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Pass the LEED AP ID+C Exam, Get Your Building LEED Certified, Fight Global Warming and Save Money! The USGBC released LEED v4 in GreenBuild International Conference and Expo in November 2013. The GBCI started to include the new LEED v4 content for all LEED exams in June 2014. We have incorporated the new LEED v4 content in this book. LEED (Leadership in Energy and Environmental Design) is one of the most important trends in development and is revolutionizing the construction industry. It has gained tremendous momentum and has a profound impact on our environment. From this book, you will be able to: 1. Identify your weakness through practice questions 2. Learn to work well under the pressure of timed tests 3. Check your responses against the solutions 4. Understand the solutions for the difficult questions through the explanations 5. Fully understand the scope, difficulty level, and format of the LEED ID&C Exam 6. Learn how to pass the LEED ID&C Exam There is NO official GBCI book on the LEED AP ID+C Exam. LEED AP ID+C Mock Exams fills in the blanks and demystifies LEED. The book includes 200 questions and simulates the real exam in every aspect, including scope, difficulty level, format, and number of questions in each LEED category. It includes questions, answers, and explanations. This book is small and easy to carry around. You can read it whenever you have spare minutes. It is an indispensable resource for ordinary people, developers, brokers, contractors, administrators, architects, landscape architects, engineers, interns, drafters, designers, and other design professionals. All our books are available at GreenExamEducation.com Check out FREE tips and info for all LEED Exams and ARE Exams at GeeForum.com, you can post your questions for other users' review.
E-science i Tm (science and Technology)' 2003 Ed. IGI Global
Innovative technologies are changing the way research is performed, preserved, and communicated. Managing Scientific Information and Research Data explores how these technologies are used and provides detailed analysis of the approaches and tools developed to manage scientific information and data. Following an introduction, the book is then divided into 15 chapters discussing the changes in scientific communication; new models of publishing and peer review; ethics in scientific communication; preservation of data; discovery tools; discipline-specific practices of researchers for gathering and using scientific information; academic social networks; bibliographic management tools; information literacy and the information needs of students and researchers; the involvement of academic libraries in eScience and the new opportunities it presents to librarians; and interviews with experts in scientific information and publishing. Promotes innovative technologies for creating, sharing and managing scientific content Presents new models of scientific publishing, peer review, and dissemination of information Serves as a practical guide for researchers, students, and librarians on how to discover, filter, and manage scientific information Advocates for the adoption of unique author identifiers such as ORCID and ResearcherID Looks into new tools that make scientific information easy to discover and manage Shows what eScience is and why it is becoming a priority for academic libraries Demonstrates how Electronic Laboratory Notebooks can be used to record, store, share, and manage research data Shows how social media and the new area of Altmetrics increase researchers' visibility and measure attention to their research Directs to sources for datasets Provides directions on choosing and using bibliographic management tools Critically examines the metrics used to evaluate research impact Aids strategic thinking and informs decision making
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Help students explore and understand the world around them With the full-color Physical Science text, students learn the properties of matter, elements, compounds, electricity, and sound and light. Students reading significantly below grade level gain practice in working with data and sharpen their abilities to infer, classify, and theorize. Lexile Level 840 Reading Level 3-4 Interest Level 6-12
Symmetry SDC Publications
Vols. for 1963- include as pt. 2 of the Jan. issue: Medical subject headings.
My Life is Failure Carson-Dellosa Publishing
This book contains the refereed proceedings of the 6th International Conference on Exploring Service Science (IESS), held in Porto, Portugal, in February 2015. Service science constitutes an interdisciplinary approach to systematic innovation in service systems, integrating managerial, social, legal, and engineering aspects to address the theoretical and practical challenges of the service industry and its economy. The 27 full papers accepted for IESS were selected from 69 submissions. The papers consider the topics service innovation, service exploration, service design, IT-based service engineering, and service sustainability.
Frameworks for Developing Efficient Information Systems: Models, Theory, and Practice IGI Global
The Practice of Reproducible Research presents concrete examples of how researchers in the data-intensive sciences are working to improve the reproducibility of their research projects. In each of the thirty-one case studies in this volume, the author or team describes the workflow that they used to complete a real-world research project. Authors highlight how they utilized particular tools, ideas, and practices to support reproducibility, emphasizing the very practical how, rather than the why or what, of conducting reproducible research. Part 1 provides an accessible introduction to reproducible research, a basic reproducible research project template, and a synthesis of lessons learned from across the thirty-one case studies. Parts 2 and 3 focus on the case studies themselves. The Practice of Reproducible Research is an invaluable resource for students and researchers who wish to better understand the practice of data-intensive sciences and learn how to make their own research more reproducible.
Science Education IGI Global
Hands-on, inquiry-based, and relevant to every studentOCOs life, Gourmet Lab serves up a full menu of activities for science teachers of grades 6OCo12. This collection of 15 hands-on experimentsOCoeach of which includes a full set of both student and teacher pagesOCochallenges

students to take on the role of scientist and chef, as they boil, bake, and toast their way to better understanding of science concepts from chemistry, biology, and physics. By cooking edible items such as pancakes and butterscotch, students have the opportunity to learn about physical changes in states of matter, acids and bases, biochemistry, and molecular structure.The Teacher pages include Standards addressed in each lab, a vocabulary list, safety protocols, materials required, procedures, data analysis, student questions answer key, and conclusions and connections to spur wrap-up class discussions. Cross-curricular notes are also included to highlight the lessonOCOs connection to subjects such as math and literacy. Finally, optional extensions for both middle school and high school levels detail how to explore each concept further. What better topic than food to engage students to explore science in the natural world?"

STEM Labs: Food Production Springer Science & Business Media

When everything you count on for your existence fails, could you survive? Within days of a series of monster solar storms slamming into earth, electrical grids fail and everything in the northern hemisphere with a computer chip ceases functioning. Electricity can’t be completely restored for at least a decade, and the result that everything modern life depends on to function is gone. There is no way to pump gas or water. Cell towers are wiped out, along with satellites. Airplanes and most vehicles will not operate. Communication is practically impossible. People cannot access life-saving prescription drugs or food. Police, fire services, and the military are overwhelmed, and hospitals can’t cope. There’s no one to come to the rescue, and as mass panic ensues, people begin dying. Fear and violence escalate until society collapses. An unlikely hero emerges. Chaco is a well-educated freedom fighter on a death list in El Salvador. Having fled to the United States, he is in hiding by working for a wealthy couple as their handyman and gardener. Following the disaster, he reveals his true identity, and convinces his employers and their neighbors to follow him over brutal mountain passes to a self-sufficient commune nearly 800 miles away. But only a few will survive. Readers' reviews: "So exciting couldn't put down!" "Great adventure into the potential unknown world of the future." "Very entertaining read!" If you liked this book, check out Peggy's fantasy fairy tale, The Splendid and Extraordinary Life of Beautimus Potamus as well! About the Author Peggy A. Wheeler is a writer of fantastical fiction. Her debut novel, THE RAVEN'S DAUGHTER is published by Dragon Moon Press in Canada. Peggy studied English and Creative Writing at the U.C.L.A., where she was the only undergraduate chosen to study with Robert Pinsky, former Poet Laureate of the United States. Peggy has led adult poetry and fiction writing critique groups and workshops in both Colorado and California.

Physical Science Lab Manual Answer Key Springer

This book provides an accessible introduction to, and overview of, the digital humanities, one of the fastest growing areas of literary studies. Lane takes a unique approach by focusing on the technologies and the new environment in which the digital humanities largely takes place: the digital laboratory. The book provides a brief history of DH, explores and explains the methodologies of past and current DH projects, and offers resources such as detailed case studies and bibliographies. Further, the focus on the digital laboratory space reveals affiliations with the types of research that have traditionally taken place in the sciences, as well as convergences with other fast-growing research spaces, namely innovation labs, fabrication labs, maker spaces, digital media labs, and change labs. The volume highlights the profound transformation of literary studies that is underway, one in which the adoption of powerful technology – and concomitantly being situated within a laboratory environment – is leading to an important re-engagement in the arts and humanities, and a renewed understanding of literary studies in the digital age, as well as a return to large-scale financial investment in humanistic research. It will be useful to students and teachers, as well as administrators and managers in charge of research infrastructure and funding decisions who need an accessible overview of this technological transformation in the humanities. Combining useful detail and an overview of the field, the book will offers accessible entry into this rapidly growing field.

Chaco Routledge

This book covers important aspects of fundamental research in data provenance and data management(DPDM), including provenance representation and querying, as well as practical applications in such domains as clinical trials, bioinformatics and radio astronomy.

How to Study Univ of California Press

An essential collection of essays for librarians looking to support E-science programs and capabilities to their institutions. From the frontiers of contemporary information science research comes this helpful and timely volume for libraries preparing for the deluge of data that E-science can deliver to their patrons and institutions. The Data Deluge: Can Libraries Cope with E-Science? brings together nine of the world's foremost authorities on the capabilities and requirements of E-science, offering their perspectives to librarians hoping to develop similar programs for their own institutions. The essays contained in The Data Deluge were adapted from papers first delivered at the prestigious annual Library Round Table at the Kanazawa Institute of Technology, where E-science has been the theme from the past two annual conferences. Now this groundbreaking work is available in convenient printed format for the first time. The essays are divided into three parts: an overview of E-science challenges for libraries; perspectives on E-science; and perspectives from individual research libraries.

The Practice of Reproducible Research Elsevier Health Sciences

Eukaryotic Microbes presents chapters hand-selected by the editor of the Encyclopedia of Microbiology, updated whenever possible by their original authors to include key developments made since their initial publication. The book provides an overview of the main groups of eukaryotic microbes and presents classic and cutting-edge research on content relating to fungi and protists, including chapters on yeasts, algal blooms, lichens, and intestinal protozoa. This concise and affordable book is an essential reference for students and researchers in microbiology, mycology, immunology, environmental sciences, and biotechnology. Written by recognized authorities in the field Includes all major groups of eukaryotic microbes, including protists, fungi, and microalgae Covers material pertinent to a wide range of students, researchers, and technicians in the field

Data Provenance and Data Management in eScience Rex Bookstore, Inc.

Performance-based assessments allow classroom teachers an alternative to traditional multiple-choice tests. We often use fill-in-the bubble assessments in education to determine the readiness of students. However, in the 21st-century workplace, these types of tests fail to truly prepare students. How many times in the real world are we called upon to take a multiple-choice test? In the real

world, we are called upon to prove our merit through performance-based assessments, displaying our 21st-century skills. We should be preparing students for this in the classroom. Performance-Based Assessment for 21st-Century Skills makes the argument that teachers should use performance-based assessments in the classroom. It guides the educator step by step to show how he or she can create performance-based assessments for students, including what they look like, teaching students how to create them, setting the proper classroom environment, and how to evaluate them.

The Data Deluge Taylor & Francis

"This reference presents a vital compendium of research detailing the latest case studies, architectures, frameworks, methodologies, and research on Grid and Cloud Computing"--

A Pattern Language for Sharing Science Practice Chandos Publishing

Data-intensive science has the potential to transform scientific research and quickly translate scientific progress into complete solutions, policies, and economic success. But this collaborative science is still lacking the effective access and exchange of knowledge among scientists, researchers, and policy makers across a range of disciplines. Bringing together leaders from multiple scientific disciplines, Data-Intensive Science shows how a comprehensive integration of various techniques and technological advances can effectively harness the vast amount of data being generated and significantly accelerate scientific progress to address some of the world's most challenging problems. In the book, a diverse cross-section of application, computer, and data scientists explores the impact of data-intensive science on current research and describes emerging technologies that will enable future scientific breakthroughs. The book identifies best practices used to tackle challenges facing data-intensive science as well as gaps in these approaches. It also focuses on the integration of data-intensive science into standard research practice, explaining how components in the data-intensive science environment need to work together to provide the necessary infrastructure for community-scale scientific collaborations. Organizing the material based on a high-level, data-intensive science workflow, this book provides an understanding of the scientific problems that would benefit from collaborative research, the current capabilities of data-intensive science, and the solutions to enable the next round of scientific advancements.

E-science i (science and Technology)' 2003 Ed. Springer

NEW! Emphasis on clinical reasoning provides insights and clinical expertise to help you develop clinical judgment skills. NEW! Enhanced emphasis on patient safety and healthcare quality, particularly as it relates to sports participation. NEW! Content on documentation has been updated with a stronger focus on electronic charting (EHR/EMR). NEW! Enhanced social inclusiveness and patient-centeredness incorporates LGBTQ patients and providers, with special a emphasis on cultural competency, history-taking, and special considerations for examination of the breasts, female and male genitalia, reproductive health, thyroid, and anus/rectum/prostate. NEW! Telemedicine, virtual consults, and video interpreters content added to the Growth, Measurement, and Nutrition chapter. NEW! Improved readability with a clear, straightforward, and easy-to-understand writing style. NEW! Updated drawing, and photographs enhance visual appeal and clarify anatomical content and exam techniques.

Index Medicus Academic Press

With the increasing focus on science education, growing attention is being paid to how science is taught. Educators in science and science-related disciplines are recognizing that distance delivery opens up new opportunities for delivering information, providing interactivity, collaborative opportunities and feedback, as well as for increasing access for students. This book presents the guidance of expert science educators from the US and from around the globe. They describe key concepts, delivery modes and emerging technologies, and offer models of practice. The book places particular emphasis on experimentation, lab and field work as they are fundamentally part of the education in most scientific disciplines. Chapters include:* Discipline methodology and teaching strategies in the specific areas of physics, biology, chemistry and earth sciences.* An overview of the important and appropriate learning technologies (ICTs) for each major science.* Best practices for establishing and maintaining a successful course online.* Insights and tips for handling practical components like laboratories and field work.* Coverage of breaking topics, including MOOCs, learning analytics, open educational resources and m-learning.* Strategies for engaging your students online.

Data Driven e-Science Research & Education Assoc.

Product Description How to Study- A New Way to Study is a recently launched book of Sakha Global Books publication to hold good command over English language. This is an excellent resource for all students who wish to learn, write and speak English language from zero level to an advanced level. A perfect English resource for self-study, the series follows a guided-learning approach that gives students access to a full answer key with model answers. Developed by experienced IELTS tutors, the series takes into account the specific language needs of learners at this level. A lower-level exam practice book designed to improve the level of students who plan to take the IELTS test in the future. This book has been divided into sections and each section has been further divided into lessons. have been given, wherever necessary. Also, exercises are given at the end of every lesson for practice and solutions at the end of the book. Salient Features of the Book: • Self-Sufficient, Self-Study Book. • Detailed Explanation of English Grammar Topics. • Easy tools for Written and Spoken English. • Complete Guide to Error-free usage of English in day-to-day life. • Easy to Grasp Language for better understanding. This book has been designed to help you learn English in an easy and proper way. This is a clearly structured introductory English learning book intended to offer readers an advanced fluency in both spoken and written English. English pronunciations are given in easy way helping the readers to understand the complexities of English pronunciation. A lot of students have studied English for years but still aren’t able to speak English on an advanced level. They have tried many methods, attending classes, learning how to pronounce every single word and even getting a private English tutor to improve their spoken English, yet they still have a hard time pronouncing English words correctly or feeling too nervous to speak. The Best Proven Way to Learn and Speak English This book does not just tell you what is required but also gives details and exercises for success. If you follow the book and do the exercises, you will quickly see your speaking improve. You will be given the knowledge and resources, but you must use the methods if you want to improve your English speaking. - Author, Salim Khan Anmol

eScience on Distributed Computing Infrastructure IGI Global

To help researchers from different areas of science understand and unlock the potential of the Polish

Grid Infrastructure and to define their requirements and expectations, the following 13 pilot communities have been organized and involved in the PLGrid Plus project: Acoustics, AstroGrid-PL, Bioinformatics, Ecology, Energy Sector, Health Sciences, HEPGrid, Life Science, Materials, Metallurgy, Nanotechnologies, Quantum Chemistry and Molecular Physics, and SynchroGrid. The book describes the experience and scientific results achieved by the project partners. Chapters 1 to 8 provide a general overview of research and development activities in the framework of the project with emphasis on services for different scientific areas and an update on the status of the PL-Grid infrastructure, describing new developments in security and middleware. Chapters 9 to 13 discuss new environments and services which may be applied by all scientific communities. Chapters 14 to 36 present how the PLGrid Plus environments, tools and services are used in advanced domain specific computer simulations; these chapters present computational models, new algorithms, and ways in which they are implemented. The book also provides a glossary of terms and concepts. This book may serve as a resource for researchers, developers and system administrators working on efficient exploitation of available e-infrastructures, promoting collaboration and exchange of ideas in the process of constructing a common European e-infrastructure.

Data-Intensive Science IGI Global

"Bioinformatics: Concepts, Methodologies, Tools, and Applications highlights the area of bioinformatics and its impact over the medical community with its innovations that change how we recognize and care for illnesses"--Provided by publisher.

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