remote locations for disaster recovery. IBM FlashCopy® creates instant application copies for backup or application testing. This IBM Redbooks® publication is intended for pre-sales and post-sales technical support professionals and storage administrators.*

The concepts in this book also relate to the IBM Storwize V3500. This book was written at a software level of version 7 release 4.

Concept of the Graded River

The SUDS Manual

This guidance document is aimed at providing comprehensive advice on the implementation of SUDS in the UK. It provides information for all aspects of the life cycle of SUDS, from initial planning, design through to construction and their management in the context of the current regulatory framework.

Sensitivity Analysis in Practice

A Guide to Assessing Scientific Models

John Wiley & Sons *Sensitivity analysis should be considered a pre-requisite for statistical model building in any scientific discipline where modelling takes place. For a non-expert, choosing the method of analysis for their model is complex, and depends on a number of factors. This book guides the non-expert through their problem in order to enable them to choose and apply the most appropriate method. It offers a review of the state-of-the-art in sensitivity analysis, and is suitable for a wide range of practitioners. It is focussed on the use of SIMLAB – a widely distributed freely-available sensitivity analysis software package developed by the authors – for solving problems in sensitivity analysis of statistical models. Other key features: Provides an accessible overview of the current most widely used methods for sensitivity analysis. Opens with a detailed worked example to explain the motivation behind the book. Includes a range of examples to help illustrate the concepts discussed. Focuses on implementation of the methods in the software SIMLAB - a freely-available sensitivity analysis software package developed by the authors. Contains a large number of references to sources for further reading. Authored by the leading authorities on sensitivity analysis.*

Volcanic Plumes

John Wiley & Sons Incorporated *Volcanic plumes, made up of material that has explosively erupted from a volcano, are of fundamental importance to volcanology because their deposits record the past activity of a volcano. They also pose a wide range of hazards to humans and can have significant environmental effects. This book integrates observation, theory, and experimental studies and contains recent research ideas and results.*

Belt Basin: Window to Mesoproterozoic Earth

Geological Society of America *With its thickness of more than 15 km of strata, covering some 200,000 km2, the Belt basin displays one of the planet's largest, best-exposed, most accessible, and best-preserved sequences of Mesoproterozoic sedimentary and igneous rocks. This volume focuses on research into this world-class province; kindles ideas about this critical era of Earth evolution; and covers aspects of the basin from its paleontology, mineralogy, sedimentology, and stratigraphy to its magmatism, ore deposits, geophysics, and structural geology.*

2019 Missile Defense Review

Independently Published *2019 Missile Defense Review - January 2019 According to a senior administration official, a number of new technologies are highlighted in the report. The review looks at "the comprehensive environment the United States faces, and our allies and partners face. It does posture forces to be prepared for capabilities that currently exist and that we anticipate in the future." The report calls for major investments from both new technologies and existing systems. This is a very important and insightful report because many of the cost assessments for these technologies in the past, which concluded they were too expensive, are no longer applicable. Why buy a book you can download for free? We print this book so you don't have to. First you gotta find a good clean (legible) copy and make sure it's the latest version (not always easy). Some documents found on the web are missing some pages or the image quality is so poor, they are difficult to read. We look over each document carefully and replace poor quality images by going back to the original source document. We proof each document to make sure it's all there - including all changes. If you find a good copy, you could print it using a network printer you share with 100 other people (typically its either out of paper or toner). If it's just a 10-page document, no problem, but if it's 250-pages, you will need to punch 3 holes in all those pages and put it in a 3-ring binder.*

Takes at least an hour. It's much more cost-effective to just order the latest version from Amazon.com This book includes original commentary which is copyright material. Note that government documents are in the public domain. We print these large documents as a service so you don't have to. The books are compact, tightly-bound, full-size (8 1/2 by 11 inches), with large text and glossy covers. 4th Watch Publishing Co. is a HUBZONE SDVOSB. https: //usgovpub.com

Lanthanide Luminescence

Photophysical, Analytical and Biological Aspects

Springer Science & Business Media *Lanthanides have fascinated scientists for more than two centuries now, and since efficient separation techniques were established roughly 50 years ago, they have increasingly found their way into industrial exploitation and our everyday lives. Numerous applications are based on their unique luminescent properties, which are highlighted in this volume. It presents established knowledge about the photophysical basics, relevant lanthanide probes or materials, and describes instrumentation-related aspects including chemical and physical sensors. The uses of lanthanides in bioanalysis and medicine are outlined, such as assays for in vitro diagnostics and research. All chapters were compiled by renowned scientists with a broad audience in mind, providing both beginners in the field and advanced researchers with comprehensive information on on the given subject.*

Origin of Granite in the Light of Experimental Studies in the System NaAlSi3O8-KAlSi3O8-SiO2-H2O

Building Cognitive Applications with IBM Watson

Services: Volume 1 Getting Started

IBM Redbooks *The Building Cognitive Applications with IBM Watson Services series is a seven-volume collection that introduces IBM® WatsonTM cognitive computing services. The series includes an overview of specific IBM Watson® services with their associated architectures and simple code examples. Each volume describes how you can use and implement these services in your applications through practical use cases. The series includes the following volumes: Volume 1 Getting Started, SG24-8387 Volume 2 Conversation, SG24-8394 Volume 3 Visual Recognition, SG24-8393 Volume 4 Natural Language Classifier, SG24-8391 Volume 5 Language Translator, SG24-8392 Volume 6 Speech to Text and Text to Speech, SG24-8388 Volume 7 Natural Language Understanding, SG24-8398 Whether you are a beginner or an experienced developer, this collection provides the information you need to start your research on Watson services. If your goal is to become more familiar with Watson in relation to your current environment, or if you are evaluating cognitive computing, this collection can serve as a powerful learning tool. This IBM Redbooks® publication, Volume 1, introduces cognitive computing, its motivating factors, history, and basic concepts. This volume describes the industry landscape for cognitive computing and introduces Watson, the cognitive computing offering from IBM. It also describes the nature of the question-answering (QA) challenge that is represented by the Jeopardy! quiz game and it provides a high-level overview of the QA system architecture (DeepQA), developed for Watson to play the game. This volume charts the evolution of the Watson Developer Cloud, from the initial DeepQA implementation. This book also introduces the concept of domain adaptation and the processes that must be followed to adapt the various Watson services to specific domains.*

Wrench Fault Tectonics

Selected Papers Reprinted from the AAPG Bulletin and Other Geological Journals

Amer Assn of Petroleum Geologists

The Edwards Aquifer

The Past, Present, and Future of a Vital Water Resource

Geological Society of America *"One of the world's great karstic aquifer systems, the Edwards aquifer system supplies water for more than 2 million people and for agricultural, municipal, industrial, and recreational uses. This volume reviews the current state of knowledge, current and emerging challenges to wise use of the aquifer system, and some technologies that must be adopted to address these challenges"--*

External Controls on Deep-water Depositional Systems

SEPM Soc for Sed Geology

ABCs of IBM z/OS System Programming

IBM Redbooks *The ABCs of IBM® z/OS® System Programming is a 13-volume collection that provides an introduction to the z/OS operating system and the hardware architecture. Whether you are a beginner or an experienced system programmer, the ABCs collection provides the information that you need to start your research into z/OS and related subjects. Whether you want to become more familiar with z/OS in your current environment, or you are evaluating platforms to consolidate your online business applications, the ABCs collection will serve as a powerful technical tool. Volume 1 provides an updated understanding of the software and IBM zSeries architecture, and explains how it is used together with the z/OS operating system. This includes the main components of z/OS needed to customize and install the z/OS operating system. This edition has been significantly updated and revised.*

IBM Power E1080 Technical Overview and Introduction

IBM Redbooks *This IBM® Redpaper® publication provides a broad understanding of a new architecture of the IBM Power® E1080 (also known as the Power E1080) server that supports IBM AIX®, IBM i, and selected distributions of Linux operating systems. The objective of this paper is to introduce the Power E1080, the most powerful and scalable server of the IBM Power portfolio, and its*

offerings and relevant functions: Designed to support up to four system nodes and up to 240 IBM Power10TM processor cores The Power E1080 can be initially ordered with a single system node or two system nodes configuration, which provides up to 60 Power10 processor cores with a single node configuration or up to 120 Power10 processor cores with a two system nodes configuration. More support for a three or four system nodes configuration is to be added on December 10, 2021, which provides support for up to 240 Power10 processor cores with a full combined four system nodes server. Designed to supports up to 64 TB memory The Power E1080 can be initially ordered with the total memory RAM capacity up to 8 TB. More support is to be added on December 10, 2021 to support up to 64 TB in a full combined four system nodes server. Designed to support up to 32 Peripheral Component Interconnect® (PCIe) Gen 5 slots in a full combined four system nodes server and up to 192 PCIe Gen 3 slots with expansion I/O drawers The Power E1080 supports initially a maximum of two system nodes; therefore, up to 16 PCIe Gen 5 slots, and up to 96 PCIe Gen 3 slots with expansion I/O drawer. More support is to be added on December 10, 2021, to support up to 192 PCIe Gen 3 slots with expansion I/O drawers. Up to over 4,000 directly attached serial-attached SCSI (SAS) disks or solid-state drives (SSDs) Up to 1,000 virtual machines (VMs) with logical partitions (LPARs) per system System control unit, providing redundant system master Flexible Service Processor (FSP) Supports IBM Power System Private Cloud Solution with Dynamic Capacity This publication is for professionals who want to acquire a better understanding of Power servers. The intended audience includes the following roles: Customers Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors (ISVs) This paper does not replace the current marketing materials and configuration tools. It is intended as an extra source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

ABCs of z/OS System Programming

IBM Redbooks *The ABCs of IBM® z/OS® System Programming is an 13-volume collection that provides an introduction to the z/OS operating system and the hardware architecture. Whether you are a beginner or an experienced system programmer, the ABCs collection provides the information that you need to start your research into z/OS and related subjects. If you would like to become more familiar with z/OS in your current environment, or if you are evaluating platforms to consolidate your e-business applications, the ABCs collection will serve as a powerful technical tool. This IBM Redbooks® publication, Volume 10, provides an introduction to IBM z/Architecture®, IBM z14 processor design, IBM Z connectivity, LPAR concepts and Hardware Configuration Definition (HCD). The contents of all the volumes are as follows: Volume 1: Introduction to z/OS and storage concepts, TSO/E, ISPF, JCL, SDSF, and z/OS delivery and installation Volume 2: z/OS implementation and daily maintenance, defining subsystems, JES2 and JES3, LPA, LNKLST, authorized libraries, SMP/E, IBM Language Environment® Volume 3: Introduction to DFSMS, data set basics storage management*

hardware and software, catalogs, and DFSMStvs Volume 4: Communication Server, TCP/IP, and IBM VTAM® Volume 5: Base and IBM Parallel Sysplex®, System Logger, Resource Recovery Services (RRS), global resource serialization (GRS), z/OS system operations, automatic restart management (ARM), IBM Geographically Dispersed Parallel SysplexTM (IBM GDPS®) Volume 6: Introduction to security, IBM RACF®, Digital certificates and PKI, Kerberos, cryptography and z990 integrated cryptography, zSeries firewall technologies, LDAP, and Enterprise Identity Mapping (EIM) Volume 7: Printing in a z/OS environment, Infoprint Server and Infoprint Central Volume 8: An introduction to z/OS problem diagnosis Volume 9: z/OS UNIX System Services Volume 10: Introduction to z/Architecture, z14 processor design, IBM Z connectivity, LPAR concepts, and HCD Volume 11: Capacity planning, performance management, WLM, IBM RMFTM, and SMF Volume 12: WLM Volume 13: JES3, JES3 SDSF

The Naval Aviation Maintenance Program (NAMP).: Maintenance data systems

Child Care Design Guide

McGraw-Hill Professional A-Z's for designing superior day care facilities Virtually unknown 30 years ago, daycare has become a growth industry. Child Care Design Guide helps architects and designers plan, design, and renovate functional, developmentally rich, pleasing centers. Author Anita Rui Olds brings to this work over 25 years of design experience with children's facilities. She gives you step-by-step explanations of interior and exterior layout and design principles fleshed out in clarifying case studies. You learn about licensing and code requirements, operational standards and strategies, and get helpful checklists, charts and graphs for optimum facility design within time, space, and budgetary constraints. This highly visual work features over 300 floor plans for infant and toddler, preschool, and afterschool spaces, plus areas for outdoor play and more.

IBM ZPDT Guide and Reference

IBM Redbooks This IBM® Redbooks® publication provides both introductory information and technical details about the IBM System z® Personal Development Tool (IBM zPDT®), which produces a small System z environment suitable for application development. zPDT is a PC Linux application. When zPDT is installed (on Linux), normal System z operating systems (such as IBM z/OS®) can be run

on it. zPDT provides the basic System z architecture and emulated IBM 3390 disk drives, 3270 interfaces, OSA interfaces, and so on. The systems that are discussed in this document are complex. They have elements of Linux (for the underlying PC machine), IBM z/Architecture® (for the core zPDT elements), System z I/O functions (for emulated I/O devices), z/OS (the most common System z operating system), and various applications and subsystems under z/OS. The reader is assumed to be familiar with general concepts and terminology of System z hardware and software elements, and with basic PC Linux characteristics. This book provides the primary documentation for zPDT.

The Performance Economy

Springer *This updated and revised edition outlines strategies and models for how to use technology and knowledge to improve performance, create jobs and increase income. It shows what skills will be required to produce, sell and manage performance over time, and how manual jobs can contribute to reduce the consumption of non-renewable resources.*

IBM Business Process Manager Version 8.0 Production Topologies

IBM Redbooks *This IBM® Redbooks® publication describes how to build production topologies for IBM Business Process Manager V8.0. This book is an update of the existing book IBM Business Process Manager V7.5 Production Topologies, SG24-7976. It is intended for IT Architects and IT Specialists who want to understand and implement these topologies. Use this book to select the appropriate production topologies for an environment, then follow the step-by-step instructions to build those topologies. Part 1 introduces IBM Business Process Manager and provides an overview of basic topology components, and Process Server and Process Center. This part also provides an overview of the production topologies described in this book, including a selection criteria for when to select a topology. IBM Business Process Manager security and the presentation layer are also addressed in this part. Part 2 provides a series of step-by-step instructions for creating production topology environments by using deployment environment patterns. This process includes topologies that incorporate IBM Business Monitor. This part also describes advanced topology topics. Part 3 covers post installation instructions for implementing production topology environments such as configuring IBM Business Process Manager to use IBM HTTP Server and WebSphere® proxy server.*

The IRS Research Bulletin

IBM FlashSystem A9000R Product Guide (Version 12.3.1)

IBM Redbooks *This IBM® Redbooks® Product Guide is an overview of the main characteristics, features, and technology that are used in IBM FlashSystem® A9000R Model 415 and Model 425, with IBM FlashSystem A9000R Software V12.3.1. IBM FlashSystem A9000R is a grid-scale, all-flash storage platform designed for industry leaders with rapidly growing cloud storage and mixed workload environments to help drive your business into the cognitive era. FlashSystem A9000R provides consistent, extreme performance for dynamic data at scale, integrating the microsecond latency and high availability of IBM FlashCore® technology. The rack-based offering comes integrated with the world class software features that are built with IBM SpectrumTM Accelerate. For example, comprehensive data reduction, including inline pattern removal, data deduplication, and compression, helps lower total cost of ownership (TCO) while the grid architecture and IBM Hyper-Scale framework simplify and automate storage administration. The A9000R features always on data reduction and now offers intelligent capacity management for deduplication. Ready for the cloud and well-suited for large deployments, FlashSystem A9000R delivers predictable high performance and ultra-low latency, even under heavy workloads with full data reduction enabled. As a result, the grid-scale architecture maintains this performance by automatically self-optimizing workloads across all storage resources without manual intervention.*

Empire of Humanity

A History of Humanitarianism

Cornell University Press *Empire of Humanity explores humanitarianism's remarkable growth from its humble origins in the early nineteenth century to its current prominence in global life. In contrast to most contemporary accounts of humanitarianism that concentrate on the last two decades, Michael Barnett ties the past to the present, connecting the antislavery and missionary movements of the nineteenth century to today's peacebuilding missions, the Cold War interventions in places like Biafra and Cambodia to post–Cold War humanitarian operations in regions such as the Great Lakes of Africa and the Balkans; and the creation of the International Committee of the Red Cross in 1863 to the emergence of the major international humanitarian organizations of the*

twentieth century. Based on extensive archival work, close encounters with many of today's leading international agencies, and interviews with dozens of aid workers in the field and at headquarters, Empire of Humanity provides a history that is both global and intimate. Avoiding both romanticism and cynicism, Empire of Humanity explores humanitarianism's enduring themes, trends, and, most strikingly, ethical ambiguities. Humanitarianism hopes to change the world, but the world has left its mark on humanitarianism. Humanitarianism has undergone three distinct global ages—imperial, postcolonial, and liberal—each of which has shaped what humanitarianism can do and what it is. The world has produced not one humanitarianism, but instead varieties of humanitarianism. Furthermore, Barnett observes that the world of humanitarianism is divided between an emergency camp that wants to save lives and nothing else and an alchemist camp that wants to remove the causes of suffering. These camps offer different visions of what are the purpose and principles of humanitarianism, and, accordingly respond differently to the same global challenges and humanitarianism emergencies. Humanitarianism has developed a metropolis of global institutions of care, amounting to a global governance of humanity. This humanitarian governance, Barnett observes, is an empire of humanity: it exercises power over the very individuals it hopes to emancipate. Although many use humanitarianism as a symbol of moral progress, Barnett provocatively argues that humanitarianism has undergone its most impressive gains after moments of radical inhumanity, when the "international community" believes that it must atone for its sins and reduce the breach between what we do and who we think we are. Humanitarianism is not only about the needs of its beneficiaries; it also is about the needs of the compassionate.

IBM FlashSystem Best Practices and Performance Guidelines

IBM Redbooks *This IBM® Redbooks® publication captures several of the preferred practices and describes the performance gains that can be achieved by implementing the IBM FlashSystem products. These practices are based on field experience. This book highlights configuration guidelines and preferred practices for the storage area network (SAN) topology, clustered system, back-end storage, storage pools and managed disks, volumes, remote copy services, and hosts. It explains how you can optimize disk performance with the IBM System Storage® Easy Tier® function. It also provides preferred practices for monitoring, maintaining, and troubleshooting. This book is intended for experienced storage, SAN, IBM FlashSystem, SAN Volume Controller (SVC), and IBM Storwize® administrators and technicians. Understanding this book requires advanced knowledge of these environments.*

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