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In this text for graduate students in various disciplines who are studying international public health, the author focuses on conditions in low- and middle-income countries, occasionally making reference to high-income countries. He suggests approaches for fostering public health, and discusses future challenges for health promotion and disease prevention around the world. The text can also be used as a reference by those working in government agencies, international health and development agencies, and NGOs.

Kid's Box is a six-level course for young learners. Bursting with bright ideas to inspire both teachers and students, Kid's Box gives children a confident start to learning English. It also fully covers the syllabus for the Cambridge Young Learners English (YLE) tests. The Teacher's Book contains comprehensive notes, as well as extra activities and classroom ideas to inspire both teacher and students.

"World Energy Outlook 2008 draws on the experience of another turbulent year in energy markets to provide new energy projections to 2030, region by region and fuel by fuel, incorporating the latest data and policies. "

The industry-leading study guide for the CISA exam, fully updated More than 27,000 IT professionals take the Certified Information Systems Auditor exam each year. SC Magazine lists the CISA as the top certification for security professionals.

Compliances, regulations, and best practices for IS auditing are updated twice a year, and this is the most up-to-date book available to prepare aspiring CISAs for the next exam. CISAs are among the five highest-paid IT security professionals; more than 27,000 take the exam each year and the numbers are growing Standards are updated twice a year, and this book offers the most up-to-date coverage as well as the proven Sybex approach that breaks down the content, tasks, and knowledge areas of the exam to cover every detail Covers the IS audit process, IT governance, systems and infrastructure lifecycle management, IT service delivery and support, protecting information assets, disaster recovery, and more

Anyone seeking Certified Information Systems Auditor status will be fully prepared for the exam with the detailed information and approach found in this book. CD-ROM/DVD and other supplementary materials are not included as part of the e-book file, but are available for download after purchase

A View From Elsewhere on Publishing, Copyright and Creativity

Translation as a Profession

A Guide to Brief Therapy

ISC High Performance 2016 International Workshops, ExaComm, E-MuCoCoS, HPC-IODC, IXPUG, IWOPH, P^3MA, VHPC, WOPSSS, Frankfurt, Germany, June 19-23, 2016, Revised Selected Papers

IBM Cloud Private System Administrator's Guide

A Subject in Transition. Computers and the History of Art Series

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need.

Here's the book you need to prepare for CompTIA's updated Network+ exam, N10-003. This revised edition of the best-selling Network+ Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the focused and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification self-study guides, this book provides: Clear and concise information on networking essentials. Practical examples and insights drawn from real-world experience. Leading-edge exam preparation software, including a test engine and electronic flashcards. You'll also find authoritative coverage of key exam topics, including: Media and Topologies Protocols and Standards Network Implementation Network Support Reviewed and approved as CompTIA Authorized Quality Curriculum (CAQC), this book provides numerous study advantages with CAQC materials, including coverage of all exam objectives, implementation of important instructional design principles, and instructional reviews that help students assess their learning comprehension and readiness for the exam. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Infotech, second edition, is a comprehensive course for intermediate level learners who need to be able to understand the English of computing for study and work. Thoroughly revised by the same author it offers up to date material on the this fast moving area. The course does not require a specialist knowledge of computers on either the part of the student or the teacher. The 30 units are organized into seven thematically linked sections and cover a range of subject matter, from Input/output devices for the disabled to Multimedia and Internet issues. Key features of the Teacher's Book: - exhaustive support for the teacher, with technical help where needed - a photocopiable extra activities section - answer key and transcripts

Case-based and heavily illustrated, Intraoperative and Interventional Echocardiography: Atlas of Transesophageal Imaging, 2nd Edition covers virtually every clinical scenario in which you're likely to use TEE. Drs. Donald C. Oxorn and Catherine M. Otto provide practical, how-to guidance on transesophageal echocardiography, including new approaches and state-of-the-art technologies. More than 1,500 images sharpen your image acquisition and analysis skills and help you master this challenging technique. Real-world cases and abundant, detailed figures and tables show you exactly how to proceed, step by step, and get the best results. Each case begins with a brief presentation and discussion, and integrates clinical echocardiography, surgical pathology, and other imaging data. Clear descriptions of preoperative pathology guide you in choosing the best approach to common problems. The practice-based learning approach with expert commentary for each case helps you retain complex information and apply it in your daily practice. Every chapter has been thoroughly revised, with discussions of new technology and new techniques, including several techniques that are on the verge of becoming mainstream. New chapters cover current transcatheter valve therapies and device closures.

Digital Art History

Infotech Teacher's Book

High Performance Computing

Introduction to Linux (Third Edition)

Informix Unleashed

American Government

**The new edition of this market-leading textbook provides a holistic introduction to the academic study of entrepreneurship and offers practical guidance for prospective entrepreneurs. Adopting a life-cycle view of a business from start-up to maturity, it explores the many stages and forms of entrepreneurship. With an international outlook and expert synthesis of both theoretical foundations and lessons from real-life business practice, the book offers a complete course guide, fostering entrepreneurial talent, thinking and skills.**

**The author's engaging style and unrivalled expertise drawn from a long-ranging career (as an academic, accountant and entrepreneur) make the book accessible and authoritative. This is an ideal textbook for those studying Entrepreneurship or Small Business on undergraduate business or management degree courses, as well as on MBA programmes. It will also appeal to those looking to launch their own businesses. New to this Edition: - Updated international case studies from entrepreneurs and small businesses, ranging from Oman to Australia - First-hand, detailed stories from real-life entrepreneurs in brand new video interviews integrated throughout the text - Increased and integrated coverage of social and civic enterprise and hot topics such as effectuation and lean entrepreneurship**

**Celebrated for bringing a personal touch to history in her Pulitzer Prize–winning epic The Guns of August and other classic books, Barbara W. Tuchman reflects on world events and the historian’s craft in these perceptive, essential essays. From thoughtful pieces on the historian’s role to striking insights into America’s past and present to trenchant observations on the international scene, Barbara W. Tuchman looks at history in a unique way and draws lessons from what she sees. Spanning more than four decades of writing in The New York Times Magazine, The Atlantic, Foreign Affairs, Harper’s, The Nation, and The Saturday Evening Post, Tuchman weighs in on a range of eclectic topics, from Israel and Mao Tse-tung to a Freudian reading of Woodrow Wilson. This is a splendid body of work, the story of a lifetime spent “practicing history.” Praise for Practicing History “Persuades and enthalls. . . I can think of no better primer for the nonexpert who wishes to learn history.”—Chicago Sun-Times “Provocative, consistent, and beautifully readable, an event not to be missed by history buffs.”—Baltimore Sun “A delight to read.”—The New York Times Book Review**

**Powerful, flexible, and easy to use, Python is an ideal language for building software tools and applications for life science research and development. This unique book shows you how to program with Python, using code examples taken directly from bioinformatics.**

**In a short time, you'll be using sophisticated techniques and Python modules that are particularly effective for bioinformatics programming. Bioinformatics Programming Using Python is perfect for anyone involved with bioinformatics -- researchers, support staff, students, and software developers interested in writing bioinformatics applications. You'll find it useful whether you already use Python, write code in another language, or have no programming experience at all. It's an excellent self-instruction tool, as well as a handy reference when facing the challenges of real-life programming tasks. Become familiar with Python's fundamentals, including ways to develop simple applications Learn how to use Python modules for pattern matching, structured text processing, online data retrieval, and database access Discover generalized patterns that cover a large proportion of how Python code is used in bioinformatics Learn how to apply the principles and techniques of object-oriented programming Benefit from the "tips and traps" section in each chapter**

**Illustrate your data in a more interactive and interesting way using Tableau Public About This Book Learn the basics of creating visualizations with Tableau using this concise reference book Understand how to join and aggregate your data sources using Tableau It is a step by step guide that uses examples to help you understand the key concepts and feature of Tableau Public Who This Book Is For This book is targeted at investigative journalists and bloggers with an interest in making rich and interactive data visualizations.**

**Intermediate Tableau Public users and organizations can also use this book as a reference guide and teaching aid. Members of the media team, such as data specialists, web developers, editors, producers, and managers can also benefit from an understanding of the structure and challenges of writing an interactive and interesting data visualization using Tableau Public. What You Will Learn Connect to various data sources and understand what data is appropriate for Tableau Public Understand chart types and when to use specific chart types with different types of data Join and aggregate data for use in Tableau Public data stories Discover features of Tableau Public, from basic to advanced Involve calculations in Tableau Public Build geographic maps to bring context to data Create dashboards from one or more separate data visualizations Create filters and actions to allow greater interactivity to Tableau Public visualizations and dashboards Publish and embed Tableau visualizations and dashboards in articles In Detail Tableau Public is a very useful tool in anyone's data reporting toolbox that allows authors to add an interactive data element to any article. It allows investigative journalists and bloggers to tell a “data story”, allowing others to explore your data visualization. The relative ease of Tableau Public visualization creation allows data stories to be developed rapidly. It allows readers to explore data associations in multiple-sourced public data, and uses state-of-the-art dashboard and chart graphics to immerse the users in an interactive experience. This book offers investigative journalists, bloggers, and other data story tellers a rich discussion of visualization creation topics, features, and functions. This book allows data story tellers to quickly gain confidence in understanding and expanding their visualization-creation knowledge, and allows them to quickly create interesting, interactive data visualizations to bring a richness and vibrancy to complex articles. The book takes you from basic concepts in visualization creation, like connecting to data sources, cleansing data, chart types, common functions, map creation, and publishing to the Web, to more advanced functions. It is a great overview and reference guide for beginner to intermediate Tableau Public data story tellers, and covers creation of Tableau Public visualizations of varying complexities. Style and approach This book is a crisp, systematic, and tutorial-styled guide to building interactive Tableau visualizations.**

Punk Archaeology

Whose Book is it Anyway?

Multimedia Systems

Exploring Information

English for Computer Users

Passages Level 2 Student's Book B

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need. For new users, it is an exploration tour and getting started guide, with exercises at the end of each chapter. Advanced trainees can consider it a desktop reference, a collection of the base knowledge needed to tackle system and network administration. To help you work more effectively with Linux, this book contains hundreds of real life examples derived from the author's experience as a Linux system and network administrator, trainer and consultant. These examples will help you to get a better understanding of the Linux system and feel encouraged to try out things on your own.

Data Science and Big Data Analytics is about harnessing the power of data for new insights. The book covers the breadth of activities and methods and tools that Data Scientists use. The content focuses on concepts, principles and practical applications that are applicable to any industry and technology environment, and the learning is supported and explained with examples that you can replicate using open-source software. This book will help you: Become a contributor on a data science team Deploy a structured lifecycle approach to data analytics problems Apply appropriate analytic techniques and tools to analyzing big data Learn how to tell a compelling story with data to drive business action Prepare for EMC Proven Professional Data Science Certification Corresponding data sets are available from the book's page at Wiley which you can find on the Wiley site by searching for the ISBN 9781118876138. Get started discovering, analyzing, visualizing, and presenting data in a meaningful way today!

Uncovers a host of problems and suggested solutions for issues ranging from protecting data from thieves or spies; backing up and storing files; and safeguarding from viruses to choosing bars, chains, and locks to prevent physical removal. Original. (All Users).

One of the main concerns for digital photographers today is asset management: how to file, find, protect, and re-use their photos. The best solutions can be found in The DAM Book, our bestselling guide to managing digital images efficiently and effectively. Anyone who shoots, scans, or stores digital photographs is practicing digital asset management (DAM), but few people do it in a way that makes sense. In this second edition, photographer Peter Krogh -- the leading expert on DAM -- provides new tools and techniques to help professionals, amateurs, and students: Understand the image file lifecycle: from shooting to editing, output, and permanent storage Learn new ways to use metadata and key words to track photo files Create a digital archive and name files clearly Determine a strategy for backing up and validating image data Learn a catalog workflow strategy, using Adobe Bridge, Camera Raw, Adobe Lightroom, Microsoft Expression Media, and Photoshop CS4 together Migrate images from one file format to another, from one storage medium to another, and from film to digital Learn how to copyright images To identify and protect your images in the marketplace, having a solid asset management system is essential. The DAM Book offers the best approach.

Principles and Practice

Digital Asset Management for Photographers

A Brief Introduction

Dissociative Recombination

Selected Essays

Bioinformatics Programming Using Python

Whose Book is it Anyway? is a provocative collection of essays that opens out the copyright debate to questions of open access, ethics, and creativity. It includes views – such as artist's perspectives, writer's perspectives, feminist, and international perspectives – that are too often marginalized or elided altogether. The diverse range of contributors take various approaches, from the scholarly and the essayistic to the graphic, to explore the future of publishing based on their experiences as publishers, artists, writers and academics. Considering issues such as intellectual property, copyright and comics, digital publishing and remixing, and what it means (not) to say one is an author, these vibrant essays urge us to view central aspects of writing and publishing in a new light. Whose Book is it Anyway? is a timely and varied collection of essays. It asks us to reconceive our understanding of publishing, copyright and open access, and it is essential reading for anyone invested in the future of publishing.

Passages, Third Edition, is a two-level, multi-skills course that will quickly and effectively move adult and young-adult learners of English from high-intermediate to the advanced level. Student's Book B comprises the second half (Units 7-12) of the complete Level 2 Student's Book. Each of the Passages, Third Edition, Student's Books have been updated to offer fresh, contemporary content, relevant speaking and listening activities, comprehensive grammar and vocabulary support, enhanced reading skills development, and a step-by-step academic writing strand. Frequent communication reviews will systematically consolidate learning, while the popular Grammar Plus and new Vocabulary Plus sections in the back of the Student's Book provide additional skills support.

This book constitutes revised selected papers from 7 workshops that were held in conjunction with the ISC High Performance 2016 conference in Frankfurt, Germany, in June 2016. The 45 papers presented in this volume were carefully reviewed and selected for inclusion in this book. They stem from the following workshops: Workshop on Exascale Multi/Many Core Computing Systems, E-MuCoCoS; Second International Workshop on Communication Architectures at Extreme Scale, ExaComm; HPC I/O in the Data Center Workshop, HPC-IODC; International Workshop on OpenPOWER for HPC, IWOPH; Workshop on the Application Performance on Intel Xeon Phi – Being Prepared for KNL and Beyond, IXPUG; Workshop on Performance and Scalability of Storage Systems, WOPSSS; and International Workshop on Performance Portable Programming Models for Accelerators, P3MA.

The DAM BookDigital Asset Management for Photographers“O’Reilly Media, Inc.”

Linguistics

Practical Programming for Biological Data

The Study Skills Book eBook

Myth and Geology

The DAM Book

Design Patterns in PHP and Laravel

**Designed for health care professionals in multiple disciplines and clinical settings, this comprehensive, evidence-based wound care text provides basic and advanced information on wound healing and therapies and emphasizes clinical decision-making. The text integrates the latest scientific findings with principles of good wound care and provides a complete set of current, evidence-based practices. This edition features a new chapter on wound pain management and a chapter showing how to use negative pressure therapy on many types of hard-to-heal wounds. Technological advances covered include ultrasound for wound debridement, laser treatments, and a single-patient-use disposable device for delivering pulsed radio frequency.**

**This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Today's Up-to-Date, Step-by-Step Guide to Designing Active Microwave Circuits Microwave Circuit Design is a complete guide to modern circuit design, including simulation tutorials that demonstrate Keysight Technologies' Advanced Design System (ADS), one of today's most widely used electronic design automation packages. And the software-based circuit design techniques that Yeom presents can be easily adapted for any modern tool or environment. Throughout, author Kyung-Whan Yeom uses the physical interpretation of basic concepts and concrete examples—not exhaustive calculations—to clearly and concisely explain the essential theory required to design microwave circuits, including passive and active device concepts, transmission line theory, and the basics of high-frequency measurement. To bridge the gap between theory and practice, Yeom presents real-world, hands-on examples focused on key elements of modern communication systems, radars, and other microwave transmitters and receivers. Practical coverage includes Up-to-date microwave simulation design examples based on ADS and easily adaptable to any simulator Detailed, step-by-step derivations of key design parameters related to procedures, devices, and performance Relevant, hands-on problem sets in every chapter Clear discussions of microwave IC categorization and roles; passive device impedances and equivalent circuits; coaxial and microstrip transmission lines; active devices (FET, BJT, DC Bias); and impedance matching A complete, step-by-step introduction to circuit simulation using the ADS toolset and window framework Low noise amplifier (LNA) design: gains, stability, conjugate matching, and noise circles Power amplifier (PA) design: optimum load impedances, classification, linearity, and composite PAs Microwave oscillator design: oscillation conditions, phase noise, basic circuits, and dielectric resonators Phase lock loops (PLL) design: configuration, operation, components, and loop filters Mixer design: specifications, Schottky diodes, qualitative analysis of mixers (SEM, SBM, DBM), and quantitative analysis of single-ended mixer (SEM) Microwave Circuit Design brings together all the practical skills graduate students and professionals need to successfully design today's active microwave circuits.**

**The deployment of a large number of soldiers, police officers and civilian personnel inevitably has various effects on the host society and economy, not all of which are in keeping with the peacekeeping mandate and intent or are easily discernible prior to the intervention. This book is one of the first attempts to improve our understanding of unintended consequences of peacekeeping operations, by bringing together field experiences and academic analysis. The aim of the book is not to discredit peace operations but rather to improve the way in which such operations are planned and managed.**

**Multimedia Systems discusses the basic characteristics of multimedia operating systems, networking and communication, and multimedia middleware systems. The overall goal of the book is to provide a broad understanding of multimedia systems and applications in an integrated manner: a multimedia application and its user interface must be developed in an integrated fashion with underlying multimedia middleware, operating systems, networks, security, and multimedia devices. Fundamental characteristics of multimedia operating and distributed communication systems are presented, especially scheduling algorithms and other OS supporting approaches for multimedia applications with soft-real-time deadlines, multimedia file systems and servers with their decision algorithms for data placement, scheduling and buffer management,**

**multimedia communication, transport, and streaming protocols, services with their error control, congestion control and other Quality of Service aware and adaptive algorithms, synchronization services with their skew control methods, and group communication with their group coordinating algorithms and other distributed services.**

**Unintended Consequences of Peacekeeping Operations**

**Hope-Focused Marriage Counseling**

**Network+ Study Guide**

**Practicing History**

**International Public Health: Diseases, Programs, Systems and Policies**

This book is designed to introduce students to programming and computational thinking through the lens of exploring data. You can think of Python as your tool to solve problems that are far beyond the capability of a spreadsheet. It is an easy-to-use and easy-to-learn programming language that is freely available on Windows, Macintosh, and Linux computers. There are free downloadable copies of this book in various electronic formats and a self-paced free online course where you can explore the course materials. All the supporting materials for the book are available under open and remixable licenses. This book is designed to teach people to program even if they have no prior experience.

Proceedings of a NATO ARW held in Saint Jacut de la Mer, Brittany, France, May 3-8, 1992

Is there a secret to successful study? The answer is 'yes'! There are some essential skills and smart strategies that will help you to improve your results at university. Using proven techniques and tips to help you focus your efforts and develop successful study skills and strategies, THE STUDY SKILLS BOOK provides practical answers to questions such as: What do lecturers expect from you in a tutorial? What's the best way to plan an essay or dissertation? Where should you concentrate your efforts for maximum impact? This book is an essential practical resource for all students who want to improve their performance and succeed in their studies: All key study skills are covered including essay writing, revision and exams, tutorials, and dissertations Practical solutions are presented for the most common problems A common-sense, no-nonsense approach is offered using practical checklists and tips This handbook has been written by experts and extensively tested on students to help you focus your efforts, troubleshoot your problems and thrive at university. "Every aspect of university life is covered - my tip to other students is to have this book on their desk and use it - (it) has been a great help", Sarah Scott, Student "This book really is a must have for any first year student!! Easy to read, intelligent and the best help a first year could ever want!", Alastair Ross, Amazon reviewer "This book really will be a godsend to you during your time at university. It's like my bible now - I'm so glad I bought it!", Fi Wordsworth, Amazon reviewer

IBM® Cloud Private is an application platform for developing and managing containerized applications across hybrid cloud environments, on-premises and public clouds. It is an integrated environment for managing containers that includes the container orchestrator Kubernetes, a private image registry, a management console, and monitoring frameworks. This IBM Redbooks covers tasks performed by IBM Cloud Private system administrators such as installation for high availability, configuration, backup and restore, using persistent volumes, networking, security, logging and monitoring. Istio integration, troubleshooting and so on. As part of this project we also developed several code examples and you can download those from the IBM Redbooks GitHub location:

<https://github.com/IBMRedbooks>. The authors team has many years of experience in implementing IBM Cloud Private and other cloud solutions in production environments, so throughout this document we took the approach of providing you the recommended practices in those areas. If you are an IBM Cloud Private system administrator, this book is for you. If you are developing applications on IBM Cloud Private, you can see the IBM Redbooks publication IBM Cloud Private Application Developer's Guide, SG24-8441.

Atlas of Transesophageal Imaging E-Book

Start-up, Growth and Maturity

CISA Certified Information Systems Auditor Study Guide

Data Science and Big Data Analytics

World Energy Outlook 2008

Exam N10-003

A fresh, accessible perspective on the fundamentals

This book is a straightforward introduction to linguistics for those approaching this fascinating and fast-expanding field of study for the first time.

Everett L. Worthington Jr. offers a comprehensive manual for assisting couples over common rough spots and through serious problems in a manner that is compassionate, effective and brief.

Learn each of the original gang of four design patterns, and how they are relevant to modern PHP and Laravel development. Written by a working developer who uses these patterns every day, you will easily be able to implement each pattern into your workflow and improve your development. Each pattern is covered with full examples of how it can be used. Too often design patterns are explained using tricky concepts, when in fact they are easy to use and can enrich your everyday development. Design Patterns in PHP and Laravel aims to break down tricky concepts into humorous and easy-to-recall details, so that you can begin using design patterns easily in your everyday work with PHP and Laravel. This book teaches you design patterns in PHP and Laravel using real-world examples and plenty of humor. What You Will Learn Use the original gang of four design patterns in your PHP and Laravel development How each pattern should be used Solve problems when using the patterns Remember each pattern using mnemonics Who This Book Is For People using Laravel and PHP to do their job and want to improve their understanding of design patterns.

Introduction to Linux (Second Edition)

Kid's Box 2 Teacher's Book

Python for Informatics

Operating Systems

Intraoperative and Interventional Echocardiography

Protect Your Macintosh

"This book is the first peer-reviewed collection of papers focusing on the potential of myth storylines to yield data and lessons that are of value to the geological sciences. Building on the nascent discipline of geomorphology, scientists and scholars from a variety of disciplines have contributed to this volume. The geological hazards (such as earthquakes, tsunamis, volcanic eruptions and cosmic impacts) that have given rise to myths are considered, as are the sacred and cultural values associated with rocks, fossils, geological formations and landscapes. There are also discussions about the historical and literary perspectives of geomorphology. Regional coverage includes Europe and the Mediterranean, Afghanistan, Cameroon, India, Australia, Japan, Pacific islands, South America and North America. Myth and Geology challenges the widespread notion that myths are fictitious or otherwise lacking in value for the physical sciences." -- BOOK JACKET.

Summary Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. Fully updated for Spark 2.0. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Big data systems distribute datasets across clusters of machines, making it a challenge to efficiently query, stream, and interpret them. Spark can help. It is a processing system designed specifically for distributed data. It provides easy-to-use interfaces, along with the performance you need for production-quality analytics and machine learning. Spark 2 also adds improved programming APIs, better performance, and countless other upgrades. About the Book Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. You'll get comfortable with the Spark CLI as you work through a few introductory examples. Then, you'll start programming Spark using its core APIs. Along the way, you'll work with structured data using Spark SQL, process near-real-time streaming data, apply machine learning algorithms, and munge graph data using Spark GraphX. For a zero-effort startup, you can download the preconfigured virtual machine ready for you to try the book's code. What's Inside Updated for Spark 2.0 Real-life case studies Spark DevOps with Docker Examples in Scala, and online in Java and Python About the Reader Written for experienced programmers with some background in big data or machine learning. About the Authors Petar Zečević and Marko Bonačić are seasoned developers heavily involved in the Spark community. Table of Contents PART 1 - FIRST STEPS Introduction to Apache Spark Spark fundamentals Writing Spark applications The Spark API in depth PART 2 - MEET THE SPARK FAMILY Sparkling queries with Spark SQL Ingesting data with Spark Streaming Getting smart with MLlib ML: classification and clustering Connecting the dots with GraphX PART 3 - SPARK OPS Running Spark Running on a Spark standalone cluster Running on YARN and Mesos PART 4 - BRINGING IT TOGETHER Case study: real-time dashboard Deep learning on Spark with H2O

The ultimate CISA prep guide, with practice exams Sybex's CISA: Certified Information Systems Auditor Study Guide, Fourth Edition is the newest edition of industry-leading study guide for the Certified Information System Auditor exam, fully updated to align with the latest ISACA standards and changes in IS auditing. This new edition provides complete guidance toward all content areas, tasks, and knowledge areas of the exam and is illustrated with real-world examples. All CISA terminology has been revised to reflect the most recent interpretations, including 73 definition and nomenclature changes. Each chapter summary highlights the most important topics on which you'll be tested, and review questions help you gauge your understanding of the material. You also get access to electronic flashcards, practice exams, and the Sybex test engine for comprehensively thorough preparation. For those who audit, control, monitor, and assess enterprise IT and business systems, the CISA certification signals knowledge, skills, experience, and credibility that delivers value to a business. This study guide gives you the advantage of detailed explanations from a real-world perspective, so you can go into the exam fully prepared. Discover how much you already know by beginning with an assessment test Understand all content, knowledge, and tasks covered by the CISA exam Get more in-depths explanation and demonstrations with an all-new training video Test your knowledge with the electronic test engine, flashcards, review questions, and more The CISA certification has been a globally accepted standard of achievement among information systems audit, control, and security professionals since 1978. If you're looking to acquire one of the top IS security credentials, CISA is the comprehensive study guide you need.

This book looks at the transformation that Art and Art history is undergoing through engagement with the digital revolution. Since its initiation in 1985, CHART (Computers and the History of Art) has set out to promote interaction between the rapidly developing new Information Technology and the study and practice of Art. It has become increasingly clear in recent years that this interaction has led, not just to the provision of new tools for the carrying out of existing practices, but to the evolution of unprecedented activities and modes of thought. This collection of papers represents the variety, innovation and richness of significant presentations made at the CHART Conferences of 2001 and 2002. Some show new methods of teaching being employed, making clear in particular the huge advantages that IT can provide for engaging students in learning and interactive discussion. It also shows how much is to be gained from the flexibility of the digital image. ã or could be gained if the road block of copyright is finally overcome. Others look at the impact on collections and archives, showing exciting ways of using computers to make available information about collections and archives and to provide new accessibility to archives. The way such material can now be accessed via the internet has revolutionized the search methods of scholars, but it has also made information available to all. However the internet is not only about access. Some papers here show how it also offers the opportunity of exploring the structure of images and dealing with the fascinating possibilities offered by digitisation for visual analysis, searching and reconstruction. Another challenging aspect covered here are the possibilities offered by digital media for new art forms. One point that emerges is that digital art is not some discreet practice, separated from other art forms. It is rather an approach that can involve all manner of association with both other art practices and with other forms of presentation and enquiry, demonstrating that we are witnessing a revolution that affects all our activities and not one that simply leads to the establishment of a new discipline to set alongside others.

Microwave Circuit Design

Creating Data Stories with Tableau Public

Discovering, Analyzing, Visualizing and Presenting Data

Wound Care

Entrepreneurship and Small Business

A Collaborative Practice Manual

**Over the past two decades, there has been a huge amount of innovation in both the principles and practice of operating systems Over the same period, the core ideas in a modern operating system - protection, concurrency, virtualization, resource allocation, and reliable storage - have become widely applied throughout computer science. Whether you get a job at Facebook, Google, Microsoft, or any other leading-edge technology company, it is impossible to build resilient, secure, and flexible computer systems without the ability to apply operating systems concepts in a variety of settings. This book examines the both the principles and practice of modern operating systems, taking important, high-level concepts all the way down to the level of working code. Because operating systems concepts are among the most difficult in computer science, this top to bottom approach is the only way to really understand and master this important material.**

**In keeping with the Unleashed series, this book is one of the most comprehensive sources for Informix information on the market. Informix Unleashed covers all aspects of the program, from installation and configuration through all phases of development and administration. The CD contains code from the book, as well as libraries, sample utilities, and third part programs.**

**Translation as a profession provides an in-depth analysis of the translating profession and the translation industry. The book starts with a presentation of the diversity of translations and an overview of the translation-localisation process.**

**The second section describes the translation profession and the translators' markets. The third section considers the process of 'becoming' a translator, from the moment people find out whether they have the required qualities to the moment when they set up shop or find a job, with special emphasis on how to find and hold on to clients, avoiding basic mistakes. The fourth section concentrates on the vital professional issues of costs, rates, deadlines, time to market, productivity, ethics, standards, qualification, certification, and professional recognition. The fifth section is devoted to the developments that have provoked ongoing changes in the profession and industry, such as ICT, and the impact of industrialisation, internationalisation, and globalisation. The final section is devoted to the major issues involved in translator training. A glossary is provided, together with a list of Websites for further browsing.**

**A Practical Approach Using ADS**

**Theory, Experiment, and Applications**

**Spark in Action**

**The Resident Course**