Hdx 7000 User Guide

Written for junior and senior undergraduates, this remarkably clear and accessible treatment covers set theory, the real number system, metric spaces, continuous functions, Riemann integration, multiple integrals, and more. 1968 edition.

Cisco® Nexus switches and the new NX-OS operating system are rapidly becoming the new de facto standards for data center distribution/aggregation layer networking. NX-OS builds on Cisco IOS to provide advanced features that will be increasingly crucial to efficient data center operations. NX-OS and Cisco Nexus Switching is the definitive guide to utilizing these powerful new capabilities in enterprise environments. In this book, three Cisco consultants cover every facet of deploying, configuring, operating, and troubleshooting NX-OS in the data center. They review the key NX-OS enhancements for high availability, virtualization, In-Service Software Upgrades (ISSU), and security. In this book, you will discover support and configuration best practices for working with Layer 2 and Layer 3 protocols and networks, implementing multicasting, maximizing serviceability, providing consistent network and storage services, and much more. The authors present multiple command-line interface (CLI) commands, screen captures, realistic configurations, and troubleshooting tips—all based on their extensive experience working with customers who have successfully deployed Nexus switches in their data centers. Learn how Cisco NX-OS builds on and differs from IOS Work with NX-OS user modes, management interfaces, and system files Configure Layer 2 networking: VLANs/private VLANs, STP, virtual port channels, and unidirectional link detection Configure Layer 3 EIGRP, OSPF, BGP, and First Hop Redundancy Protocols (FHRPs) Set up IP multicasting with PIM, IGMP, and MSDP Secure NX-OS with SSH, Cisco TrustSec, ACLs, port security, DHCP snooping, Dynamic ARP inspection, IP Source Guard, keychains, Traffic Storm Control, and more Build high availability networks using process modularity and restart, stateful switchover, nonstop forwarding, and in-service software upgrades Utilize NX-OS embedded serviceability, including Switched Port Analyzer (SPAN), Smart Call Home, Configuration Checkpoint/Rollback, and NetFlow Use the NX-OS Unified Fabric to simplify infrastructure and provide ubiquitous network and storage services Run NX-OS on Nexus 1000V server-based software switches This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.

How I Did It is a candid, thorough, science-based approach to losing fat, complete with workout plans and instructions for balancing macronutrients. It's full of personal insight, humor, stoic wisdom, and simple strategies that anyone can implement, no matter how hectic life gets. Do you dream of being lean and fit, but think it's impossible for you? It's absolutely possible and MUCH easier

than you think! The key to losing weight is to maintain a caloric deficit. This book helps you calculate a caloric deficit to maximize fat loss and gain muscle without feeling tired and hungry. You don't need to starve yourself to lose fat. It's all about the math, pure and simple. How I Did It teaches you how to create a comfortable deficit of calories that will lead to incredible results. This book tells you how to get the body you've always wanted-no matter your age or current fitness level-without extreme dieting, excessive cardio, boot camp classes, or dangerous supplements. No expensive equipment. No "bro-science" and no crawling across the gym floor on all-fours like an assh*le. If you need a painless, feasible plan for getting in shape, you want to read this book. Losing fat isn't a challenge when you follow the numbers. Everyone's body is different, but there are Universal truths that make or break any fat-loss program for all of us. This book explains the simple science behind building your ideal body based on your goals. Nate Clark spent most of his life wearing a t-shirt in the pool. He's not a personal trainer or a professional athlete. He's not selling you anything else. He's just a guy who finally figured it out, and transformed his body in ways he never thought possible. After 20 years of failed diets and way too much cardio, he discovered the truth about cutting fat and building lean muscle mass. At 40 years old, he's in the best shape of his life. In This Book You'll Discover: ? You DON'T need to spend endless hours on a treadmill. Cardio is NOT the key to fat loss! ? You DON'T need to waste all your free time in a gym. You can train effectively with a 3-, 4- or 5-day split, ? based on YOUR goals. ? You DON'T need to spend $250/ month on CrossFit. No more flipping tires in a parking lot! ? You CAN achieve your ideal body at any age. Don't let anyone tell you it's genetics or luck or that you need to devote your entire life to fitness. That's bullish*t! ? You CAN be lean and muscular while also living your life, spending time with friends and family, and being a regular person. ? You CAN increase your energy and feel healthy by optimizing your diet and exercise routine without going to extremes. Buy How I Did It to learn how to achieve the body of your dreams!

An inspirational story of a man who overcame obstacles and challenges to achieve his dreams. In an accident in 1980, Limbie, a healthy young man, was reduced to a quadriplegic. Read through his fears, sorrow, hope and courage in this heart-open honest book.

This important text provides a comprehensive survey of homelessness in America: its scope and causes, its diverse populations, and the array of responses at the individual, community, and systems levels. Expert contributors explore the links between trauma and homelessness, the cycle of homelessness and health/mental health problems, and barriers preventing people from accessing services. Case studies of effective programs and practices focus on science-based interventions, broad understanding of client needs, and close coordination between systems and agencies. Finally, specialized chapters discuss issues and experiences common to homeless youth and young adults, including housing instability on college campuses and empowerment-based

strategies for engaging youth voice in programming . Included in the coverage: Homelessness and health disparities: a health equity lens Affordable housing and housing policy responses to homelessness Street talk: homeless discourses and the politics of service provision Multisectoral collaborations to address homelessness Trauma-informed care in homelessness service settings: challenges and opportunities Incorporating youth voice into services for young people experiencing homelessness Homelessness Prevention and Intervention in Social Work fills a critical gap in the social work curriculum as a main or a supplementary text. It also makes an accessible resource for clinicians and community practitioners seeking current knowledge on the topic, practical approaches to working with clients experiencing homelessness, and useful information for effective program and policy design.

Final Cut Pro Efficient Editing is a complete best practices guide for anyone who wants to get up and running with the software. The book covers all the key features of this app and the standard editing workflow to build and edit projects quickly.

Learn how diagnostic ultrasound works, and find out how to properly handle artifacts, scan safely, evaluate instrument performance, and prepare for registry examinations, with the market-leading Sonography Principles and Instruments, 9th Edition. It concisely and comprehensively covers the essential aspects of ultrasound physics and instrumentation like Doppler, artifacts, safety, quality assurance, and the newest technology — all in a dynamic, highly visual format for easy review of key information. Dr. Kremkau, unlike others, uses extensive exam questions, over 1,000 high-quality illustrations, and only the most basic equations to simplify complicated concepts, making this text a highly respected reference for sonography students and professionals. Essential coverage of physics and sonography prepares you for the physics portion of the American Registry for Diagnostic Medical Sonography (ARDMS) certification exam. Current technology content, including the continuing progression of contrast agents and 3D and the more general aspects of transducers and instruments, helps you better comprehend the text. Straightforward explanations simplify complicated concepts. Learning objectives at the beginning of every chapter give you a measurable outcome to achieve. Key terms provide you with a list of the most important terms at the beginning of each chapter. Key Points, called out with an icon and special type, highlight the most important information to help you study more efficiently. Bulleted reviews at the end of each chapter identify key concepts covered in that chapter. End-of-chapter exercises test your knowledge and understanding with a mix of true/false, fill-in-the-blank, multiple choice, and matching questions. Glossary of key terms at the end of the book serves as a quick reference, letting you look up definitions without having to search through each chapter. Appendices, including a List of Symbols, Complication of Equations, and Mathematics Review, equip you with additional resources to help comprehend difficult concepts. An Evolve site with student resources enhances your learning experience. A full-color design depicts over 120 high-quality ultrasound scans similar to what you will encounter in the clinical setting. NEW! All-new content on elastography, shear wave imaging, acoustic radiation force impulse imaging (ARFI), volume imaging, power M-mode Doppler in TCD, miniaturization, and newer acquisition technique in Epic System keeps you in the know. NEW! Updated

instrument output data and official safety statements ensure you are current with today's technology. NEW! Updated art added to necessary chapters gives you an up-to-date representation of what you will encounter in the clinical setting.

This book is a comprehensive guide to the surgical repair of inguinal and abdominal wall hernias that not only describes all potential approaches, but also places them in the context of the anatomy of the region, the pathology, and the advances in scientific knowledge over the past decade. It documents in detail the individual techniques applicable in each region (inguinal, femoral, and ventral), highlighting tips and tricks and focusing on indications, potential complications, and outcomes. In addition, it presents cases of incisional hernia and examines less frequent and rare cases and complex situations. Written for surgeons from around the globe, it includes procedures used in wealthy, developed countries and those without mesh more commonly employed in developing countries. With a format designed to facilitate use in daily practice, it is invaluable for residents seeking step-by-step guidance on procedures ranging from repair of simple inguinal hernias to complex reconstruction; for general surgeons who frequently perform hernia repairs; and for hernia specialists aiming to achieve optimal results. It also appeals to researchers with an interest in the scientific background to hernia surgery.

Written by members of the development team at Apple, Programming with Quartz is the first book to describe the sophisticated graphics system of Mac OS X. By using the methods described in this book, developers will be able to fully exploit the state-of-the-art graphics capabilities of Mac OS X in their applications, whether for Cocoa or Carbon development. This book also serves as an introduction to 2D graphics concepts, including how images are drawn and how color is rendered. It includes guidance for working with PDF documents, drawing bitmap graphics, using Quartz built-in color management, and drawing text. Programming with Quartz is a rich resource for new and experienced Mac OS X developers, Cocoa and Carbon programmers, UNIX developers who are migrating to Mac OS X, and anyone interested in powerful 2D graphics systems. This is the definitive guide to the revolutionary graphics system of Mac OS X that uses the Portable Document Format (PDF) as the basis of its imaging model It contains the latest on programming with Quartz for Mac OS X version 10.4 Carefully crafted and extensive code examples show how to accomplish most of the drawing tasks possible with Quartz

The multiple award-winning Restaurant Manager's Handbook is the best-selling book on running a successful food service. Now in the fourth completely revised edition, nine new chapters detail restaurant layout, new equipment, principles for creating a safer work environment, and new effective techniques to interview, hire, train, and manage employees. We provide a new chapter on tips and IRS regulations as well as guidance for improved management, new methods to increase your bottom line by expanding the restaurant to include on- and off-premise catering operations. We ve added new chapters offering food nutrition guidelines and proper employee training. The Fourth Edition of the Restaurant Manager s Handbook is an invaluable asset to any existing restaurant owner or manager as well as anyone considering a career in restaurant management or ownership. All existing chapters have new and updated information. This includes extensive material on how to prepare a restaurant for a potential sale. There is even an expanded section on franchising. You will find many additional tips to

help restaurant owners and managers learn to handle labor and operational expenses, rework menus, earn more from better bar management, and introduce up-scale wines and specialties for profit. You will discover an expanded section on restaurant marketing and promotion plus revised accounting and budgeting tips. This new edition includes photos and information from leading food service manufacturers to enhance the text. This new, comprehensive 800-page book will show you step-by-step how to set up, operate, and manage a financially successful food service operation. The author has taken the risk out of running a restaurant business. Operators in the non-commercial segment as well as caterers and really anyone in the food service industry will rely on this book in everyday operations. Its 28 chapters cover the entire process of a restaurant start-up and ongoing management in an easy-to-understand way, pointing out methods to increase your chances of success and showing how to avoid the many mistakes arising from being uninformed and inexperienced that can doom a restaurateur s start-up. The new companion CD-ROM contains all the forms demonstrated in the book for easy use in a PDF format. While providing detailed instruction and examples, the author leads you through finding a location that will bring success, learning how to draw up a winning business plan, how to buy and sell a restaurant, how to franchise, and how to set up basic cost-control systems. You will have at your fingertips profitable menu planning, sample restaurant floor plans and diagrams, successful kitchen management, equipment layout and planning, food safety, Hazardous and Critical Control Point (HACCP) information, and successful beverage management. Learn how to set up computer systems to save time and money and get brand new IRS tip-reporting requirements, accounting and bookkeeping procedures, auditing, successful budgeting and profit planning development. You will be able to generate high profile public relations and publicity, initiate low cost internal marketing ideas, and low- and no-cost ways to satisfy customers and build sales. You will learn how to keep bringing customers back, how to hire and keep a qualified professional staff, manage and train employees as well as accessing thousands of great tips and useful guidelines. This Restaurant Manager s Handbook covers everything that many consultants charge thousands of dollars to provide. The extensive resource guide details more than 7,000 suppliers to the industry virtually a separate book on its own. This reference book is essential for professionals in the hospitality field as well as newcomers who may be looking for answers to cost-containment and training issues. India: The Ancient Past provides a clear and systematic introduction to the cultural, political, economic, social and geographical history of ancient India from the time of the pre-Harappan culture nine thousand years ago up until the beginning of the second millennium of the Common Era. The book engages with methodological and controversial issues by examining key themes such as the Indus-Sarasvati civilization, the Aryan controversy, the development of Vedic and heterodox religions, and the political economy and social life of ancient Indian kingdoms. This fully revised and updated second edition includes: Three new chapters examining the differences and commonalities between the north and south of India; Extended discussion on contested issues, such as the origins of the Aryans and the role of feudalism in ancient India; New source excerpts to introduce students to the most significant works in the historiography of India,

and questions for discussion; Study guides, including a list of key issues, suggested readings and a selection of internet sources for each chapter; Specially designed maps to illustrate different time periods and geographical regions This richly illustrated guide provides a fascinating account of the early development of Indian culture and civilization that will appeal to all students of Indian history.

"David Gould is an expert at using, programming, and teaching Maya, and it shows. People who need to program Maya will find this book essential. Even Maya users who don't intend to do extensive programming should read this book for a better understanding of what's going on under the hood. Compact yet thorough, it covers both MEL and the C++ API, and is written to be informative for both novice and expert programmers. Highly recommended!" -Larry Gritz, Exluna/NVIDIA, co-author of Advanced RenderMan: Creating CGI for Motion Pictures "This book should be required reading for all Maya programmers, novice and expert alike. For the novice, it provides a thorough and wonderfully well thought-out hands-on tutorial and introduction to Maya. The book's greatest contribution, however, is that in it David shares his deep understanding of Maya's fundamental concepts and architecture, so that even the expert can learn to more effectively exploit Maya's rich and powerful programming interfaces." -Philip J. Schneider, Disney Feature Animation, co-author of Geometric Tools for Computer Graphics "Having provided a technical review of David Gould's Complete Maya Programming, I must say that this book is the definitive text for scripting and plug-in development for Maya. Never before has there been such a concise and clearly written guide to programming for Maya. Any user smart enough to pick up this book would be better off for it." -Chris Rock, a Technical Director at "a Large Animation Studio in Northern California" "If you ever wanted to open the Maya toolbox, this is your guide. With clear step-by-step instructions, you will soon be able to customize and improve the application, as well as create your own extensions, either through the MEL scripting language or the full C++ API." -Christophe Hery, Industrial Light & Magic Learning Maya, the world's leading 3D animation and effects package, is a challenge, especially for those who want to master Maya's versatile programming features in addition to its built-in tools. Finally, here is a practical, step-by-step guide that shows how to use Maya to its fullest potential, beginning with the basics. Readers of Complete Maya Programming will first gain a thorough understanding of Maya's inner workings, and then learn how to customize and extend Maya with scripts and plugins that take control and productivity to new levels. Users new to programming can apply Maya's easy scripting language MEL (Maya Embedded Language), while more advanced users can work with the C++ API (Application Progamming Interface). Both a fundamental tutorial for Maya beginners and a solid reference for experienced developers, Complete Maya Programming is every user's guide to Maya mastery. FEATURES: *Demonstrates how to use MEL to control Maya, customize its interface, automate procedures, and more

*Details how to use the C++ API to modify Maya functionality and develop tools and features to meet any need *Explains when to use MEL, when to use the C++ API, and how to use them together *Provides a multitude of real-world examples illustrating applications of Maya programming *Ideal for technical directors, developers, or anyone wishing to master Maya *Provides a storehouse of MEL scripts and C++ source code, glossary, and list of resources, available at www.davidgould.com

First published in 1999. Routledge is an imprint of Taylor & Francis, an informa company.

The book focuses on protein allostery in drug discovery. Allosteric regulation, ?the second secret of life?, fine-tunes virtually most biological processes and controls physiological activities. Allostery can both cause human diseases and contribute to development of new therapeutics. Allosteric drugs exhibit unparalleled advantages compared to conventional orthosteric drugs, rendering the development of allosteric modulators as an appealing strategy to improve selectivity and pharmacodynamic properties in drug leads. The Series delineates the immense significance of protein allostery—as demonstrated by recent advances in the repertoires of the concept, its mechanistic mechanisms, and networks, characteristics of allosteric proteins, modulators, and sites, development of computational and experimental methods to predict allosteric sites, small-molecule allosteric modulators of protein kinases and G-protein coupled receptors, engineering allostery, and the underlying role of allostery in precise medicine. Comprehensive understanding of protein allostery is expected to guide the rational design of allosteric drugs for the treatment of human diseases. The book would be useful for scientists and students in the field of protein science and Pharmacology etc.

Bare Metal C teaches you to program embedded systems with the C programming language. You'll learn how embedded programs interact with bare hardware directly, go behind the scenes with the compiler and linker, and learn C features that are important for programming regular computers. Bare Metal C will teach you how to program embedded devices with the C programming language. For embedded system programmers who want precise and complete control over the system they are using, this book pulls back the curtain on what the compiler is doing for you so that you can see all the details of what's happening with your program. The first part of the book teaches C basics with the aid of a low-cost, widely available bare metal system (the Nucleo Arm evaluation system), which gives you all the tools needed to perform basic embedded programming. As you progress through the book you'll learn how to integrate serial input/output (I/O) and interrupts into your programs. You'll also learn what the C compiler and linker do behind the scenes, so that you'll be better able to write more efficient programs that maximize limited memory. Finally, you'll learn how to use more complex, memory hungry C features like dynamic memory, file I/O, and floating-point numbers. Topic coverage includes: • The basic program creation process •

Simple GPIO programming (blink an LED) • Writing serial device drivers • The C linker and preprocessor • Decision and control statements • Numbers, arrays, pointers, strings, and complex data types • Local variables and procedures • Dynamic memory • File and raw I/O • Floating-point numbers • Modular programming

Voted Best Book of 2010 by Englewood Review of Books "In whatever place you live, do not easily leave it." –Abba Anthony In an age where we might email a friend in Africa, skype a co-worker in Brazil, and teleconference with people in different time zones–all in one day–the sheer speed of life can be dizzying. Like children stumbling off a merry-go-round, says Jonathan Wilson-Hartgrove, we are grasping for something to anchor our lives in a sea of constant change. In The Wisdom of Stability, Wilson-Hartgrove illuminates the biblical and monastic understanding of why staying in one place is both a virtue and good for you. "For the Christian tradition," he writes, "the heart's true home is a life rooted in the love of God." When we cultivate an inner stability of heart – by rooting ourselves in the places where we live, engaging the people we are with, and by the simple rhythms of tending to body and soul – true growth can happen. The Wisdom of Stability is a must-read for pastors, leaders, and anyone seeking an authentic path of Christian transformation.

With today's advanced camera technology, achieving focus on a photographic subject seems like it should be a straightforward task, but many photographers know that it can be deceptively difficult, especially when shooting moving subjects or in challenging situations. Now, there is a complete guide available for Nikon shooters that will help them get tack-sharp photos every time.

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In *The Nikon Autofocus System, 2nd Edition*, photographer Mike Hagen, author of the bestselling *The Nikon Creative Lighting System*, takes his deep knowledge of Nikon technology and concentrates on its focus features. In this book, which covers all current Nikon DSLR models (including the D5 and D500), Hagen fully explains how Nikon autofocus works, including detailed discussions of all the autofocus modules, drive systems, and camera buttons and menus. He also devotes an entire chapter to explore how focus works with Nikon's lenses.

Armed with this general knowledge, Hagen then dives deep and offers camera setups, settings, and best practices for specific field techniques that address the photographic genres that are notoriously challenging for focus: action and sports (indoor and outdoor), wildlife (including birds in flight), and macro photography.

He also covers genres such as portrait, landscape, underwater, low-light, and street photography. Hagen not only advises on the best ways to set up the camera and focus systems, he gives helpful tips and tricks throughout the book.

The Nikon Autofocus System also covers:

- • Live view autofocus methods and settings

- • Achieving great focus in video

- • AF tracking

- • AF shooting styles, such as back-button AF and shutter-release AF

- • HDR, panoramas, and other techniques for shooting with a tripod

- • An entire chapter on additional terms and techniques, such as hyperfocal distance, calibrating lenses, focus and flash photography, and more

A full-color, lushly illustrated graphic novel that recounts the many-layered past and present of beer through dynamic pairings of pictures and meticulously researched insight into the history of the world's favorite brew. Starting from about 7,000 BC, The Comic Book Story of Beer traces beer's influence through world history, encapsulating early man's experiments with fermentation, the rise and fall of Ancient Rome, the (often beer-related) factors that led Europe out of the Dark Ages, the Age of Exploration, the spread of capitalism, the Reformation, and on up to the contemporary explosion of craft brewing. No book has ever told the story of beer in a graphic format as a liberating or emancipating force that improved the life of everyday people. Visually riffing on abstract subjects like pasteurization, "original gravity," and "lagering," artist Aaron McConnell has a flair for cinematic action and demonstrates versatility in depicting characters and episodes from beer's rich history. Hand-drawn in a classic, accessible style, The Comic Book Story of Beer makes a great gift, and will appeal to the most avid comic book geek and those who live for beer.

For an accessible and comprehensive survey of telecommunications and data communications technologies and services, consult the Telecommunications and Data Communications Handbook, which includes information on origins, evolution and meaningful contemporary applications. Find discussions of technologies set in context, with details on fiber optics, cellular radio, digital carrier systems, TCP/IP, and the Internet. Explore topics like Voice over Internet Protocol (VoIP); 802.16 & WiMAX; Passive Optical Network (PON); 802.11g & Multiple Input Multiple Output (MIMO) in this easily accessible guide without the

burden of technical jargon.

A concise and affordable yet thorough writing guide, Writing and Revising offers a true alternative to larger and more expensive texts. Widely adopted in the first edition, it's flexible enough to be used in a variety of courses, as a classroom text, or as a quick reference. Whether students are writing brief papers or more complicated essays drawing on multiple sources, Writing and Revising can help. TiVo Hacks helps you get the most out of your TiVo personal video recorder. Armed with just a screwdriver and basic understanding of PC hardware (or willingness to learn), preeminent hackability awaits. This book includes hacks for changing the order of recorded programs, activating the 30-second skip to blaze through commercials, upgrading TiVo's hard drive for more hours of recording, use of TiVo's Home Media Option to remotely schedule a recording via the Web, log in to the serial port for command-line access to programming data, log files, closed-captioning data, display graphics on the TiVo screen, and even play MP3s.Readers who use advanced hacks to put TiVo on their home network via the serial port, Ethernet, USB, or wireless (with 802.11b WiFi) will watch a whole new world open up. By installing various open source software packages, you can use TiVo for mail, instant messaging, caller-ID, and more. It's also easy to run a web server on TiVo to schedule recordings, access lists of recorded shows, and even display them on a web site. While TiVo gives viewers personalized control of their TVs, TiVo Hacks gives users personalized control of TiVo.Note: Not all TiVos are the same. The original TiVo, the Series 1, is the most hackable TiVo out there; it's a box thrown together with commodity parts and the TiVo code is running on open hardware. The Series 2 TiVo, the most commonly sold TiVo today, is not open. You won't see hacks in this book that involve modifying Series 2 software.

This book provides a comprehensive introduction to actuarial mathematics, covering both deterministic and stochastic models of life contingencies, as well as more advanced topics such as risk theory, credibility theory and multi-state models. This new edition includes additional material on credibility theory, continuous time multi-state models, more complex types of contingent insurances, flexible contracts such as universal life, the risk measures VaR and TVaR. Key Features: Covers much of the syllabus material on the modeling examinations of the Society of Actuaries, Canadian Institute of Actuaries and the Casualty Actuarial Society. (SOA-CIA exams MLC and C, CSA exams 3L and 4.) Extensively revised and updated with new material. Orders the topics specifically to facilitate learning. Provides a streamlined approach to actuarial notation. Employs modern computational methods. Contains a variety of exercises, both computational and theoretical, together with answers, enabling use for self-study. An ideal text for students planning for a professional career as actuaries, providing a solid preparation for the modeling examinations of the major North American actuarial associations. Furthermore, this book is highly suitable reference for those wanting a sound introduction to the subject, and for those

working in insurance, annuities and pensions.

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+TM 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).

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