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### Developing and Securing the Cloud

2013-10-28

although the use of cloud computing platforms and applications has expanded rapidly most books on the subject focus on high level concepts there has long been a need for a book that provides detailed guidance on how to develop secure clouds filling this void developing and securing the cloud provides a comprehensive overview of cloud computing technology supplying step by step instruction on how to develop and secure cloud computing platforms and web services it includes an easy to understand basic level overview of cloud computing and its supporting technologies presenting a framework for secure cloud computing development the book describes supporting technologies for the cloud such as web services and security it details the various layers of the cloud computing framework including the virtual machine monitor and hypervisor cloud data storage cloud data management and virtual network monitor it also provides several examples of cloud products and prototypes including private public and us government clouds reviewing recent developments in cloud computing the book illustrates the essential concepts issues and challenges in developing and securing today s cloud computing platforms and applications it also examines prototypes built on experimental cloud computing systems that the author and her team have developed at the university of texas at dallas this diverse reference is suitable for those in industry government and academia technologists will develop the understanding required to select the appropriate tools for particular cloud applications developers will discover alternative designs for cloud development and managers will understand if it s best to build their own clouds or contract them out

### Database and Expert Systems Applications

2010-08-13

st we welcome you to the proceedings of the 21 international conference on database and expert systems applications held in bilbao with information and database s tems being a central topic of computer science it was to be expected that the integ tion of knowledge information and data is today contributing to the again rapidly increasing attractiveness of this field for researchers and practitioners since its foundation in 1990 dexa has been an annual international conference located in europe which showcases state of the art research activities in these areas dexa 2010 continued this tradition and provided a forum for presenting and discu ing research results in the area of database and intelligent systems and advanced search topics applications and practically relevant issues related to these areas it offered attendees the opportunity to extensively discuss requirements problems and solutions in the field in the pleasant atmosphere of the city of bilbao which is known for its driving industriousness its top cultural venues and its rich and inspiring he tage and lifestyle the university of deusto with its great educational and research traditions and the hospitality which the university and the city are so famous for set the stage for this year s dexa conference this volume contains the papers selected for presentation at the dexa conference

### Secure Semantic Service-Oriented Systems

2016-04-19

as the demand for data and information management continues to grow so does the need to maintain and improve the security of databases applications and information systems in order to effectively protect this data against evolving threats an up to date understanding of the mechanisms for securing semantic technologies is essential reviewing cutting edge developments secure semantic service oriented systems focuses on confidentiality privacy trust and integrity management for services it demonstrates the breadth and depth of applications of these technologies in multiple domains the author lays the groundwork with discussions of concepts in trustworthy information systems and security for service oriented architecture next she covers secure services and applications discussing how these technologies are used in secure interoperability national defense and medical applications divided into five parts the book describes the various aspects of secure service oriented information systems including confidentiality trust management integrity and data quality it evaluates knowledge management and e business concepts in services technologies information management semantic security and service oriented computing you will also learn how it applies to services service oriented analysis and design and specialized and semantic services the author covers security and design methods for service oriented analysis access control models for services identity management access control and delegation and confidentiality she concludes by examining privacy trust and integrity the relationship between secure semantic technologies and services secure ontologies and rdf the book also provides specific consideration to activity management such as e business collaboration healthcare and finance

### International Business in the 21st Century

2011-05-04

this comprehensive three volume set covers every aspect of international business operations and offers a detailed discussion of important issues looming on the horizon covering an array of topics critical to today s business leader international business in the 21st century is comprised of three volumes the first volume are you ready preparing for international operations covers issues related to establishing an international business including assessing your export readiness and finding financing volume two going global implementing international business operations is about actually getting your business up and running volume three staying on top crucial issues for international business in the 21st century discusses the many things that impact anyone doing business in the international arena from cultural differences to the challenges of international threats and terrorism bridging the gap between the business world and the academic world the set provides a comprehensive breakdown of the specific topic areas associated with firm preparedness improving efficiencies and the often overlooked areas of operational risk with this set in hand business leaders will better understand how to get involved and how to stay ahead of the curve in international markets

# 21st Century Homestead: Sustainable Agriculture III: Agricultural Practices

2015-02-22

21st century homestead sustainable agriculture iii contains the third part of everything you need to stay up to date on sustainable agricultural practices

# Distributed and Cloud Computing

2013-12-18

distributed and cloud computing from parallel processing to the internet of things offers complete coverage of modern distributed computing technology including clusters the grid service oriented architecture massively parallel processors peer to peer networking and cloud computing it is the first modern up to date distributed systems textbook it explains how to create high performance scalable reliable systems exposing the design principles architecture and innovative applications of parallel distributed and cloud computing systems topics covered by this book include facilitating management debugging migration and disaster recovery through virtualization clustered systems for research or ecommerce applications designing systems as web services and social networking systems using peer to peer computing the principles of cloud computing are discussed using examples from open source and commercial applications along with case studies from the leading distributed computing vendors such as amazon microsoft and google each chapter includes exercises and further reading with lecture slides and more available online this book will be ideal for students taking a distributed systems or distributed computing class as well as for professional system designers and engineers looking for a reference to the latest distributed technologies including cloud p2p and grid computing complete coverage of modern distributed computing technology including clusters the grid service oriented architecture massively parallel processors peer to peer networking and cloud computing includes case studies from the leading distributed computing vendors amazon microsoft google and more explains how to use virtualization to facilitate management debugging migration and disaster recovery designed for undergraduate or graduate students taking a distributed systems course each chapter includes exercises and further reading with lecture slides and more available online

#### **Biocommunication**

2016-11-01

all coordination between cells organs and organisms depends on successful biocommunicative processes there are abundant cases of communication in the biological world both within intraspecific and between interspecific single cell and multicellular microorganisms and higher animal forms split into two parts this book first looks at the history development and progress within the field of biocommunication the second part presents real life case studies and investigation into examples of biocommunication in the biological world among the organisms covered are bacteria fungi plants terrestrial and marine animals including bonobos chimpanzees and dolphins as well as a new theory of communication between parts in developing embryos cybernetic embryos contributions from international experts in the field provide up to date research and results while in depth analysis expands on these findings to pave the way for future discoveries as the first comprehensive review of its kind it is perfect for undergraduates graduates professionals and researchers in the field of life sciences

# Intelligent Tools for Building a Scientific Information Platform

2012-01-25

this book is a selection of results obtained within one year of research performed under synat a nation wide scientific project aiming to create an infrastructure for scientific content storage and sharing for academia education and open knowledge society in poland the selection refers to the research in artificial intelligence knowledge discovery and data mining information retrieval and natural language processing addressing the problems of implementing intelligent tools for building a scientific information platform the idea of this book is based on the very successful synat project conference and the synat workshop accompanying the 19th international symposium on methodologies for intelligent systems ismis 2011 the papers included in this book present an overview and insight into such topics as architecture of scientific information platforms semantic clustering ontology based systems as well as multimedia data processing

2019-03-03

### Privacy and Identity Management for Life

2012-06-28

this book constitutes the thoroughly refereed post conference proceedings of the 7th ifip wg 9 2 9 6 11 7 11 4 11 6 international summer school held in trento italy in september 2011 the 20 revised papers were carefully selected from numerous submissions during two rounds of reviewing the book also contains two invited talks the papers are organized in topical sections on privacy metrics and comparison policies privacy transparency in the age of cloud computing privacy for mobile applications consumer privacy privacy for online communities privacy for ehealth and eid applications privacy attacks and problems and ethics

#### ECAI 2023

2023-10-18

artificial intelligence or ai now affects the day to day life of almost everyone on the planet and continues to be a perennial hot topic in the news this book presents the proceedings of ecai 2023 the 26th european conference on artificial intelligence and of pais 2023 the 12th conference on prestigious applications of intelligent systems held from 30 september to 4 october 2023 and on 3 october 2023 respectively in kraków poland since 1974 ecai has been the premier venue for presenting ai research in europe and this annual conference has become the place for researchers and practitioners of ai to discuss the latest trends and challenges in all subfields of ai and to demonstrate innovative applications and uses of advanced ai technology ecai 2023 received 1896 submissions a record number of which 1691 were retained for review ultimately resulting in an

acceptance rate of 23 the 390 papers included here cover topics including machine learning natural language processing multi agent systems and vision and knowledge representation and reasoning pais 2023 received 17 submissions of which 10 were accepted after a rigorous review process those 10 papers cover topics ranging from fostering better working environments behavior modeling and citizen science to large language models and neuro symbolic applications and are also included here presenting a comprehensive overview of current research and developments in ai the book will be of interest to all those working in the field

### Virtual Sociocultural Convergence

2016-07-06

this book explores the remarkable sociocultural convergence in multiplayer online games and other virtual worlds through the unification of computer science social science and the humanities the emergence of online media provides not only new methods for collecting social science data but also contexts for developing theory and conducting education in the arts as well as technology notably role playing games and virtual worlds naturally demonstrate many classical concepts about human behaviour in ways that encourage innovative thinking the inspiration derives from the internationally shared values developed in a fifteen year series of conferences on science and technology convergence the primary methodology is focused on sending avatars representing classical social theorists or schools of thought into online gameworlds that harmonize with or challenge their fundamental ideas including technological determinism urban sociology group formation freedom versus control class stratification linguistic variation functional equivalence across cultures behavioural psychology civilization collapse and ethnic pluralism researchers and students in the social and behavioural sciences will benefit from the many diverse examples of how both qualitative and quantitative science of culture and society can be performed in online communities of many kinds even as artists and gamers learn styles and skills they may apply in their own work and play

### Mathematical Modeling of the Learning Curve

2024-06-17

the application of mathematical models in the analysis of learning data has a rich tradition in experimental psychology such modeling is not only of scientific interest from psychophysiological point of view but very important from clinical point of view because memory impairment is a common symptom that is frequently diagnosed in elder people persons after traumatic brain injury patients with type 2 diabetes mellitus parkinson disease multiple sclerosis and other neurological and psychiatric diseases mild memory impairment might be one of the most important symptoms of a future alzheimer s disease thus early diagnosis of initial signs of memory impairment is of importance the book offers the reader hands on practical experience using a mathematical model dveloped by the senior authors classroom tested experiments are provided which requires the reader to use the model under various conditions such as learning and memory in both humans and animals following an introduction to mathematical models the book contains 13 experiments these experiments include those related to animal learning in such organisms as snails bees and rats a variety of human experiments are also presented including those related to short and long term memory maze learning classical salivary conditioning evaluation of sound on memory and the influence of dietary supplements on memory we close the section on experiments with and analysis of machine learning curves appendices are provided on how to build apparatus and how to install the software

### Storage Systems

2021-10-13

storage systems organization performance coding reliability and their data processing was motivated by the 1988 redundant array of inexpensive independent disks proposal to replace large form factor mainframe disks with an array of commodity disks disk loads are balanced by striping data into strips with one strip per disk and storage reliability is enhanced via replication or erasure coding which at best dedicates k strips per stripe to tolerate k disk failures flash memories have resulted in a paradigm shift with solid state drives ssds replacing hard disk drives hdds for high performance applications raid and flash have resulted in the emergence of new storage companies namely emc netapp sandisk and purestorage and a multibillion dollar storage market key new conferences and publications are reviewed in this book the goal of the book is to expose students researchers and it professionals to the more important developments in storage systems while covering the evolution of storage technologies traditional and novel databases and novel sources of data we describe several prototypes fawn at cmu ramcloud at stanford and lightstore at mit oracle s exadata aws aurora alibaba s polardb fungible data center and author s paper designs for cloud storage namely heterogeneous disk arrays and hierarchical raid surveys storage technologies and lists sources of data measurements text audio images and video familiarizes with paradigms to improve performance caching prefetching log structured file systems and merge trees lsms describes raid organizations and analyzes their performance and reliability conserves storage via data compression deduplication compaction and secures data via encryption specifies implications of storage technologies on performance and power consumption exemplifies database parallelism for big data analytics deep learning via multicore cpus gpus fpgas and asics e g google s tensor processing units

### Hung up "A Fisherman's Sos"

2012-04-16

a fishermans sos this is a story about a 62 year old rookie fisherman hung up on fishing a fishing story is like an iceberg of the human experience ninety percent of it is beneath the surface past life experiences historical significance and technical data are tied together to tell the authors story comradely new friendships natural beauties and everyday fishing adventures are touched on in both fresh and sea water journeys if you want to know more about fishing other than how big the fish was hung up will take you there many men go fishing all their lives without knowing it is not fish they are after henry david thoreau

2006-09-10

# Digital Tools for Knowledge Construction in the Elementary Grades

2016-08-08

digital tools for knowledge construction in the elementary grades was written for teachers who wish to gain a better understanding of how to integrate technology into their classrooms from a student centered perspective when done so students must take more control of and therefore more responsibility for their learning this book is divided into two sections part i provides a foundation and rational for student centered learning instructional strategies for technology integration and using this approach to help teachers assess their students in meeting academic standards part ii includes foundational technology information and appropriate use of digital tools for communication collaboration research publishing and even games for learning this text provides methods and examples of technology integration that supports students achievement of national academic standards by using today s digital tools for communication collaboration research and publishing when students learn how to become knowledgeable global digital citizens they gain the requisite skills for tomorrow s creative thinkers problem solvers and decision makers

#### ECAI 2012

2012-08-15

artificial intelligence ai plays a vital part in the continued development of computer science and informatics the ai applications employed in fields such as medicine economics linguistics philosophy psychology and logical analysis not forgetting industry are now indispensable for the effective functioning of a multitude of systems this book presents the papers from the 20th biennial european conference on artificial intelligence ecai 2012 held in montpellier france in august 2012 the ecai conference remains europe s principal opportunity for researchers and practitioners of artificial intelligence to gather and to discuss the latest trends and challenges in all subfields of ai as well as to demonstrate innovative applications and uses of advanced ai technology ecai 2012 featured four keynote speakers an extensive workshop program seven invited tutorials and the new frontiers of artificial intelligence track in which six invited speakers delivered perspective talks on particularly interesting new research results directions and trends in artificial intelligence or in one of its related fields the proceedings of pais 2012 and the system demonstrations track are also included in this volume which will be of interest to all those wishing to keep abreast of the latest developments in the field of ai

#### All Hail the Messiah

2010-08-10

this book is a retired us marines common sense plain language review of the 2008 2010 historic us elections it is also a critical analysis of conservatives who sarcastically crowned president obama messiah and the anointed one but didnt realize that he was truly god sent this book explains the twelve 12 reasons why conservatives couldn't crucify him despite their character assassination attempts and the daily drumbeat of gloom and doom

### The Dynamics of Murder

2012-11-26

in recent years there has been a surge in school shootings workplace homicides hate violence and deadly terrorist attacks in the united states this has resulted in a greater focus on homicidal behavior its antecedents ways to recognize warning signs of at risk victims and offenders and preventive measures it has also led to increased efforts by lawmakers to create and pass tough crime legislation as well as improved federal state and local law enforcement response to murder and other violent crimes the dynamics of murder kill or be killed is a multifaceted probe of murder offenses offenders victims and characteristics of homicide in american society this book breaks new ground in homicide studies by examining issues generally ignored or neglected among researchers topics include murders occurring in the workplace and in schools those perpetrated by gangs and terrorists those incited by bias and intimate and intrafamilial murders the book discusses sexual killers serial and mass murderers and suicide it also examines psychological and sociological theories on murder and violence as well as the increasing role the internet plays in these crimes case studies of actual murderers are included including serial killers gerald and charlene gallego mass murderer byran koji uyesugi the murder suicide case of sahel kazemi and the intrafamilial murders committed by charles stuart and sarah marie johnson a comprehensive exploration of the crime of murder in american society this fascinating study is an essential resource for researchers criminologists and other professionals in a wide range of disciplines

### Mastering E-Business

2010-07-02

e business business collaborations enabled through information and communication technologies is an essential activity for any business organization and constitutes a significant and growing sector this textbook presents an innovative teaching framework to help students gain a thorough understanding of the principles of this vital aspect of business and management casting aside the over complicated and narrow introductions of other textbooks grefen presents analyzes and explains the principles of e business with refreshing clarity the book covers both the business and technology aspects of this topic using a unique framework integrating business focuses on why a specific e business scenario exists and how an organization can profit from it organization analyzes how organizations and their processes are structured to achieve strategic goals architecture explains the high level design of advanced information systems to describe how e business functions technology examines the technological implementation of e business scenarios using a wide variety of ingredients from it mastering e business offers a well structured overview of all aspects of e business and is an essential read for all students and professionals interested in this central aspect of modern global business

#### Modern Industrial Services

2022

this open access book is an outcome of several years of research practice and teaching experience of the authors on the challenges that underpin the successful switch to services

for manufacturing firms ideal for a student as well as a practitioner the book describes the industrial services ecosystem the barriers and challenges and a roadmap for building service excellence curated cases are used to describe the current approaches in practice to overcome the barriers the book also provides several tools each with a short introduction that the authors have used successfully in projects to help overcome the servitization barriers many of these tools are from management design thinking or service design the service excellence roadmap is based on the development methodology and helps current and future business leaders to create their own individual roadmaps

### **Empowering Knowledge Workers**

2013-12-01

empowering knowledge workers describes the work of managers decision makers executives doctors lawyers campaign managers emergency responders strategists and many others who have to think for a living these are people who figure out what needs to be done at the same time that they do it and a new approach to support this kind of worker presents the logical starting point for understanding how to take advantage of acm

# The Full Moons: Topical Letters In Esoteric Astrology

2014-06-12

the full moons is an exploration of the sun the moon the truth and their interrelation and it is the culmination of over ten years of letters the author has written on esoteric astrology a compendium of topics in esoteric astrology it explores the emerging universal spirituality gradually unfolding through the current decades as seen from the perspective of topical world events even though the principles investigated therein are timeless the twelve astrological signs each give a unique insight into various aspects of spirituality and each one has its own story to tell on the great evolutionary path of the soul because the soul is so dear to us even though the subject matter of the book is esoteric in its presentation there is something in its pages for everyone whether or not you have an astrological background ultimately this book can be used as reference material for the times of the full moon each month and for specified times in between the book is extensively indexed for ease of reference and it contains abundant reference material in the appendices along with a glossary of esoteric terminology

#### The COVID-19 Pandemic

2022-03-01

the covid 19 pandemic a global high tech challenge at the interface of science politics and illusions discusses covid 19 as the first pandemic in the internet era and our current reality of continuous reports news and updates since its beginning we were daily bombarded with news of what was happening around the world there was no global political leadership the united states was politically partially paralyzed russia and china hoped to gain diplomatic profile worldwide but their vaccines are of limited efficacy and trust in their clinical data is rightly low the european union did not order enough vaccines in time but sued a large manufacturer for delivery delays now it is setting up yet another

bureaucratic institution at least the pharmaceutical or life science industry paved the way out but is not enthusiastically praised for it it would be too easy and superficial to blame mistakes of governments and leaders on stupidity idiocy exists but we have to go deeper to understand how illusions and blind spots in today s common perception and science inertia arrogance conflicts of interest competition of individuals and states and institutions for public recognition have contributed to a multitude of flawed assessments and direct mistakes healthcare professionals and anyone interested in an in depth understanding of humankind's response to the covid 19 challenge will not get around the key conclusions of this book outlines key elements of modern civilization public health and drug and vaccine development on the background of the covid 19 pandemic discusses the historical roots of separate drug approval of vaccines and drugs in administratively classified children of whom many are bodily mature long before their 16th or 18th birthday and why the belated approval of vaccines against covid 19 in minors is not based on science but on blurs and conflicts of interest outlines key elements we need to address to become better prepared for future global health challenges in the first place we do not need new institutions but to overcome intellectual barriers and blind spots

### Design Principles and Methodologies

2018-07-24

this book introduces readers to the core principles and methodologies of product development and highlights the interactions between engineering design and industrial design it shows to what extent the two cultures can be reconciled and conversely what makes each of them unique although the semantic aspect is fundamental in industrial design while the functional aspect is essential for the industrial product the interaction between the two worlds is strategically vital design is also a strategic problem solving process that drives innovation builds business success and leads to better quality of life through innovative products systems services and experiences the book connects product development with the concepts and strategies of innovation recognizing that product design is a complex process in which invention consumers role industrial technologies economics and the social sciences converge after presenting several examples of artifacts developed up to the conceptual phase or built as prototypes the book provides a case study on a packaging machine showcasing the principles that should underlie all design activities and the methods that must be employed to successfully establish a design process the book is primarily targeted at professionals in the industry design engineers and industrial designers as well as researchers and students in design schools though it will also benefit any reader interested in product design

### Draining the Swamp

2020-11-07

what is happening in the ostensible land of the free at a time when the freedoms of assembly and speech no longer exist on college and university campuses across the us when students are swept up into violent protests organized and funded by a lethal combination of die hard revolutionaries and well intentioned but woefully misguided and guilt ridden members of the nouveau riche and when us political factions are more polarized than at any time since the civil war objec

# Legacy of an Entrepreneurial Grandmother

2022-09-20

are you interested in learning about the everyday lives of people who lived through the american revolution civil war westward expansion world war ii and the modern era using letters diaries wills and other primary documentation shared by my grandmother and her grandmother this is a collection of family stories that span from 1700 to 1998 with the surnames of stone hankins campbell ford and simpson their stories invite you to view historical events in a more personal manner than a textbook and gives the reader a sense of connection to the past

# Малайзия & Борнео

2022-04-03

Путешествуйте Бюджетно в Малайзии и Борнео Автомобильные поездки подробные маршруты и карты основных городов Западной Малайзии и Восточной Малайзии ворнео с советами по бюджету Вы получите глубокое представление о Малайзии и Борнео двух совершенно разных мирах с их культурой традициями и образом жизни Малайзия это страна где вы можете испытать суперсовременный а также традиционный и очень простой образ жизни насладиться тропическими лесами и окружающей природой флорой а не повседневной дикой природой В книге описаны основные сведения которые нужно знать перед посещением о правительстве географии погоде требованиях к въезду медицине культуре транспорте стоимости и советы инсайдеров Также подробные маршруты с картами и информация о сайтах с ценами и часами работы Маршруты включают в себя 6 городов 2 острова в Западной Малайзии и 6 городов в Восточной Малайзии Борнео и остров Состоит из 3 маршрутов с достопримечательностями охватывающими современные места культуру историю традиции развлечения вечеринки природу природные заповедники дикую природу и т Д 1 Маршрут в Куала Лумпур и близлежащие штаты 2 Поездка и маршрут по Западной Малайзии 3 Поездка и маршрут по Восточной Малайзии Это книжка предоставит Вам двухнедельный план на каждую часть У вас будет 3 маршрута по 14 дней каждый что позволит вам адаптировать его к своему времени и интересам чтобы адаптировать его к вашим потребностям

### Critical Junctures in Mobile Capital

2018-03-08

investigates relationships between sovereign states and banks and their conflicts over the creation of money in government debt and mobile capital

### Malaysia & Borneo

2022-04-03

malaysia is open for tourism again the book contains road trips and detailed itineraries and maps for the major cities in west malaysia and in east malaysia borneo with budget tips you will receive a deep introduction of malaysia and borneo part which are two totally different worlds with their culture traditions and lifestyle malaysia is a country where you can experience a super modern and also a traditional and very simple lifestyle enjoy tropical forests and the surrounding nature flora and not everyday wildlife the book describes the essentials one needs to know before visiting about government geography weather entry requirements medical culture transportation cost and insider tips also detailed routes with maps and information about the sights with prices and operating hours the itineraries include 6 cities 2 are islands in west malaysia and 6 towns in borneo s east malaysia and an island contains 3 itineraries with attractions covering modern sights culture history traditions entertainment party nature natural reserves wildlife etc 1 itinerary for kuala lumpur and the surrounding states 2 road trip and itinerary for west malaysia 3 road trip and itinerary for east malaysia the guides are a 2 week plan for each part you will have 3 itineraries 14 days each enabling you to adjust it to your time and interest to tailor it to your needs

#### The Lion of the RAF

2019-09-15

the incredible true story of air marshal sir george robert beamish kcb cbe a man who played rugby for ireland and the british irish lions before becoming a leading light of the raf during the second world war and a senior commander in the years following the war

# Handbook of Research on Teaching With Virtual Environments and AI

2021-02-19

the increasingly pervasive use of digital technology has catapulted society into an interconnected world where the natural boundaries between humankind and machine virtual and real individual and community have become less perceptible as individuals interact with different digital technologies they must build a digital intelligence which must be further cultivated as it is a key competency for the future of school and work digital intelligence includes understanding the mutual strengths between people and technology as well as developing an awareness in the use of digital tools in order to avoid common threats such as cyberbullying addiction to video games techno stress and more as adolescents continue to engage with virtual reality and 3d virtual worlds where the online and offline overlap and coincide it is important to build this intelligence as well as utilize these technologies to promote successful learning the handbook of research on teaching with virtual environments and ai explores the new personalized educational opportunities that are available with digital technology and virtual environments that can be used within education this book focuses on the use of these tools and how to navigate the use of new technologies such as ai and virtual environments for educational practices while highlighting topics such as virtual worlds game based learning intelligent tutoring augmented reality and more this book is ideal for teachers administrators technologists educational software developers it specialists practitioners researchers

academicians and students interested in how virtual environments and ai are being implemented in teaching practices

#### Biomechanics of Hard Tissues

2011-08-08

this monograph assembles expert knowledge on the latest biomechanical modeling and testing of hard tissues coupled with a concise introduction to the structural and physical properties of bone and cartilage a strong focus lies on the current advances in understanding bone structure and function from a materials science perspective providing practical knowledge on how to model simulate and predict the mechanical behavior of bone the book presents directly applicable methods for designing and testing the performance of artificial bones and joint replacements while addressing innovative and safe approaches to stimulated bone regeneration essential for clinical researchers

# Presidential Foreign Language Trivia

2016-08-12

ive seen trivia books about presidents covering every topic imaginable except for foreign languages now we have a presidential trivia book for that this book provides at least two language related trivia items for every us president samples were easy to find for many of them e g thomas jefferson john quincy adams theodore roosevelt while harder for others rutherford haves william mckinley william howard taft i provide a source at least one for every item in this book enjoy

### Web Information Systems Engineering -- WISE 2014

2014-09-11

this book constitutes the proceedings of the 15th international conference on information systems engineering wise 2014 held in thessaloniki greece in october 2014 the 52 full papers 16 short and 14 poster papers presented in the two volume proceedings lncs 8786 and 8787 were carefully reviewed and selected from 196 submissions they are organized in topical sections named mining modeling and classification querying and searching recommendation and personalization semantic social online networks software architectures amd platforms technologies and frameworks innovation and applications and challenge

2006-12-15

#### 

2014-03-01

#### Wilfried Stallknecht und das industrielle Bauen

2013-09-16

nur sehr wenige architekten oder planer aus der ddr sind mehr als einem engen expertenkreis geläufig dies liegt daran dass sie ganz überwiegend in kollektiven arbeiteten und auch nach 1989 nur wenig über sie geforscht und publiziert wurde mit diesem band wird ein wichtiger architekt aus der ddr porträtiert der entscheidende beiträge zu den großen weichenstellungen in architektur und bauwesen ostdeutschlands lieferte und dennoch kaum bekannt ist der architekt innenarchitekt und möbeldesigner wilfried stallknecht 1928 konnte obgleich bürgerlicher herkunft und niemals mitglieder der sed in der ddr eine steile karriere machen er entwickelte als kollektivleiter nicht nur die

grundkonzepte der beiden wichtigsten plattenbauserien p2 und wbs 70 sondern verband sie mit weitreichenden konzepten des variablen wohnens und des designs von möbelserien außerdem war er verantwortlich für das umstrittene modellprojekt des umbaus der innenstadt von bernau mittels der plattenbauweise gewann wichtige städtebauliche wettbewerbe und meldete zahlreiche bautechnologische verfahren zum patent an das buch dokumentiert das leben und werk wilfried stallknechts und enthält einen essay zur geschichte des industriellen wohnungsbaus bzw der plattenbautechnologie in der ddr aus kulturgeschichtlicher perspektive die auf einen breiten leserkreis zielende wissenschaftliche darstellung speist sich aus einem umfangreichen bestand an primärquellen sowie aus zahlreichen interviews mit dem architekten sie weist viele bisher unveröffentlichte abbildungen zur ddr baugeschichte auf

### The Many Panics of 1837

in the spring of 1837 people panicked as financial and economic uncertainty spread within and between new york new orleans and london although the period of panic would dramatically influence political cultural and social history those who panicked sought to erase from history their experiences of one of america's worst early financial crises the many panics of 1837 reconstructs this period in order to make arguments about the national boundaries of history the role of information in the economy the personal and local nature of national and international events the origins and dissemination of economic ideas and most importantly what actually happened in 1837 this riveting transatlantic cultural history based on archival research on two continents reveals how people transformed their experiences of financial crisis into the panic of 1837 a single event that would serve as a turning point in american history and an early inspiration for business cycle theory

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