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Baumschlager Eberle Architekten 2010—2020 Dietmar Eberle 2021-04-06 In den vergangenen Jahren haben Baumschlager Eberle Architekten ihren internationalen Erfolgskurs fortgesetzt. In den Jahren 2010—2020 entstanden über 600 Bauten, Projekte und Wettbewerbe, darunter Wohnbauten, Krankenhäuser, Firmenzentralen, Hochschulbauten, und nicht zuletzt das Haus 2226, das ganz ohne Klimatechnik auskommt. Das Buch dokumentiert in Form eines kommentierten Werkverzeichnisses in chronologischer Reihenfolge alle Projekte, Wettbewerbe und Studien dieser Jahre. Über 50 realisierte Bauten werden ausführlicher behandelt. 14 der wichtigsten davon werden vertieft mit vielen Bildern, Plänen, Materialien und einem detaillierten Text präsentiert. Darüber hinaus befassen sich drei Essays und drei Interviews mit den zentralen Themen Dichte, Ressourcen und Open Building.

The English Catalogue of Books Sampson Low 1911 Vols. for 1898-1968 include a directory of publishers.

Computational Science — ICCS 2018 Yong Shi 2018-06-11 The three-volume set LNCS 10860, 10861 + 10862 constitutes the proceedings of the 18th International Conference on Computational Science, ICCS 2018, held in Wuxi, China, in June 2018. The total of 155 full and 66 short papers presented in this book set was carefully reviewed and selected from 404 submissions. The papers were organized in topical sections named: Part I: ICCS Main Track Part II: Track of Advances in High-Performance Computational Earth Sciences: Applications and Frameworks; Track of Agent-Based Simulations, Adaptive Algorithms and Solvers; Track of Applications of Matrix Methods in Artificial Intelligence and Machine Learning; Track of Architecture, Languages, Compilation and Hardware Support for Emerging ManYcore Systems; Track of Biomedical and Bioinformatics Challenges for Computer Science; Track of Computational Finance and Business Intelligence; Track of Computational Optimization, Modelling and Simulation; Track of Data, Modeling, and Computation in IoT and Smart Systems; Track of Data-Driven Computational Sciences; Track of Mathematical-Methods-and-Algorithms for Extreme Scale; Track of Multiscale Modelling and Simulation Part III: Track of Simulations of Flow and Transport: Modeling, Algorithms and Computation; Track of Solving Problems with Uncertainties; Track of Teaching Computational Science; Poster Papers

Christian Home Educators' Curriculum Manual Cathy Duffy 1997-11

Teaching Lab Science Courses Online Linda Jeschofnig 2011-02-02 Teaching Lab Science Courses Online is a practical resource for educators developing and teaching fully online lab science courses. First, it provides guidance for using learning management systems and other web 2.0 technologies such as video presentations, discussion boards, Google apps, Skype, video/web conferencing, and social media networking. Moreover, it offers advice for giving students the hands-on "wet laboratory" experience they need to learn science effectively, including the implications of implementing various lab experiences such as computer simulations, kitchen labs, and commercially assembled at-home lab kits. Finally, the book reveals how to get administrative and faculty buy-in for teaching science online and shows how to negotiate internal politics and assess the budget implications of online science instruction.

Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office 1970

Testbeds and Research Infrastructure: Development of Networks and Communities Victor C.M. Leung 2014-11-26 This book constitutes the proceedings of the 9th International Conference on Testbeds and Research Infrastructures for the Development of Networks and Communities, TridentCom 2014, held in Guangzhou, China, in May 2014. The 49 revised full papers presented were carefully selected out of 149 submissions. The conference consisted of 6 symposia covering topics such as testbed virtualization, Internet of Things, vehicular networks, SDN, NDN, large-scale testbed federation, mobile networks, wireless networks.

El-Hi Textbooks & Serials in Print, 2003 2003

Grid Computing Fran Berman 2003-04-18 Grid computing is applying the resources of many computers in a network to a single problem at the same time Grid computing appears to be a promising trend for three reasons: (1) Its ability to make more cost-effective use of a given amount of computer resources, (2) As a way to solve problems that can't be approached without an enormous amount of computing power (3) Because it suggests that the resources of many computers can be cooperatively and perhaps synergistically harnessed and managed as a collaboration toward a common objective. A number of corporations, professional groups, university consortiums, and other groups have developed or are developing frameworks and software for managing grid computing projects. The European Community (EU) is sponsoring a project for a grid for high-energy physics, earth observation, and biology applications. In the United States, the National Technology Grid is prototyping a computational grid for infrastructure and an access grid for people. Sun Microsystems offers Grid Engine software. Described as a distributed resource management tool, Grid Engine allows engineers at companies like Sony and Synopsys to pool their computer cycles on up to 80 workstations at a time. * "the Grid" is a very hot topic generating broad interest from research and industry (e.g. IBM, Platform, Avaki, Entropia, Sun, HP) * Grid architecture enables very popular e-Science projects like the Genome project which demand global interaction and networking * In recent surveys over 50% of Chief Information Officers are expected to use Grid technology this year Grid Computing: * Features contributions from the major players in the field * Covers all aspects of grid technology from motivation to applications * Provides an extensive state-of-the-art guide in grid computing This is essential reading for researchers in Computing and Engineering, physicists, statisticians, engineers and mathematicians and IT policy makers.

How to Study Salim Khan Anmol 2020-11-05 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

Frontiers in Drug Design and Discovery Atta-ur- Rahman 2010-12-13 "Frontiers in Drug Design and Discovery" is an Ebook series devoted to publishing the latest and the most important advances in drug design and discovery. Eminent scientists write contributions on all areas of rational drug design and drug discovery inclu

Changing Perspectives Resource Manual 1997

Energy Research Abstracts 1982 Semiannual, with semiannual and annual indexes. References to all scientific and technical literature coming from DOE, its laboratories, energy centers, and contractors. Includes all works deriving from DOE, other related government-sponsored information, and foreign nonnuclear information. Arranged under 39 categories, e.g., Biomedical sciences, basic studies; Biomedical sciences, applied studies; Health and safety; and Fusion energy. Entry gives bibliographical information and abstract. Corporate, author, subject, report number indexes.

Underwater Acoustic Modeling and Simulation, Fifth Edition Paul C. Etter 2018-03-15 This newest edition adds new material to all chapters, especially in mathematical propagation models and special applications and inverse techniques. It has updated environmental-acoustic data in companion tables and core summary tables with the latest underwater acoustic propagation, noise, reverberation, and sonar performance models. Additionally, the text discusses new applications including underwater acoustic networks and channel models, marine-hydrokinetic energy devices, and simulation of anthropogenic sound sources. It further includes instructive case studies to demonstrate applications in sonar simulation.

Science Explorer: Sound and Light Michael J. Padilla 2002-02-15 1. Fresh Water 2. Freshwater Resources 3. Ocean Motions 4. Ocean Zones

eScience on Distributed Computing Infrastructure Marian Bubak 2014-08-25 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.

Identification of Ligand Binding Site and Protein-Protein Interaction Area Irena Roterman-Konieczna 2012-10-19 This volume presents a review of the latest numerical techniques used to identify ligand binding and protein complexation sites. It should be noted that there are many other theoretical studies devoted to predicting the activity of specific proteins and that useful protein data can be found in numerous databases. The aim of advanced computational techniques is to identify the active sites in specific proteins and moreover to suggest a generalized mechanism by which such protein-ligand (or protein-protein) interactions can be effected. Developing such tools is not an easy task — it requires extensive expertise in the area of molecular biology as well as a firm grasp of numerical modeling methods. Thus, it is often viewed as a prime candidate for interdisciplinary research.

Manual of Digital Earth Huadong Guo 2019-11-18 This open access book offers a summary of the development of Digital Earth over the past twenty years. By reviewing the initial vision of Digital Earth, the evolution of that vision, the relevant key technologies, and the role of Digital Earth in helping people respond to global challenges, this publication reveals how and why Digital Earth is becoming vital for acquiring, processing, analysing and mining the rapidly growing volume of global data sets about the Earth. The main aspects of Digital Earth covered here include: Digital Earth platforms, remote sensing and navigation satellites, processing and visualizing geospatial information, geospatial information infrastructures, big data and cloud computing, transformation and zooming, artificial intelligence, Internet of Things, and social media. Moreover, the book covers in detail the multi-layered/multi-faceted roles of Digital Earth in response to sustainable development goals, climate changes, and mitigating disasters, the applications of Digital Earth (such as digital city and digital heritage), the citizen science in support of Digital Earth, the economic value of Digital Earth, and so on. This book also reviews the regional and national development of Digital Earth around the world, and discusses the role and effect of education and ethics. Lastly, it concludes with a summary of the challenges and forecasts the future trends of Digital Earth. By sharing case studies and a broad range of general and scientific insights into the science and technology of Digital Earth, this book offers an essential introduction for an ever-growing international audience.

Organic Gardening and Farming Jerome Irving Rodale 1976

The Medical Library Association Guide to Data Management for Librarians Lisa Federer 2016-09-15 Technological advances and the rise of collaborative, interdisciplinary approaches have changed the practice of research. The 21st century researcher not only faces the challenge of managing increasingly complex datasets, but also new data sharing requirements from funders and journals. Success in today's research enterprise requires an understanding of how to work effectively with data, yet most researchers have never had any formal training in data management. Libraries have begun developing services and programs to help researchers meet the demands of the data-driven research enterprise, giving librarians exciting new opportunities to use their expertise and skills. The Medical Library Association Guide to Data Management for Librarians highlights the many ways that librarians are addressing researchers' changing needs at a variety of institutions, including academic, hospital, and government libraries. Each chapter ends with "pearls of wisdom," a bulleted list of 5-10 takeaway messages from the chapter that will help readers quickly put the ideas from the chapter into practice. From theoretical foundations to practical applications, this book provides a background for librarians who are new to data management as well as new ideas and approaches for experienced data librarians.

Artificial Intelligence in Education Chee-Kit Looi 2005-01-01 The field of Artificial Intelligence in Education includes research and researchers from many areas of technology and social science. This study aims to open opportunities for the cross-fertilization of information and ideas from researchers in the many fields that make up this interdisciplinary research area.

The Semantic Web — ISWC 2005 Yolanda Gil 2005-11-04 This book constitutes the refereed proceedings of the 4th International Semantic Web Conference, ISWC 2005, held in Galway, Ireland, in November 2005. The 54 revised full academic papers and 17 revised industrial papers presented together with abstracts of 3 invited talks were carefully reviewed and selected from a total of 217 submitted papers to the academic track and 30 to the industrial track. The research papers address all current issues in the field of the semantic web, ranging from theoretical aspects to various applications. The industrial track contains papers on applications in particular industrial sectors, new technology for building applications, and methodological and feasibility aspects of building industrial applications that incorporate semantic Web technology. Short descriptions of the top five winning applications submitted to the Semantic Web Challenge competition conclude the volume.

Home Learning Year by Year Rebecca Rupp 2009-02-04 Finally, homeschoolers have a comprehensive guide to designing a homeschool curriculum, from one of the country's foremost homeschooling experts. , Rebecca Rupp presents a structured plan to ensure that your children will learn what they need to know when they need to know it, from preschool through high school. Based on the traditional pre-K through 12th-grade structure, Home Learning Year by Year features: The integral subjects to be covered within each grade Standards for knowledge that should be acquired by your child at each level Recommended books to use as texts for every subject Guidelines for the importance of each topic: which knowledge is essential and which is best for more expansive study based on your child's personal interests Suggestions for how to sensitively approach less academic subjects, such as sex education and physical fitness

Clinical Laboratory Methods John D. Bauer 1974

Encyclopedia of Internet Technologies and Applications Freire, Mario 2007-10-31 Provides the most thorough examination of Internet technologies and applications for researchers in a variety of related fields. For the average Internet consumer, as well as for experts in the field of networking and Internet technologies.

Linked Data in Linguistics Christian Chiarcos 2012-02-21 The explosion of information technology has led to substantial growth of web-accessible linguistic data in terms of quantity, diversity and complexity. These resources become even more useful when interlinked with each other to generate network effects. The general trend of providing data online is thus accompanied by newly developing methodologies to interconnect linguistic data and metadata. This includes linguistic data collections, general-purpose knowledge bases (e.g., the DBpedia, a machine-readable edition of the Wikipedia), and repositories with specific information about languages, linguistic categories and phenomena. The Linked Data paradigm provides a framework for interoperability and access management, and thereby allows to integrate information from such a diverse set of resources. The contributions assembled in this volume illustrate the band-width of applications of the Linked Data paradigm for representative types of language resources. They cover lexical-semantic resources, annotated corpora, typological databases as well as terminology and metadata repositories. The book includes representative applications from diverse fields, ranging from academic linguistics (e.g., typology and corpus linguistics) over applied linguistics (e.g., lexicography and translation studies) to technical applications (in computational linguistics, Natural Language Processing and information technology). This volume accompanies the Workshop on Linked Data in Linguistics 2012 (LDL-2012) in Frankfurt/M., Germany, organized by the Open Linguistics Working Group (OWLG) of the Open Knowledge Foundation (OKFN). It assembles contributions of the workshop participants and, beyond this, it summarizes initial steps in the formation of a Linked Open Data cloud of linguistic resources, the Linguistic Linked Open Data cloud (LLOD).

Forthcoming Books Rose Arny 2003

The Publishers' Trade List Annual 1977

Semantic e-Science Huajun Chen 2010-09-02 The Semantic Web has been a very important development in how knowledge is disseminated and manipulated on the Web, but it has been of particular importance to the flow of scientific knowledge, and will continue to shape how data is stored and accessed in a broad range of disciplines, including life sciences, earth science, materials science, and the social sciences. After first presenting papers on the foundations of semantic e-science, including papers on scientific knowledge acquisition, data integration, and workflow, this volume looks at the state of the art in each of the above-mentioned disciplines, presenting research on semantic web applications in the life, earth, materials, and social sciences. Drawing papers from three semantic web workshops, as well as papers from several invited contributors, this volume illustrates how far semantic web applications have come in helping to manage scientific information flow.

Resources in Education 1998

The American Catalogue ... 1941

The Brainiacs Kenneth G. Neal 2012-11-28 A boy and a girl about the same age and each little geniuses meet at age 8. By age 10 the decide they will marry. The two work at inventing useful products, finishing college and helping people. At age 18 they get married and together use their genius to accomplish much good. How do they go about this?

Paperbacks in Print 1974

Selected Water Resources Abstracts 1979

PERSPECTIVE DIRECTIONS OF SCIENCE AND PRACTICE 2020-03-02 Abstracts of VI International Scientific and Practical Conference

Monthly Catalogue, United States Public Documents 1995

Minnesota Journal of Education 1959

Paradata and Transparency in Virtual Heritage Anna Bentkowska-Kafel 2016-05-13 Computer-Generated Images (CGIs) are widely used and accepted in the world of entertainment but the use of the very same visualization techniques in academic research in the Arts and Humanities remains controversial. The techniques and conceptual perspectives on heritage visualization are a subject of an ongoing interdisciplinary debate. By demonstrating scholarly excellence and best technical practice in this area, this volume is concerned with the challenge of providing intellectual transparency and accountability in visualization-based historical research. Addressing a range of cognitive and technological challenges, the authors make a strong case for a wider recognition of three-dimensional visualization as a constructive, intellectual process and valid methodology for historical research and its communication. Intellectual transparency of visualization-based research is addressed from different perspectives reflecting the theory and practice of respective disciplines. The contributors - archaeologists, cultural historians, computer scientists and ICT practitioners - emphasize the importance of reliable tools, in particular documenting the process of interpretation of historical material and hypotheses that arise in the course of research. The discussion of this issue refers to all aspects of the intellectual content of visualization and is centred around the concept of 'paradata'. Paradata document interpretative processes so that a degree of reliability of visualization outcomes can be understood. The disadvantages of not providing this kind of intellectual transparency in the communication of historical content may result in visual products that only convey a small percentage of the knowledge that they embody, thus making research findings not susceptible to peer review and rendering them closed to further discussion. It is argued, therefore, that paradata should be recorded alongside more tangible outcomes of research, preferably as an integral part of virtual models, and sustained beyond the life-span of the technology that underpins visualization.

Index Medicus 2003

Building a National Distributed e-Infrastructure -- PL-Grid Marian Bubak 2012-02-16 The goal of the project is to provide the polish scientific community with an IT platform based on grid computer clusters, enabling e-science research in various fields. The created infrastructure is both compatible and interoperable with existing european and worldwide grid frameworks. The system ensures scalability and enables the integration of additional local clusters, belonging to universities, research institutions and technology platforms. This state-of-the-art survey describes the experience and the scientific results obtained by project partners as well as the outcome of research and development activities carried out within the Polish Infrastructure for Information Science Support in the European Research Space PL-Grid (PL-Grid 2011), held in December 2011 in Krakow, Poland. The 26 papers are organized in topical sections on: eclipse parallel tools platform integrated with QosCosGrid, the migrating desktop, science gateways based on the vine toolkit, the gridspace experiment platform, and the InSilico-Lab environment.