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Best of TOC Designing Next Generation Web Projects with Css3 Procedural Content Generation for C++ Game Development Procedural Content Generation for Unity Game Development Learning AngularJS Four Shades of Gray The iPad 2 Project Book The Irritable Bowel Syndrome Solution Advanced Deep Learning with Python ePub - European Conference on Social Media Universal Access in Human-Computer Interaction. Access to Today's Technologies Application of Clinical Bioinformatics Blended Learning and MOOCs Graftless Solutions for the Edentulous Patient Youth Unemployment in the EU: A Scarred Generation? - HL 164 Serverless Integration Design Patterns with Azure Clinical Applications for Next-Generation Sequencing Evolución de las startups en el mundo del libro The PlantPlus Diet Solution Hybrid Solutions for the Modelling of Complex Environmental Systems Three-Dimensional Integration of Semiconductors Adenocarcinoma of the Esophagogastric Junction Implementing Hybrid Cloud with Azure Arc CryENGINE 3 Cookbook The Asset Economy Integrated Intelligence Capacity Adequacy in the Nordic Electricity Market Empowering Users through Design Computational Approaches for Novel Therapeutic and Diagnostic Designing to Mitigate SARS-CoV2 Infection The Loop Approach Billionaires Under Construction Colonial Trauma Potable Water Gesture-Speech Integration: Combining Gesture and Speech to Create Understanding Integrative Medicine Against All Odds Blood Substitutes and Oxygen Biotherapeutics The Chinese People's Liberation Army since 1949

Best of TOC 2013-02-12

2012 was quite a year for change in the publishing industry throughout the year we used the toc community site toc oreilly com to provide insightful analysis of the latest industry developments and since ours is a community site the articles we publish aren't just from the toc team we also feature perspectives from many of the top innovators and publishing experts it wasn't easy but we hand-picked the most noteworthy articles from 2012 for inclusion in this best of toc collection we think you'll agree that the more than 60 pieces featured here represent some of the most thought-provoking dialog from the past year we've arranged the articles by category so whether you're most interested in marketing revenue models production or innovation in general you'll find something to get your creative juices flowing

Designing Next Generation Web Projects with CSS3 2013-01-01

this book is designed for you if you are a frontend web developer it requires a solid knowledge of CSS syntax and of the most common CSS2 properties and selectors

Procedural Content Generation for C++ Game Development 2016-01-30

get to know techniques and approaches to procedurally generate game content in C using simple and fast multimedia library about this book this book contains a bespoke simple and fast multimedia library SFML game engine with complete online documentation through this book you'll create games that are non-predictable and dynamic and have a high replayability factor get a breakdown of the key techniques and approaches applied to a real game who this book is for if you are a game developer who is familiar with C and is looking to create bigger and more dynamic games then this book is for you the book assumes some prior experience with C but any intermediate concepts are clarified in detail no prior experience with SFML is required what you will learn discover the systems and ideology that lie at the heart of procedural systems use random number generation RNG with C data types to create random but controlled results build levels procedurally with randomly located items and events create dynamic game objects at runtime construct games using a component-based approach assemble non-predictable game events and scenarios operate procedural generation to create dynamic content fast and easily generate game environments for endless replayability in detail procedural generation is a growing trend in game development it allows developers to create games that are bigger and more dynamic giving the games a higher level of replayability procedural generation isn't just one technique it's a collection of techniques and approaches that are used together to create dynamic systems and objects C is the industry standard programming language to write computer games it's at the heart of most engines and is incredibly powerful SFML is an easy-to-use cross-platform and open-source multimedia library access to computer hardware is broken into succinct modules making it a great choice if you want to develop cross-platform games with ease using C and SFML technologies this book will guide you through the techniques and approaches used to generate content procedurally within game development throughout the course of this book we'll look at examples of these technologies starting with setting up a roguelike project using the C template we'll then move on to using RNG with C data types and randomly scattering objects within a game map we will create simple console examples to implement in a real game by creating unique and randomised game items

dynamic sprites and effects and procedurally generating game events then we will walk you through generating random game maps at the end we will have a retrospective look at the project by the end of the book not only will you have a solid understanding of procedural generation but you ll also have a working roguelike game that you will have extended using the examples provided style and approach this is an easy to follow guide where each topic is explained clearly and thoroughly through the use of a bespoke example then implemented in a real game project

Procedural Content Generation for Unity Game Development 2016-01-30

harness the power of procedural content generation to design unique games with unity about this book learn the basics of pcg development develop a 2d game from start to finish explore all the different ways pcg can be applied in games who this book is for this book is for unity game developers especially those who work on indie games you should be familiar with unity and c scripting but you ll be able to jump in and start learning pcg straightaway what you will learn understand the theory of procedural content generation learn the uses of pseudo random numbers create reusable algorithm designs for pcg evaluate the data structures for pcg develop smaller games with larger amounts of content generate content instead of spending time designing every minute detail learn when and how to add pcg to your game learn the fundamental techniques of pcg in detail procedural content generation is a process by which game content is developed using computer algorithms rather than through the manual efforts of game developers this book teaches readers how to develop algorithms for procedural generation that they can use in their own games these concepts are put into practice using c and unity is used as the game development engine this book provides the fundamentals of learning and continued learning using pcg you ll discover the theory of pcg and the mighty pseudo random number generator random numbers such as die rolls and card drafting provide the chance factor that makes games fun and supplies spontaneity this book also takes you through the full development of a 2d game starting with level generation you ll learn how pcg can make the game environment for you you ll move into item generation and learn the different techniques to procedurally create game items thereafter you ll be guided through the more abstract pcg areas such as scaling difficulty to the player and even generating music the book helps you set up systems within your games where algorithms create computationally generated levels art assets quests stories characters and weapons these can substantially reduce the burden of manually creating every aspect of the game finally you ll get to try out your new pcg skills on 3d terrain generation style and approach an easy to follow project based guide that will let you build a complete game by the end of the book using pcg

Learning AngularJS 2014-11-28

learning angularjs get started with angularjs web development fast angularjs is one of the most exciting and innovative new technologies emerging in the world of web development designed to simplify the development and testing of web applications it also provides structure for the entire development process websites are no longer simple static content instead websites have become much more dynamic with a single page often serving as the entire site or application and angularjs allows web developers to build the necessary programming logic for such applications directly into a web page binding the data model for the client web application to backend services and databases angularjs also allows the extension of html so that the ui design logic can be expressed easily in an html template file learning angularjs

shows you how to create powerful interactive web applications that have a well structured reusable code base that will be easy to maintain you ll also learn how to leverage angularjs s innovative mvc approach to implement well designed and well structured web pages and web applications understand how angularjs is organized and learn best practices for designing angularjs applications find out how to define modules and utilize dependency injection quickly build angularjs templates with built in directives that enhance the user experience bind ui elements to your data model so changes to your model and ui occur automatically in tandem define custom angularjs directives that extend html implement zoomable images expandable lists and other rich ui components implement client side services that interact with web servers build dynamic browser views to provide even richer user interaction create custom services you can easily reuse design unit and end to end tests for angularjs applications contents at a glance 1 jumping into javascript setting up a javascript development environment using node js defining variables understanding javascript data types using operators implementing looping creating functions understanding variable scope using javascript objects manipulating strings working with arrays adding error handling 2 getting started with angularjs why angularjs understanding angularjs an overview of the angularjs life cycle separation of responsibilities integrating angularjs with existing javascript and jquery adding angularjs to your environment bootstrapping angularjs in an html document using the global apis creating a basic angularjs application using jquery or jquery lite in angularjs applications 3 understanding angularjs application dynamics looking at modules and dependency injection defining an angularjs module object creating providers in angularjs modules implementing providers and dependency injection applying configuration and run blocks to modules 4 implementing the scope as a data model understanding scopes implementing scope hierarchy 5 using angularjs templates to create views understanding templates using expressions using filters creating custom filters 6 implementing directives in angularjs views understanding directives using built in directives 7 creating your own custom directives to extend html understanding custom directive definitions implementing custom directives 8 using events to interact with data in the model browser events user interaction events adding watches to track scope change events emitting and broadcasting custom events 9 implementing angularjs services in applications understanding angularjs services using the built in services using the q service to provide deferred responses 10 creating your own custom angularjs services understanding custom angularjs services integrating custom services into your angularjs applications 11 creating rich application components the angularjs way building a tabbed view implementing draggable and droppable elements 204 adding a zoom view field to images implementing expandable and collapsible elements adding star ratings to elements a testing angularjs applications deciding on a testing platform understanding angularjs unit tests understanding angularjs end to end testing

Four Shades of Gray 2022-04-05

this first book length analysis of amazon s kindle explores the platform s technological bibliographical and social impact on publishing four shades of gray offers the first book length analysis of amazon s kindle and its impact on publishing simon peter rowberry recounts how amazon built the infrastructure for a new generation of digital publications then considers the consequences of having a single company control the direction of the publishing industry exploring the platform from the perspectives of technology texts and uses he shows how the kindle challenges traditional notions of platforms as discrete entities he argues that amazon s influence extends beyond disruptive technology to embed itself in all aspects of the publishing trade yet despite industry pushback he says the kindle has had a positive influence on publishing rowberry documents the first decade of the kindle with case studies of kindle popular highlights an account of the

digitization of books published after 1922 and a discussion of how amazon's patent filings reflect a shift in priorities rowberry argues that while it was initially convenient for the book trade to outsource ebook development to amazon doing so has had adverse consequences for publishers in the mid and long term limiting opportunities for developing an inclusive and forward thinking digital platform while it has forced publishers to embrace digital forms the kindle has also empowered some previously marginalized readerships although it is still too early to judge the long term impact of ebooks compared with that of the older technologies of clay tablets the printing press and offset printing the shockwaves of the kindle continue to shape publishing

The iPad 2 Project Book 2011-04-28

using your ipad is not a passive activity with its stunning touchscreen front and back cameras and sweeping collection of apps the ipad 2 is perfect for doing stuff for building creating and organizing want to plan an event manage your mail and calendars capture and edit a video even build a wiki you can do all that and more with your ipad in this practical hands on guide you'll learn how to build a recipe scrapbook write up recipes in pages or find recipes using one of the useful recipe apps and import pictures of the dish to go with the recipe in your scrapbook even learn ipad kitchen tips plan a vacation buy tickets find destination activities and map out directions master your media stream videos with airplay buy or rent videos from the itunes store compose and record a song and edit your own movie get smarter learn another language by using google's translate page and building an illustrated deck of flash cards with common words and phrases plus many more useful projects both big and small to help you do stuff with your ipad

The Irritable Bowel Syndrome Solution 2013-02

this is the authoritative resource on ibs in this easy to read book you will discover what actually causes ibs how to find the cause of your own symptoms how to treat your symptoms and where to go for help if you have ibs constipation diarrhea gas bloating indigestion or chronic abdominal pain there is a logical reason for your suffering written by dr stephen wangen the founder of the ibs treatment center this book explains how your symptoms can be cured you do not need to eat more fiber take medications or supplements for the rest of your life or wonder if you are too stressed you can actually live your life completely free of ibs and this book will help you discover how

Advanced Deep Learning with Python 2019-12-12

gain expertise in advanced deep learning domains such as neural networks meta learning graph neural networks and memory augmented neural networks using the python ecosystem key features get to grips with building faster and more robust deep learning architectures investigate and train convolutional neural network cnn models with gpu accelerated libraries such as tensorflow and pytorch apply deep neural networks dnn to computer vision problems nlp and gans book description in order to build robust deep learning systems you'll need to understand everything from how neural networks work to training cnn models in this book you'll discover newly developed deep learning models methodologies used in the domain and their implementation based on areas of application you'll start by understanding the building blocks and the math behind neural networks and then move on to cnns and their advanced applications in computer vision you'll also learn to apply

the most popular cnn architectures in object detection and image segmentation further on you ll focus on variational autoencoders and gans you ll then use neural networks to extract sophisticated vector representations of words before going on to cover various types of recurrent networks such as lstm and gru you ll even explore the attention mechanism to process sequential data without the help of recurrent neural networks rnns later you ll use graph neural networks for processing structured data along with covering meta learning which allows you to train neural networks with fewer training samples finally you ll understand how to apply deep learning to autonomous vehicles by the end of this book you ll have mastered key deep learning concepts and the different applications of deep learning models in the real world what you will learn cover advanced and state of the art neural network architectures understand the theory and math behind neural networks train dnns and apply them to modern deep learning problems use cnns for object detection and image segmentation implement generative adversarial networks gans and variational autoencoders to generate new images solve natural language processing nlp tasks such as machine translation using sequence to sequence models understand dl techniques such as meta learning and graph neural networks who this book is for this book is for data scientists deep learning engineers and researchers and ai developers who want to further their knowledge of deep learning and build innovative and unique deep learning projects anyone looking to get to grips with advanced use cases and methodologies adopted in the deep learning domain using real world examples will also find this book useful basic understanding of deep learning concepts and working knowledge of the python programming language is assumed

ePub - European Conference on Social Media 2014-11-07

the four lncs volume set 9175 9178 constitutes the refereed proceedings of the 9th international conference on learning and collaboration technologies uahci 2015 held as part of the 17th international conference on human computer interaction hci 2015 in los angeles ca usa in august 2015 jointly with 15 other thematically similar conferences the total of 1462 papers and 246 posters presented at the hci 2015 conferences were carefully reviewed and selected from 4843 submissions these papers of the four volume set address the following major topics lncs 9175 universal access in human computer interaction access to today s technologies part i addressing the following major topics lncs 9175 design and evaluation methods and tools for universal access universal access to the web universal access to mobile interaction universal access to information communication and media lncs 9176 gesture based interaction touch based and haptic interaction visual and multisensory experience sign language technologies and smart and assistive environments lncs 9177 universal access to education universal access to health applications and services games for learning and therapy and cognitive disabilities and cognitive support and lncs 9178 universal access to culture orientation navigation and driving accessible security and voting universal access to the built environment and ergonomics and universal access

Universal Access in Human-Computer Interaction. Access to Today's Technologies 2015-07-18

this book elucidates how genetic biological and medical information can be applied to the development of personalized healthcare medication and therapies focusing on aspects of the development of evidence based approaches in bioinformatics and computational medicine including data integration methodologies tools and models for clinical and translational medicine it offers an essential introduction to clinical bioinformatics for clinical researchers and physicians medical students and teachers and scientists working with human disease based omics

and bioinformatics dr xiangdong wang is a distinguished professor of medicine he is director of shanghai institute of clinical bioinformatics director of fudan university center for clinical bioinformatics deputy director of shanghai respiratory research institute director of biomedical research center fudan university zhongshan hospital shanghai china dr christian baumgartner is a professor of health care and biomedical engineering at institute of health care engineering with european notified body of medical devices graz university of technology graz austria dr denis shields is a professor of clinical bioinformatics at conway institute belfield dublin ireland dr hong wen deng is a professor at department of biostatistics and bioinformatics tulane university school of public health and tropical medicine usa dr jacques s beckmann is a professor and director of section of clinical bioinformatics swiss institute of bioinformatics switzerland

Application of Clinical Bioinformatics 2016-03-31

this book presents a framework for integrating blended learning and massive open online courses moocs in the indian education system it argues that blended teaching and learning is the most suitable approach to education in a post covid 19 world drawing on case studies used in blended learning practices around the world the book provides ample resources for beginners to improvise the spread of knowledge around information technology in higher education it discusses various concepts such as flip learning in blended learning models and examines the self assessment tools and structures it offers to institutions for building competencies in addition to addressing the challenges and opportunities of adopting the digital mode of teaching the book also offers techniques and concepts helpful for designing moocs it covers concepts such as curriculum designing content flow teaching behavior and evaluation patterns which are important aspects of online teaching an indispensable guide to navigating the shift from offline to online teaching this book will be of interest to students teachers and researchers of education education technology digital education and information technology it will also be useful to policymakers educational institutions edtech start ups ngos in the education sector and online education centers

Blended Learning and MOOCs 2023-04-21

this book designed to meet the needs of clinicians and now in an extensively revised second edition clearly explains the rationale and technique for the rehabilitation of fully edentulous patients utilizing traditional graftless concepts as well as zygomatic implant strategies when posterior support cannot be achieved by the former means considerations relevant to treatment planning and the biomechanics of immediate loading and zygomatic implants are first discussed the techniques for placement of traditional tilted and zygomatic implants and for immediate loading of a full arch restoration are then described step by step detailed information and guidance are also provided on the different materials available for full arch restorations laboratory aspects of the definitive restoration maintenance of restorations and management of prosthetic and surgical complications the book concludes with a helpful series of clinical cases graftless solutions for the edentulous patient is designed particularly for clinicians with experience in placing and restoring dental implants

Graftless Solutions for the Edentulous Patient 2023-07-21

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Youth Unemployment in the EU: A Scarred Generation? - HL 164 2014-04-10

a practical guide that helps you progress to using modern integration methods and leverage new cloud capability models key featuresdesign critical hybrid integration solutions for your organizationgain in depth knowledge of how to build cloud native integration solutionsleverage cognitive services to build smart cloud solutionsbook description with more enterprises adapting cloud based and api based solutions application integration has become more relevant and significant than ever before parallely serverless integration has gained popularity as it helps agile organizations to build integration solutions quickly without having to worry about infrastructure costs with microsoft azure s serverless offerings such as logic apps azure functions api management azure event grid and service bus organizations can build powerful secure and scalable integration solutions with ease the primary objective of this book is to help you to understand various serverless offerings included within azure integration services taking you through the basics and industry practices and patterns this book starts by explaining the concepts of services such as azure functions logic apps and service bus with hands on examples and use cases after getting to grips with the basics you will be introduced to api management and building b2b solutions using logic apps enterprise integration pack this book will help readers to understand building hybrid integration solutions and touches upon microsoft cognitive services and leveraging them in modern integration solutions industry practices and patterns are brought to light at appropriate opportunities while explaining various concepts what you will learnlearn about the design principles of microsoft azure serverless integrationget insights into azure functions logic apps azure event grid and service bussecure and manage your integration endpoints using azure api managementbuild advanced b2b solutions using logic apps enterprise integration packmonitor integration solutions using tools available on the marketdiscover design patterns for hybrid integrationwho this book is for serverless integration design patterns with azure is for you if you are a solution architect or integration professional aiming to build complex cloud solutions for your organization developers looking to build next level hybrid or cloud solutions will also find this book useful prior programming knowledge is necessary

2015-04-16

clinical applications for next generation sequencing provides readers with an outstanding postgraduate resource to learn about the translational use of ngs in clinical environments rooted in both medical genetics and clinical medicine the book fills the gap between

state of the art technology and evidence based practice providing an educational opportunity for users to advance patient care by transferring ngs to the needs of real world patients the book builds an interface between genetic laboratory staff and clinical health workers to not only improve communication but also strengthen cooperation users will find valuable tactics they can use to build a systematic framework for understanding the role of ngs testing in both common and rare diseases and conditions from prenatal care like chromosomal abnormalities up to advanced age problems like dementia fills the gap between state of the art technology and evidence based practice provides an educational opportunity which advances patient care through the transfer of ngs to real world patient assessment promotes a practical tool that clinicians can apply directly to patient care includes a systematic framework for understanding the role of ngs testing in many common and rare diseases presents evidence regarding the important role of ngs in current diagnostic strategies

Serverless Integration Design Patterns with Azure 2019-02-13

las startups hoy nos resultan a todos familiares sobre todo a la hora de hablar de emprendimiento y tecnología en cualquier ámbito empresarial aunque es un término que desde hace tres o cuatro años se emplea con mayor frecuencia en realidad es algo de que algunos entre ellos nosotros en dosdoce hemos venido hablando desde hace años al compartir y analizar la relación de las nuevas tecnologías con en nuestro caso el sector cultural y ahora en concreto con el sector editorial y en el mundo del libro en general este informe trata de ofrecer una instantánea general actual para retomar el debate e incluso a conseguir una mayor voluntad de inversión dado que el editorial como el sector cultural en general no es un campo que destaque por sus inversiones en este tipo de empresas emergentes el estudio nace de la iniciativa de thad mcilroy involucrado desde finales de los 90 en el trabajo de empresas tecnológicas aplicadas al mundo del libro tanto como inversor como consultor que publicó a finales de 2016 el informe an authoritative look at book publishing startups in the united states donde se da una relación actual de cerca de 900 startups en relación al mundo del libro y que se comenzó a compilar a comienzos de 2012 la lista actualizada que aporta thad y que acompaña a este documento ahora también actualizado por nosotros nace de una lista que michael bashkar ya había elaborado de modo que en ese momento ambos estaban en la misma labor recopilatoria en dosdoce com hemos querido darle un enfoque más global fijándonos sobre todo en el espectro español y latinoamericano y añadiendo ejemplos europeos

Clinical Applications for Next-Generation Sequencing 2015-09-10

increase your metabolism with a plant based diet to prevent or improve heart disease type 2 diabetes obesity alzheimer s disease and the epidemic of chronic illnesses joan borysenko ph d a harvard trained cell biologist health psychologist and new york times best selling author believes that when you ve got the right information you can make powerful choices to change your life she cuts through the thicket of confusing and often downright wrong advice on nutrition and gives you easy to digest bite sized servings of real scientific information so you can discover which foods your body needs to heal and thrive since joan wears two hats as a psychologist and a cell biologist you can trust her to psych out your inner saboteur enabling you to make the changes you ve been dreaming of and as a busy woman who loves good food she ll teach you how to make simple scrumptious satisfying meals that you and your family will love whether you re omnivores vegans or vegetarians in this groundbreaking book joan will help you get up to date information on the nutrition revolution make friends with the plants that feed your gut bacteria lose the weight and keep it off understand how diet changes your genes and how your genes determine your

best diet fill out a health symptom checklist and track the changes as your personalized plantplus diet optimizes your metabolism know which tests to ask your doctor for and why create a sleek and streamlined plantplus kitchen make fabulous meals in minutes with simple recipes and meal plans

Evolución de las startups en el mundo del libro 2017-05-20

systems studied in environmental science due to their structure and the heterogeneity of the entities composing them often exhibit complex dynamics that can only be captured by hybrid modeling approaches while several concurrent definitions of hybrid modeling can be found in the literature it is defined here broadly as the approach consisting in coupling existing modelling paradigms to achieve a more accurate or efficient representation of systems the need for hybrid models generally arises from the necessity to overcome the limitation of a single modeling technique in terms of structural flexibility capabilities or computational efficiency this book brings together experts in the field of hybrid modelling to demonstrate how this approach can address the challenge of representing the complexity of natural systems chapters cover applied examples as well as modeling methodology

***The PlantPlus Diet Solution* 2014-09-30**

this book starts with background concerning three dimensional integration including their low energy consumption and high speed image processing and then proceeds to how to construct them and which materials to use in particular situations the book covers numerous applications including next generation smart phones driving assistance systems capsule endoscopes homing missiles and many others the book concludes with recent progress and developments in three dimensional packaging as well as future prospects

***Hybrid Solutions for the Modelling of Complex Environmental Systems* 2017-01-11**

this book offers up to date and comprehensive coverage of the diagnosis and therapy of adenocarcinoma of the esophagogastric junction egj as is appropriate in the era of multidisciplinary and multimodal treatment the contributions of all the various specialists involved cooperatively in the treatment of egj cancer are thoroughly described detailed attention is also paid to the significance of preneoplastic lesions such as barrett esophagus the final part of the book represents a surgical atlas documenting the techniques used in the egj region with superb color images and stepwise description of procedures against the background of the rapidly increasing incidence in egj cancer especially evident in western countries there is a need for greater uniformity in management strategies which currently vary significantly across the world this book provides appropriate guidance that will assist all practitioners involved in the diagnosis and treatment of egj cancers including surgeons oncologists and radiotherapists

Three-Dimensional Integration of Semiconductors 2015-12-09

accelerate hybrid cloud innovation using azure arc with the help of real world scenarios and examples key features get to grips with setting up and working with azure arc harness the power of azure arc and its integration with cutting edge technologies such as kubernetes and paas data services manage govern and monitor your on premises servers and applications with azure book description with all the options available for deploying infrastructure on multi cloud platforms and on premises comes the complexity of managing it which is adeptly handled by azure arc this book will show you how you can manage environments across platforms without having to migrate workloads from on premises or multi cloud to azure every time implementing hybrid cloud with azure arc starts with an introduction to azure arc and hybrid cloud computing covering use cases and various supported topologies you ll learn to set up windows and linux servers as arc enabled machines and get to grips with deploying applications on kubernetes clusters with azure arc and gitops the book then demonstrates how to onboard an on premises sql server infrastructure as an arc enabled sql server and deploy and manage a hyperscale postgresql infrastructure on premises through azure arc along with deployment the book also covers security backup migration and data distribution aspects finally it shows you how to deploy and manage azure s data services on your own private cloud and explore multi cloud solutions with azure arc by the end of this book you ll have a firm understanding of azure arc and how it interacts with various cutting edge technologies such as kubernetes and paas data services what you will learn set up a fully functioning azure arc managed environment explore products and services from azure that will help you to leverage azure arc understand the new vision of working with on premises infrastructure deploy azure s paas data services on premises or on other cloud platforms discover and learn about the technologies required to design a hybrid and multi cloud strategy implement best practices to govern your it infrastructure in a scalable model who this book is for this book is for cloud it professionals azure and or aws system administrators database administrators dbas and architects looking to gain clarity about how azure arc works and how it can help them achieve business value anyone with basic azure knowledge will benefit from this book

Adenocarcinoma of the Esophagogastric Junction 2017-02-23

over 90 recipes written by crytek developers for creating third generation real time games

Implementing Hybrid Cloud with Azure Arc 2021-07-16

rising inequality is the defining feature of our age with the lion s share of wealth growth going to the top for a growing percentage of society a middle class existence is out of reach what exactly are the economic shifts that have driven the social transformations taking place in anglo capitalist societies in this timely book lisa adkins melinda cooper and martijn konings argue that the rise of the asset economy has produced a new logic of inequality several decades of property inflation have seen asset ownership overshadow employment as a determinant of class position exploring the impact of generational dynamics in this new class landscape the book advances an original perspective on a range of phenomena that are widely debated but poorly understood including the growth of wealth inequalities and precarity the dynamics of urban property inflation changes in fiscal and monetary policy and the predicament of the millennial generation despite

widespread awareness of the harmful effects of quantitative easing and similar asset supporting measures we appear to have entered an era of policy lock in that is responsible for a growing disconnect between popular expectations and institutional priorities the resulting polarization underlies many of the volatile dynamics and rapidly shifting alliances that dominate today s headlines

CryENGINE 3 Cookbook 2011-06-23

integrated intelligence as a competitive advantage how can companies profit from artificial intelligence so far most firms use ai tools primarily for enhancing efficiency and automating jobs however artificial intelligence provides many more opportunities ulrich lichtenthaler shows that companies can achieve an unbeatable competitive advantage by making ai a core part of their innovation strategies the targeted integration of human and artificial intelligence which goes beyond standardized applications enables an enhanced form of intelligence a super intelligence or intelligence x this book will show executives hr professionals and consultants how to gradually develop intelligence x in large and medium sized organizations and how to use smart leadership principles and the i3 integrated intelligence incubator as tools for building a unique intelligence architecture with detailed guidelines for implementation and with many examples from the world s most innovative companies as well as from start ups integrated intelligence reveals how executives can achieve a sustainable competitive advantage through intelligence based business models

The Asset Economy 2020-10-07

and conclusions 1 introduction 2 relevant definitions 3 current situation and historical evidence 4 generation gap outlook 5 policy and market measures for capacity adequacy 6 summary of recommendations appendix 1 ec checklist appendix 2 the the ma power market model appendix 3 key model assumptions

Integrated Intelligence 2020-02-12

at the crossroads of various disciplines this collective work examines the possibility of a new end user engagement in ongoing digital technological products and services development it provides an overview of recent research specifically focused on the user s democratic participation and empowerment it also enables readers to better identify the main opportunities of participatory design a concept which encourages the blurring of the role between user and designer this allows people to escape their status as end user and to elevate themselves to the level of creator this book explores new avenues for rethinking the processes and practices of corporate innovation in order to cope with current socio economic and technological changes in so doing it aims to help companies renew industrial models that allow them to design and produce new ranges of technological products and services by giving the user an active role in the development process far beyond the basic role of consumer intended for designers design researchers and scientists interested in innovation and technology management this book also provides a valuable resource for professionals involved in technology based innovation processes

Capacity Adequacy in the Nordic Electricity Market 2015

computational approaches for novel therapeutic and diagnostic designing to mitigate sars cov2 infection revolutionary strategies to combat pandemics compiles information about various computational bioinformatic approaches that can help combat viral infection the book includes working knowledge of various molecular docking and molecular dynamic simulation approaches that have been exploited for drug repurposing and drug designing purpose in addition it sheds light on reverse vaccinomics and immunoinformatic approaches for vaccine designing against sars cov2 infection this book is an essential resource for researchers bioinformaticians computational biologists computational chemists and pharmaceutical companies who are working on the development of effective and specific therapeutic interventions and point of care diagnostic devices using various computational approaches covers computational based approaches for designing and repurposing drugs discusses immunoinformatic and reverse vaccinomic approaches for effective vaccine design categorizes information about artificial intelligence based drug screening and diagnostic tools

Empowering Users through Design 2015-01-12

how best to adapt established companies to a rapidly changing economy has long been a topic of debate in both the corporate and academic worlds this challenge is especially pressing for large organizations that may have grown top heavy and rigid with time but now need to be light on their feet to stay relevant and profitable until now the best attempts have consisted of plucking tools and methods from the world of start ups and applying them wholesale in large corporate environments most of these efforts have either fizzled or failed outright because they lacked a framework for a comprehensive corporation sized rollout the loop approach introduces a new series of methods that could help change the course of operations for even the most colossal organizations sebastian klein and ben hughes provide a wide ranging set of guidelines for achieving corporate agility complete with checklists and worksheets that should prove instantly applicable want proof the methods outlined in the loop approach have already been successfully implemented at such european corporate giants as audi deutsche bahn and telekom

Computational Approaches for Novel Therapeutic and Diagnostic Designing to Mitigate SARS-CoV2 Infection 2022-07-13

dj sbu is not your ordinary entrepreneur he was born to be great and refuses to settle for less have you ever wondered what goes on in the mind of a successful entrepreneur how they come up with their ground breaking ideas how they turn them into flourishing businesses how they deal with failure and what drives and motivates them billionaires under construction answers these questions and more as it charts the rise and rise of sbusiso leope one africa s most dynamic entrepreneurs from his childhood in tembisa to the global stage as a world class musician and dj from music mogul and co owner of ts records the label behind some of south africa s brightest young stars and more recently as the force behind the country s first black owned energy drink sbu s story is one of courage resilience inspiration and a refusal to let failure stop him in his own words you just can t stop his go billionaires under construction is a blueprint of sbu s success an honest and

direct account of the setbacks he s encountered including his high profile dismissal from two of south africa s most prominent radio stations and his equally notorious run in with forbes magazine the way in which sbu handles adversity reveals the triumph of his entrepreneurial spirit and the tenacity of a man who does indeed consider himself a billionaire under construction and he won t stop until his goal has become a reality so if you have aspirations to join the billionaire generation there is no better starting point than reading this book

The Loop Approach 2020-05

colonial trauma is a path breaking account of the psychosocial effects of colonial domination following the work of frantz fanon lazali draws on historical materials as well as her own clinical experience as a psychoanalyst to shed new light on the ways in which the history of colonization leaves its traces on contemporary postcolonial selves lazali found that many of her patients experienced difficulties that can only be explained as the effects of colonial trauma dating from the french colonization of algeria and the postcolonial period many french feel weighed down by a colonial history that they are aware of but which they have not experienced directly many algerians are traumatized by the way that the french colonial state imposed new names on people and the land thereby severing the links with community history and genealogy and contributing to feelings of loss abandonment and injustice only by reconstructing this history and uncovering its consequences can we understand the impact of colonization and give individuals the tools to come to terms with their past by demonstrating the power of psychoanalysis to illuminate the subjective dimension of colonial domination this book will be of great interest to anyone concerned with the long term consequences of colonization and its aftermath

Billionaires Under Construction 2017-04-01

this volume presents a unique and comprehensive glimpse of current and emerging issues of concern related to potable water the themes discussed include 1 historical perspective of the evolution of drinking water science and technology and drinking water standards and regulations 2 emerging contaminants water distribution problems and energy demand for water treatment and transportation and 3 using alternative water sources and methods of water treatment and distribution that could resolve current and emerging global potable problems this volume will serve as a valuable resource for researchers and environmental engineering students interested in global potable water sustainability and a guide to experts affiliated with international agencies working toward providing safe water to global communities

Colonial Trauma 2021-01-22

written by physicians who are experts in both traditional and complementary medicine integrative medicine 5th edition uses a clinical disease oriented approach to safely and effectively incorporate alternative therapies into primary care practice drawing on available scientific evidence and the authors first hand experiences it covers therapies such as botanicals supplements mind body lifestyle choices nutrition exercise spirituality and other integrative medicine modalities this highly regarded reference offers practical guidance for reducing costs and improving patient care while focusing on prevention and wellness for a better quality of life explains how to make the

best use of integrative medicine and the mechanisms by which these therapeutic modalities work keeping you at the forefront of the trend toward integrative health care templated chapters make it quick and easy to find key information such as dosing pearls the prevention prescription and therapeutic reviews that incorporates the evidence vs harm icon uses the reliable sort method strength of recommendation taxonomy to provide evidence based ratings grading both the evidence and the relative potential harm thoroughly updated ensuring that you remain well informed regarding the latest evidence contains 10 new chapters covering clinician resilience supporting immunity nash fatty liver hair loss rethinking the movement prescription compassion practices prescribing low dose naltrexone psychedelics tapering off ppis and opioids as well as an expanded osteopathy chapter covers timely topics aimed at reducing the epidemics of polypharmacy and opioid overuse as well as supporting immunity in the face of infectious diseases provides online access to multiple choice questions for every chapter perfect for board exam review

Potable Water 2014-09-15

this book presents an overview of the ways in which women have been able to conduct mathematical research since the 18th century despite their general exclusion from the sciences grouped into four thematic sections the authors concentrate on well known figures like sophie germain and grace chisholm young as well as those who have remained unnoticed by historians so far among them are stanisława nidodym the first female students at the universities in prague at the turn of the 20th century and the first female professors of mathematics in denmark highlighting individual biographies couples in science the situation at specific european universities and sociological factors influencing specific careers from the 18th century to the present the authors trace female mathematicians status as it evolved from singular and anomalous to virtually commonplace the book also offers insights into the various obstacles women faced when trying to enter perhaps the most male discipline of all and how some of them continue to shape young girls self perceptions and career choices today thus it will benefit scholars and students in stem disciplines gender studies and the history of science women in science mathematics and at institutions and those working in mathematics education

Gesture-Speech Integration: Combining Gesture and Speech to Create Understanding 2021-09-14

this book functions as a comprehensive and authoritative reference book in blood transfusion and blood substitutes it is a collection of the latest developments and the newest investigations and individual chapters are written by world experts in the arena the book begins with a historical review on the practice of transfusions as well as the components and physiology of blood the following chapters cover various topics including platelet substitutes hemoglobin based oxygen carriers perfluorocarbon based oxygen carriers and safety issues related to artificial hemoglobin all chapters provide a bulleted highlights list to facilitate readers in mastering the main points of each individual chapter blood substitutes and oxygen biotherapeutics is an invaluable reference book for perioperative care providers hematologists anesthesiologists surgeons obstetricians and gynecologists

Integrative Medicine 2022-08-12

the chinese people s liberation army pla is the largest army in the world china is predicted to be on the brink of overtaking the usa as the world s largest economy and china s military capabilities and global ambitions are the single greatest long term pre occupation of western governments the pla has progressed steadily if slowly since its creation in 1949 from a mass army of unsophisticated infantry limited to human wave tactics into a highly sophisticated force with wide capabilities the most recent reforms 1989 to the present day have been made possible by massive economic liberalization and have seen not only the modernization of all the armed forces but the beginnings of global outreach even including chinese participation in un peace keeping missions to africa the middle east and haiti featuring rare photographs and specially commissioned color artwork this study explores the developing structure organization equipment appearance and character of the chinese people s liberation army from its creation until today

Against All Odds 2020-07-29

150 5 it

Blood Substitutes and Oxygen Biotherapeutics 2022-08-08

***The Chinese People's Liberation Army since 1949* 2012-11-20**

150 2012-11-13

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