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discrimination and racism and the dark side for religion to delicate balances impacting us and the world climate change the pandemic and how ancient structures like stonehenge and the pyramids could have been built for science the study then turns to theological implications of scientific theories including relativity and quantum sure to ruffle the feathers of some from both sides the examination focuses on how scientific paradigms fail to cohere with traditional theological doctrines and presents the potentially uncomfortable view that scientific revolutions might warrant a corresponding revolution for theology itself □□ □□ □□□□□□□□□ □□ □□□□□□□□□ □□ □□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□chatgpt □□□□□□□□□□□□□□□ chatgpt □□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□ □ □□□□□ □□□□□□□□□□□□□ □□□ □□□ □□ □□ □□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□□□□□□□1□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□ multiple criteria decision making mcdm is a subfield of operations research dealing with decision making problems a decision making problem is characterized by the need to choose one or a few among a number of alternatives the field of mcdm assumes special importance in this era of big data and business analytics in this volume the focus will be on modelling based tools for business analytics ba with exclusive focus on the sub field of mcdm within the domain of operations research the book will include an introduction to big data and business analytics and challenges and opportunities for developing mcdm models in the era of big data a user s guide to the bible is a practical introduction to the bible for adults in this study you will learn about the contents date and authorship of each biblical book be introduced to some basic bible study tools and learn how to use them insights bible studies for growing faith is a fresh and timely bible study series in these short term thematically based resources individuals and groups are invited to find meaning and direction for their lives by exploring the scriptures in a way that is both thoughtful and thought provoking beginning oracle sql is your introduction to the interactive query tools and specific dialect of sql used with oracle database these tools include sql plus and sql developer sql plus is the one tool any oracle developer or database administrator can always count on and it is widely used in creating scripts to automate routine tasks sql developer is a powerful graphical environment for developing and debugging queries oracle s is possibly the most valuable dialect of sql from a career standpoint oracle s database engine is widely used in corporate environments worldwide it is also found in many government applications oracle sql implements many features not found in competing products no developer or dba working with oracle can afford to be without knowledge of these features and how they work because of the performance and expressiveness they bring to the table written in an easygoing and example based style beginning oracle sql is the book that will get you started down the path to successfully writing sql statements and getting results from oracle database takes an example based approach with clear and authoritative explanations introduces both sql and the query tools used to execute sql statements shows how to create tables populate them with data and then query that data to generate business results this document brings together a set of latest data points and publicly available information relevant for technology industry we are very excited to share this content and believe that readers will benefit from this periodic publication immensely this book constitutes the thoroughly refereed post proceedings of the annual international conference on

computational intelligence and security cis 2006 held in guangzhou china in november 2006 the 116 revised papers presented were carefully reviewed and selected from a total of 2078 initial submissions during two rounds of revision and improvement the papers are organized in topical sections on bio inspired computing evolutionary computation learning systems and multi agents cryptography information processing and intrusion detection systems and security image and signal processing as well as pattern recognition go in depth with this comprehensive discussion of distributed energy management distributed energy management of electrical power systems provides the most complete analysis of fully distributed control approaches and their applications for electric power systems available today authored by four respected leaders in the field the book covers the technical aspects of control operation management and optimization of electric power systems in each chapter the book covers the foundations and fundamentals of the topic under discussion it then moves on to more advanced applications topics reviewed in the book include system level coordinated control optimization of active and reactive power in power grids the coordinated control of distributed generation elastic load and energy storage systems distributed energy management incorporates discussions of emerging and future technologies and their potential effects on electrical power systems the increased impact of renewable energy sources is also covered perfect for industry practitioners and graduate students in the field of power systems distributed energy management remains the leading reference for anyone with an interest in its fascinating subject matter ubiquitous and pervasive technologies such as rfid and smart computing promise a world of networked and interconnected devices everything from tires to toothbrushes could soon be in communications range heralding the dawn of an era in which today s internet of people gives way to tomorrow s internet of things where billions of obje knowledge discovery and data mining have become areas of growing significance because of the recent increasing demand for kdd techniques including those used in machine learning databases statistics knowledge acquisition data visualization and high performance computing in view of this and following the success of the five previous pakdd conferences the sixth pacific asia conference on knowledge discovery and data mining pakdd 2002 aimed to provide a forum for the sharing of original research results innovative ideas state of the art developments and implementation experiences in knowledge discovery and data mining among researchers in academic and industrial organizations much work went into preparing a program of high quality we received 128 submissions every paper was reviewed by 3 program committee members and 32 were selected as regular papers and 20 were selected as short papers representing a 25 acceptance rate for regular papers the pakdd 2002 program was further enhanced by two keynote speeches delivered by vipin kumar from the univ of minnesota and rajeev rastogi from at t in addition pakdd 2002 was complemented by three tutorials xml and data mining by kyuseok shim and surajit chadhuri mining customer data across various customer touchpoints at commerce sites by jaideep srivastava and data clustering analysis from simple groupings to scalable clustering with constraints by osmar zaiane and andrew foss the current book is a nice blend of number of great ideas theories mathematical models and practical systems in the domain of semantics the book has been divided into two volumes the current one is the first volume which highlights the advances in theories and mathematical models in the

domain of semantics this volume has been divided into four sections and ten chapters the sections include 1 background 2 queries predicates and semantic cache 3 algorithms and logic programming and 4 semantic and interfaces authors across the world have contributed to debate on state of the art systems theories mathematical models in the domain of semantics subsequently new theories mathematical models and systems have been proposed developed and evaluated □□ this book explains how uhf tags and readers communicate wirelessly it gives an understanding of what limits the read range of a tag how to increase it and why that might result in breaking the law and the practical things that need to be addressed when designing and implementing rfid technology avoiding heavy math but giving breadth of coverage with the right amount of detail it is an ideal introduction to radio communications for engineers who need insight into how tags and readers work new to this edition examples of near metal antenna techniques discussion of the wakeup challenge for battery assisted tags with a bat architecture example latest development of protocols epc gen 1 2 0 update 18000 6 discussion with battery assisted tags sensor tags manchester tags and wakeup provisions named a 2012 notable computer book for computer systems organization by computing reviews the only book to give an understanding of radio communications the underlying technology for radio frequency identification rfid praised for its readability and clarity it balances breadth and depth of coverage new edition includes latest developments in chip technology antennas and protocols this 5 volume hcii duxu 2023 book set constitutes the refereed proceedings of the 12th international conference on design user experience and usability duxu 2023 held as part of the 24th international conference hci international 2023 which took place in copenhagen denmark in july 2023 a total of 1578 papers and 396 posters have been accepted for publication in the hcii 2023 proceedings from a total of 7472 submissions the papers included in this volume set were organized in topical sections as follows part i design methods tools and practices emotional and persuasive design part ii design case studies and creativity and design education part iii evaluation methods and techniques and usability user experience and technology acceptance studies part iv designing learning experiences and chatbots conversational agents and robots design and user experience part v duxu for cultural heritage and duxu for health and wellbeing modern information systems differ in essence from their predecessors they support operations at multiple locations and different time zones are distributed and network based and use multidimensional data analysis data warehousing knowledge discovery knowledge management mobile computing and other modern information processing methods this book considers fundamental issues of modern information systems it discusses query processing data quality data mining knowledge management mobile computing software engineering for information systems construction and other topics the book presents research results that are not available elsewhere with more than 40 contributors it is a solid source of information about the state of the art in the field of databases and information systems it is intended for researchers advanced students and practitioners who are concerned with the development of advanced information systems this book includes peer reviewed articles from the 12th international workshop on spoken dialogue system technology iwsds 2021 singapore nowadays dialogue systems or conversational agents have become one of the most important mechanisms for human computer or human

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robot interaction that has been widely adopted as new paradigm for many applications companies and final users on the other hand recent advances in natural language processing understanding and generation as well as a continuous increasing computational power and large number of resources and data have brought important and consistent improvements to the capabilities of dialogue systems enabling users to have more productive and enjoyable interactions however on the threshold of a new decade the current state of the art shows important areas where improvements are needed such as incorporation of ground based knowledge personality emotions and adaptability as well as automatic mechanisms for objective robust and fast evaluations especially in the context of developing social and e health applications in this 12th edition of the international workshop on spoken dialogue systems iwsds conversational ai for natural human centric interaction compiles and presents a synopsis on current global research efforts to push forward the state of the art in dialogue technologies including advances to the classical problems of dialogue management language generation and understanding personalisation and generation spokena and multimodal interaction dialogue evaluation dialogue modelling and applications as well as topics related to chatbots and conversational agent technologies organizations of all sizes face the challenge of managing massive volumes of increasingly valuable data but storing this data can be costly and extracting value from the data is becoming more difficult it organizations have limited resources but must stay responsive to dynamic environments and act quickly to consolidate simplify and optimize their it infrastructures the ibm storwize v5000 gen2 system provides a smarter solution that is affordable easy to use and self optimizing which enables organizations to overcome these storage challenges the storwize v5000 gen2 delivers efficient entry level configurations that are designed to meet the needs of small and midsize businesses designed to provide organizations with the ability to consolidate and share data at an affordable price the storwize v5000 gen2 offers advanced software capabilities that are found in more expensive systems this ibm redbooks publication is intended for pre sales and post sales technical support professionals and storage administrators it applies to the storwize v5030 v5020 and v5010 and to ibm spectrum virtualizetm v8 2 1 mac選びのポイントとappleのai ビットコインを理解しよう 巻頭特集 apple純正ホームスピーカを実際に触って検証 homepod 速攻実機レポート siriを搭載したapple製ホームスピーカ homepod が米国時間2月9日より発売されました 日本未発売の本製品ですが さっそく米国で入手して実機検証 さて その実力は これを読めば 日本にいながらhomepodのすべてがわかります 第1特集 今が買い おすすめするのはこの5モデルだ mac完全購入ガイド 2018 新しいmacを購入して新しい季節を迎えようとしている人も多いと思います 現在のmacはすべて必要充分なパワーを持っているので どのモデルを購入しても大きな失敗はありません しかし ディスプレイサイズやプロセッサの組み合せは非常に多く 結局どのモデルを選べばいいのかわからないとう声もよく聞かれます そこで 本特集では 万人におすすめできるモデルを各カテゴリごとに1モデル選び 実際に試してわかったことを明らかにしていきます 皆さんのmac選びの助けになれば幸いです 第2特集 売り物 にしないapple流の人工知能と機械学習 appleのai活用ー戦略とテクノロジーと使い方ー 昨今メディアで話題に上らない日がないほど注目されている ai 人工知能 そのai分野において appleはライバル企業に比べ遅れているといわれています しかし その 遅れ とはいったい何を指しているのでしょうか appleのai活用の本質は ai研究の先端競争 からは見えてきません では どのようなビジョンのもと appleはaiを私たちの生活へ落とし込もうとしているのか 本特集は 自身からはあまり多く語られないappleのai活用について紐解くものです special まだ間に合う リスクを知って安全に始めよう macユーザのためのビットコイン講座 皆さんは ビットコイン を知っていますか 最近 テレビや街中などでよく目にするようになった単語なので 気になっている方も多いかと思います ビットコインはいわゆる 仮想通貨 といって 簡単にいうと電子的に発行される通貨のこと 今 投資目的でビットコインに興味を持つ人が増えてきています そこで 今回は皆さんのために macで ビットコイン取引を行うための手引き書を作ってみました ビットコイン取引における必須知識から 実際の取引方法 macならではの使い方まで学んでいきましょう mac fan basic プリント の基本 応用 実践 topics appleがios 11 3で実現する守りと攻めのアップデート imac proに新たに搭載された apple t2 から未来を考察する リスナーをプレイヤーに変える 楽器界のapple の次世代デバイス 名刺管理のパイオニアが目指す 名刺がいらなくなる世界 iphone xのスクリーンに宿る スクエアクル と 調和 自転車が盗まれたらiphoneで検索 盗難時のお見舞金もついてくる 今のクリエイティブにおける ストーリー の大切さ 韓国初のapple storeがソウル市内にオープ

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 focuses on information assurance security and privacy services this book discusses program security data security and authentication internet scourges security usable security human centric aspects security privacy and access control economic aspects of security threat modeling intrusion and response this book constitutes the refereed proceedings of the euc 2007 workshops held in conjunction with the ifip international conference on embedded and ubiquitous computing euc 2007 in taipei taiwan in december 2007 the 69 revised full papers presented together with four invited papers were carefully reviewed and selected from about 200 submissions to the seven workshops a broad range of topics are covered radio frequency identification rfid tagging is now used by the department of defense and many of the world s largest retailers including wal mart as rfid continues to infiltrate industries worldwide organizations must harness a clear understanding of this technology in order to maximize its potential and protect against the potential risks it poses the rfid handbook provides an overview of rfid technology its associated security and privacy risks and recommended practices that will enable organizations to realize productivity improvements while also protecting sensitive information and the privacy of individuals expert contributors present a host of applications including rfid enabled automated receiving triage with rfid for massive incidents rfid and nfc in relation to mobile phones and rfid technologies for communication robots and a privacy preserving video surveillance system the unprecedented coverage also includes detailed descriptions of adaptive splitting protocols as well as tree based and probabilistic anti collision protocols drawing on its distinguished editors and world renowned contributors this one of a kind handbook serves as the ultimate reference on rfid from basic research concepts to future applications this book introduces the technologies and techniques of large scale rfid enabled mobile computing systems the discussion is set in the context of specific system case studies where rfid has been the core enabling technology in retail metropolitan transportation logistics and e passport applications rfid technology fundamentals are covered including operating principles core system components and performance trade offs involved in the selection of specific rfid platforms parallel processing offers a solution to the problem of providing the processing power necessary to help understand and master the complexity of natural phenomena and engineering structures by taking several basic processing devices and connecting them together the potential exists of achieving a performance many times that of an individual device however building parallel application programs is today recognized as a highly complex activity requiring specialist skills and in depth knowledge parle is an international european based conference which focuses on the parallel processing subdomain of informatics and information technology it is intended to become the european forum for interchange between experts in the parallel processing domain and to attract both industrial and academic participants with a technical programme designedto provide a balance between theory and practice this volume contains the proceedings of parle 93 the parle conference came into existence in 1987 as an initiative from the esprit i programme and the format was revised in 1991 92 parle 93 is the second conference with the new format and was held in munich this book constitutes the refereed proceedings of the 9th international conference on information security and cryptology icisc 2006 held in busan korea in november december 2006 the 26 revised full

papers presented together with two invited talks have gone through two rounds of reviewing and improvement and were selected from 129 submissions the papers are organized in topical sections on hash functions block and stream ciphers efficient implementation and hardware network security and access control mobile communications security forensics copyright protection biometrics public key cryptosystems and digital signatures this two volume set lncs 4277 4278 constitutes the refereed proceedings of 14 international workshops held as part of otm 2006 in montpellier france in october november 2006 the 191 revised full papers presented were carefully reviewed and selected from a total of 493 submissions to the workshops the first volume begins with 26 additional revised short or poster papers of the otm 2006 main conferences pcmag com is a leading authority on technology delivering labs based independent reviews of the latest products and services our expert industry analysis and practical solutions help you make better buying decisions and get more from technology this handbook covers electronic medical record emr systems which enable the storage management and sharing of massive amounts of demographic diagnosis medication and genomic information it presents privacy preserving methods for medical data ranging from laboratory test results to doctors comments the reuse of emr data can greatly benefit medical science and practice but must be performed in a privacy preserving way according to data sharing policies and regulations written by world renowned leaders in this field each chapter offers a survey of a research direction or a solution to problems in established and emerging research areas the authors explore scenarios and techniques for facilitating the anonymization of different types of medical data as well as various data mining tasks other chapters present methods for emerging data privacy applications and medical text de identification including detailed surveys of deployed systems a part of the book is devoted to legislative and policy issues reporting on the us and eu privacy legislation and the cost of privacy breaches in the healthcare domain this reference is intended for professionals researchers and advanced level students interested in safeguarding medical data this book constitutes the refereed proceedings of the 8th international conference on intelligent data analysis ida 2009 held in lyon france august 31 september 2 2009 the 33 revised papers 18 full oral presentations and 15 poster and short oral presentations presented were carefully reviewed and selected from almost 80 submissions all current aspects of this interdisciplinary field are addressed for example interactive tools to guide and support data analysis in complex scenarios increasing availability of automatically collected data tools that intelligently support and assist human analysts how to control clustering results and isotonic classification trees in general the areas covered include statistics machine learning data mining classification and pattern recognition clustering applications modeling and interactive dynamic data visualization intelligence in networks is a concept the meaning of which is highly related to the time period when it is used in the 1960s 1970s and 1980s it was mainly related to the teleservice repertoire an sich in the 1990s it is more related to efficient flexibility in the introduction of new teleservices and teleservice repertoire this state of the art text sets out to identify and study issues related to solutions for increasing intelligence in networks as examples intelligence networks in telecommunication information networking architecture tina and mobile agents and active networks are different solutions for

improving the grade of network intelligence the areas under discussion include research and development within various closely related fields such as teleservices service architecture and service creation middleware and specification languages mobile agents active networks plug and play issues and quality of service and performance list intelligence in networks contains the proceedings of smartnet 99 the fifth in a series of conferences on intelligence in networks sponsored by the international federation for information processing ifip at the asian institute of technology pathumthani thailand in november 1999 for more than 40 years computerworld has been the leading source of technology news and information for it influencers worldwide computerworld s award winning site computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global it media network explore and work with various microsoft azure services for real time data analytics key featuresÊ understanding what azure can do with your data understanding the analytics services offered by azure understand how data can be transformed to generate more data understand what is done after a machine learning model is builtÊ go through some data analytics real world use cases ÊÊ descriptionÊ data is the key input for analytics building and implementing data platforms such as data lakes modern data marts and analytics at scale require the right cloud platform that azure provides through its services the book starts by sharing how analytics has evolved and continues to evolve following the introduction you will deep dive into ingestion technologies you will learn about data processing services in azure you will next learn about what is meant by a data lake and understand how azure data lake storage is used for analytical workloads you will then learn about critical services that will provide actual machine learning capabilities in azure the book also talks about azure data catalog for cataloging azure ad for access management apps and powerapps for cloud web applications cognitive services for speech vision search and language azure vm for computing and data science vms functions as serverless computing kubernetes and containers as deployment options towards the end the book discusses two use cases on analytics what will you learnÊÊ explore and work with various azure services orchestrate and ingest data using azure data factory learn how to use azure stream analytics get to know more about synapse analytics and its features learn how to use azure analysis services and its functionalities Ê who this book is forÊ this book is for anyone who has basic to intermediate knowledge of cloud and analytics concepts and wants to use microsoft azure for data analytics this book will also benefit data scientists who want to use azure for machine learning Ê table of contentsÊÊ 1 Ê data and its power 2 Ê evolution of analytics and its types 3 Ê internet of things 4 Ê ai and ml 5 Ê why cloud 6 Ê what are a data lake and a modern datamart 7 Ê introduction to azure services 8 Ê types of data 9 Ê azure data factory 10 stream analytics 11 azure data lake store and azure storage 12 cosmos db 13 Ê synapse analytics 14 Ê azure databricks 15 Ê azure analysis services 16 Ê power bi 17 Ê azure machine learning 18 Ê sample architectures and synergies real time and batch 19 Ê azure data catalog 20 Ê azure active directory 21 Ê azure webapps 22 Ê power apps 23 Ê time series insights 24 Ê azure cognitive services 25 Ê azure logicapps 26 Ê azure vm 27 Ê azure functions 28 Ê azure containers 29 Ê azure kubernetesÊ service 30 Ê use case 1 31 Ê use case 2 renewable energy auctions provides an overview of renewable energy auctions globally

focusing on the global south since this is where auctions have been pioneered and provided most transformative results renewable energy auctions have become the dominant method for contracting utility scale renewable energy projects in large part due to the cost efficient tariffs secured through this method the ascent of auctions has been particularly rapid and transformative in the global south where many countries have secured renewable energy supplies at record breaking prices this book analyses the experiences of frontier auction markets in latin america sub saharan africa and india with the aim of improving how auctions are designed and implemented globally the book goes beyond the topic of auction design which is concerned with the micro economics of design choices to include auction implementation across ten chapters the authors argue that choices around the auction implementing institution and the procurement process are overlooked in most publications on the subject yet this is often a key factor for determining outcomes moving beyond the program level of analysis auction design and implementation the book includes both country and project level factors impacts on auction outcomes ultimately highlighting that successful price and investment outcomes are dependent upon integration of all three levels of auction design and implementation

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ビジネス・暮らしに活かせる**ChatGPT**・生成**AI**活用アイデア大全 *2023-12-26*

この商品はタブレットなど大きいディスプレイを備えた端末で読むことに適しています また 文字だけを拡大することや 文字列のハイライト 検索 辞書の参照 引用などの機能が使用できません ビジネスハックから収益化まで 今すぐ簡単に使いこなせる活用ワザ 仕事の効率が上がる 生活の質がアップ リスキリングに役立つ 副業に活用できる タイパが高まる aiを自由に使いこなす時代へ 近年急速に注目を集め 普及が進んでいる 生成ai itに詳しくない人も 興味のある人も気軽に活用できる 電子書籍版の解説画像はカラー写真でわかりやすい 目次 chapter1 aiとはいったい何か 1 01 生成aiの衝撃 1 02 aiの歴史の振り返り 1 03 aiは人間の仕事を奪うのか 1 04 生成ai活用における注意点 chapter2 生成aiの種類 2 01 様々な種類の生成ai 2 02 画像生成ai 2 03 文章生成ai 2 04 音楽生成ai 2 05 動画生成ai 2 06 3dモデル生成ai chapter3 生活 学習アイデア 3 01 健康に良いレシピを考える 3 02 youtubeの内容を要約する 3 03 自分の分身を作って話をする 3 04 aiと気兼ねなく英語を効率的に学ぶ 3 05 英文から単語帳を作る 3 06 英語学習用の例文を作る 3 07 toeicの練習問題を作る 3 08 難しい言葉や概念をわかりやすく説明する 3 09 画像について解説する 3 10 数学や物理の計算問題を一瞬で解く 3 11 積分して関数のグラフを書く chapter4 sns 副業アイデア 4 01 x 旧twitter の投稿文をハッシュタグ付きで作る 4 02 instagramの投稿を効率的にする 4 03 youtubeの投稿を効率化する 4 04 tiktokなどショート動画の投稿を効率化する 4 05 ブログを運営してお金を稼ぐ 4 06 webサイトのqrコードを作る 4 07 webライティングでお金を稼ぐ 4 08 翻訳でお金を稼ぐ 4 09 海外の仕事を個人で受注してドルを稼ぐ 4 10 ai美女の写真集を発行し収益化する chapter5 ビジネス活用アイデア 5 01 会話の文字起こし 議事録をつくる 5 02 アンケートの回答を分析する 5 03 csvやexcelファイルのデータを分析する 5 04 メール文を一瞬で作る 5 05 謝罪文の原案を考えてもらう 5 06 uxを改善する 5 07 マーケターの仕事を効率化する 5 08 気になる論文を効率的に検索する 5 09 パワポ資料を数分で作る 5 10 テキスト1行でlpを作る 5 11 見た目を良くしてオンライン通話する 5 12 アバターにプレゼンしてもらう 5 13 質の高い研修動画を手軽に作る chapter6 クリエイティブ 創作アイデア 6 01 小説を創作する 6 02 様々なロゴを制作する 6 03 ポッドキャストを効率的に作る 6 04 ミームマーケティングの素材を作る 6 05 nftアートを活用したマーケティング施策を考える 6 06 簡単なプログラムを実行する

Operations and Production Systems with Multiple Objectives *2014-02-03*

the first comprehensive book to uniquely combine the three fields of systems engineering operations production systems and multiple criteria decision making optimization systems engineering is the art and science of designing engineering and building complex systems combining art science management and engineering disciplines operations and production systems with multiple objectives covers all classical topics of operations and production systems as well as new topics not seen in any similiar textbooks before small scale design of cellular systems large scale design of complex systems clustering productivity and efficiency measurements and energy systems filled with completely new perspectives paradigms and robust methods of solving classic and modern problems the book includes numerous examples and sample spreadsheets for solving each problem a solutions manual and a book companion site complete with worked examples and supplemental articles operations and production systems with multiple objectives will teach readers how operations and production systems are designed and planned how operations and production systems are engineered and optimized how to formulate and solve manufacturing systems problems how to model and solve interdisciplinary and systems engineering problems how to solve decision problems with multiple and conflicting objectives this book is ideal for senior undergraduate ms and phd graduate students in all fields of engineering business and management as well as practitioners and researchers in systems engineering operations production and manufacturing

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A User's Guide--The Sequel 2022-08-30

there is science and there is religion and never the twain shall meet is that to be the fate of these two disciplines having one foot in the religious world and the other in the scientific can be as precarious as attempting to remain astride two logs in a river in this sequel to a user s guide to our present world what everyone should know about religion and science complexions of what religion and science look like today are investigated it discuses topics from jesus and family values evangelists who arrive at your door discrimination and racism and the dark side for religion to delicate balances impacting us and the world climate change the pandemic and how ancient structures like stonehenge and the pyramids could have been built for science the study then turns to theological implications of scientific theories including relativity and quantum sure to ruffle the feathers of some from both sides the examination focuses on how scientific paradigms fail to cohere with traditional theological doctrines and presents the potentially uncomfortable view that scientific revolutions might warrant a corresponding revolution for theology itself

CryoTran User's Manual, Version 1.0 *1989*

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multiple criteria decision making mcdm is a subfield of operations research dealing with decision making problems a decision making problem is characterized by the need to choose one or a few among a number of alternatives the field of mcdm assumes special importance in this era of big data and business analytics in this volume the focus will be on modelling based tools for business analytics ba with exclusive focus on the sub field of mcdm within the domain of operations research the book will include an introduction to big data and business analytics and challenges and opportunities for developing mcdm models in the era of big data

Big Data Analytics Using Multiple Criteria Decision-Making Models *2017-07-12*

a user s guide to the bible is a practical introduction to the bible for adults in this study you will learn about the contents date and authorship of each biblical book be introduced to some basic bible study tools and learn how

to use them insights bible studies for growing faith is a fresh and timely bible study series in these short term thematically based resources individuals and groups are invited to find meaning and direction for their lives by exploring the scriptures in a way that is both thoughtful and thought provoking

A User's Guide to the Bible *2010-04-01*

beginning oracle sql is your introduction to the interactive query tools and specific dialect of sql used with oracle database these tools include sql plus and sql developer sql plus is the one tool any oracle developer or database administrator can always count on and it is widely used in creating scripts to automate routine tasks sql developer is a powerful graphical environment for developing and debugging queries oracle s is possibly the most valuable dialect of sql from a career standpoint oracle s database engine is widely used in corporate environments worldwide it is also found in many government applications oracle sql implements many features not found in competing products no developer or dba working with oracle can afford to be without knowledge of these features and how they work because of the performance and expressiveness they bring to the table written in an easygoing and example based style beginning oracle sql is the book that will get you started down the path to successfully writing sql statements and getting results from oracle database takes an example based approach with clear and authoritative explanations introduces both sql and the query tools used to execute sql statements shows how to create tables populate them with data and then query that data to generate business results

Beginning Oracle SQL *2014-03-18*

this document brings together a set of latest data points and publicly available information relevant for technology industry we are very excited to share this content and believe that readers will benefit from this periodic publication immensely

I Bytes Technology Industry *2021-02-11*

this book constitutes the thoroughly refereed post proceedings of the annual international conference on computational intelligence and security cis 2006 held in guangzhou china in november 2006 the 116 revised papers presented were carefully reviewed and selected from a total of 2078 initial submissions during two rounds of revision and improvement the papers are organized in topical sections on bio inspired computing evolutionary computation learning systems and multi agents cryptography information processing and intrusion detection systems and security image and signal processing as well as pattern recognition

Computational Intelligence and Security *2007-08-21*

go in depth with this comprehensive discussion of distributed energy management distributed energy management of electrical power systems provides the most complete analysis of fully distributed control approaches and their applications for electric power systems available today authored by four respected leaders in the field the book covers the technical aspects of control operation management and optimization of electric power systems in each chapter the book covers the foundations and fundamentals of the topic under discussion it then moves on to more advanced applications topics reviewed in the book include system level coordinated control optimization of active and reactive power in power grids the coordinated control of distributed generation elastic load and energy storage systems distributed energy management incorporates discussions of emerging and future technologies and their potential effects on electrical power systems the increased impact of renewable energy sources is also covered perfect for industry practitioners and graduate students in the field of power systems distributed energy management remains the leading reference for anyone with an interest in its fascinating subject matter

Distributed Energy Management of Electrical Power Systems 2021-01-13

ubiquitous and pervasive technologies such as rfid and smart computing promise a world of networked and interconnected devices everything from tires to toothbrushes could soon be in communications range heralding the dawn of an era in which today s internet of people gives way to tomorrow s internet of things where billions of obje

The Internet of Things *2008-03-05*

knowledge discovery and data mining have become areas of growing significance because of the recent increasing demand for kdd techniques including those used in machine learning databases statistics knowledge acquisition data visualization and high performance computing in view of this and following the success of the five previous pakdd conferences the sixth pacific asia conference on knowledge discovery and data mining pakdd 2002 aimed to provide a forum for the sharing of original research results innovative ideas state of the art developments and implementation experiences in knowledge discovery and data mining among researchers in academic and industrial organizations much work went into preparing a program of high quality we received 128 submissions every paper was reviewed by 3 program committee members and 32 were selected as regular papers and 20 were selected as short papers representing a 25 acceptance rate for regular papers the pakdd 2002 program was further enhanced by two keynote speeches delivered by vipin kumar from the univ of minnesota and rajeev rastogi from at t in addition

pakdd 2002 was complemented by three tutorials xml and data mining by kyuseok shim and surajit chadhuri mining customer data across various customer touchpoints at commerce sites by jaideep srivastava and data clustering analysis from simple groupings to scalable clustering with constraints by osmar zaiane and andrew foss

Advances in Knowledge Discovery and Data Mining 2003-08-01

the current book is a nice blend of number of great ideas theories mathematical models and practical systems in the domain of semantics the book has been divided into two volumes the current one is the first volume which highlights the advances in theories and mathematical models in the domain of semantics this volume has been divided into four sections and ten chapters the sections include 1 background 2 queries predicates and semantic cache 3 algorithms and logic programming and 4 semantic and interfaces authors across the world have contributed to debate on state of the art systems theories mathematical models in the domain of semantics subsequently new theories mathematical models and systems have been proposed developed and evaluated

Semantics *2012-04-25*

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□□□□□□(RFID)□□□□□□□□□□□□□□□□□□□□(□) *2008-07-01*

this book explains how uhf tags and readers communicate wirelessly it gives an understanding of what limits the read range of a tag how to increase it and why that might result in breaking the law and the practical things that need to be addressed when designing and implementing rfid technology avoiding heavy math but giving breadth of coverage with the right amount of detail it is an ideal introduction to radio communications for engineers who need insight into how tags and readers work new to this edition examples of near metal antenna techniques discussion of the wakeup challenge for battery assisted tags with a bat architecture example latest development of protocols epc gen 1 2 0 update 18000 6 discussion with battery assisted tags sensor tags manchester tags and wakeup provisions named a 2012 notable computer book for computer systems organization by computing reviews the only book to give an understanding of radio communications the underlying technology for radio frequency identification rfid praised for its readability and clarity it balances breadth and depth of coverage new edition includes latest developments in chip technology antennas and protocols

The RF in RFID *2012-11-01*

this 5 volume hcii duxu 2023 book set constitutes the refereed proceedings of the 12th international conference on design user experience and usability duxu 2023 held as part of the 24th international conference hci international 2023 which took place in copenhagen denmark in july 2023 a total of 1578 papers and 396 posters have been accepted for publication in the hcii 2023 proceedings from a total of 7472 submissions the papers included in this volume set were organized in topical sections as follows part i design methods tools and practices emotional and persuasive design part ii design case studies and creativity and design education part iii evaluation methods and techniques and usability user experience and technology acceptance studies part iv designing learning experiences and chatbots conversational agents and robots design and user experience part v duxu for cultural heritage and duxu for health and wellbeing

Design, User Experience, and Usability *2023-07-08*

modern information systems differ in essence from their predecessors they support operations at multiple locations and different time zones are distributed and network based and use multidimensional data analysis data warehousing knowledge discovery knowledge management mobile computing and other modern information processing methods this book considers fundamental issues of modern information systems it discusses query processing data quality data mining knowledge management mobile computing software engineering for information systems construction and other topics the book presents research results that are not available elsewhere with more than 40 contributors it is a solid source of information about the state of the art in the field of databases and information systems it is intended for researchers advanced students and practitioners who are concerned with the development of advanced information systems

Databases and Information Systems *2013-04-17*

this book includes peer reviewed articles from the 12th international workshop on spoken dialogue system technology iwsds 2021 singapore nowadays dialogue systems or conversational agents have become one of the most important mechanisms for human computer or human robot interaction that has been widely adopted as new paradigm for many applications companies and final users on the other hand recent advances in natural language processing understanding and generation as well as a continuous increasing computational power and large number of resources and data have brought important and consistent improvements to the capabilities of dialogue systems enabling users to have more productive and enjoyable interactions however on the threshold of a new decade the current state of

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the art shows important areas where improvements are needed such as incorporation of ground based knowledge personality emotions and adaptability as well as automatic mechanisms for objective robust and fast evaluations especially in the context of developing social and e health applications in this 12th edition of the international workshop on spoken dialogue systems iwsds conversational ai for natural human centric interaction compiles and presents a synopsis on current global research efforts to push forward the state of the art in dialogue technologies including advances to the classical problems of dialogue management language generation and understanding personalisation and generation spokena and multimodal interaction dialogue evaluation dialogue modelling and applications as well as topics related to chatbots and conversational agent technologies

Conversational AI for Natural Human-Centric Interaction *2022-10-31*

organizations of all sizes face the challenge of managing massive volumes of increasingly valuable data but storing this data can be costly and extracting value from the data is becoming more difficult it organizations have limited resources but must stay responsive to dynamic environments and act quickly to consolidate simplify and optimize their it infrastructures the ibm storwize v5000 gen2 system provides a smarter solution that is affordable easy to use and self optimizing which enables organizations to overcome these storage challenges the storwize v5000 gen2 delivers efficient entry level configurations that are designed to meet the needs of small and midsize businesses designed to provide organizations with the ability to consolidate and share data at an affordable price the storwize v5000 gen2 offers advanced software capabilities that are found in more expensive systems this ibm redbooks publication is intended for pre sales and post sales technical support professionals and storage administrators it applies to the storwize v5030 v5020 and v5010 and to ibm spectrum virtualizetm v8 2 1

Implementing the IBM Storwize V5000 Gen2 (including the Storwize V5010, V5020, and V5030) with IBM Spectrum Virtualize V8.2.1 *2019-08-01*

mac選びのポイントとappleのai ビットコインを理解しよう 巻頭特集 apple純正ホームスピーカを実際に触って検証 homepod 速攻実機レポート siriを搭載したapple製ホームスピーカ homepod が米国時間2月9日より発売されました 日本未発売の本製品ですが さっそく米国で入手して実機検証 さて その実力は これを読めば 日本にいながらhomepodのすべてがわかります 第1特集 今が買い おすすめするのはこの5モデルだ mac完全購入ガイド 2018 新しいmacを購入して新しい季節を迎えようとしている人も多いと思います 現在のmacはすべて必要充分なパワーを持っているので どのモデルを購入しても大きな失敗はありません しかし ディスプレイサイズやプロセッサの組み合せは非常に多く 結局どのモデルを選べばいいのかわからないとう声もよく聞かれます そこで 本特集では 万人におすすめできるモデルを各カテゴリごとに1モデル選び 実際に試してわかったことを明らかにしていきます 皆さんのmac選びの助けになれば幸いです 第2特集 売り物 にしないapple流の人工知能と機械学習 appleのai活用ー戦略とテクノロジーと使い方ー 昨今メディアで話題に上らない日がないほど注目されている ai 人工知能 そのai分野において appleはライバル企業に比べ遅れているといわれています しかし その 遅れ とはいったい何を指しているのでしょうか appleのai活用の本質は ai研究の先端競争 からは見えてきません では どのようなビジョンのもと appleはaiを私たちの生活へ落とし込もうとしているのか 本特集は 自身からはあまり多く語られないappleのai活用について紐解くものです special まだ間に合う リスクを知って安全に始めよう macユーザのためのビットコイン講座 皆さんは ビットコイン を知っていますか 最近 テレビや街中などでよく目にするようになった単語なので 気になっている方も多いかと思います ビットコインはいわゆる 仮想通貨 といって 簡単にいうと電子的に発行

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される通貨のこと 今 投資目的でビットコインに興味を持つ人が増えてきています そこで 今回は皆さんのために macで ビットコイン取引を行うための手引き書を作ってみました ビットコイン取引における必須知識から 実際の取引方法 macならではの使い方まで学んでいきましょう mac fan basic プリント の基本 応用 実践 topics appleがios 11 3で実現する守りと攻めのアップデート imac proに新たに搭載された apple t2 から未来を考察する リスナーをプレイヤーに変える 楽器界のapple の次世代デバイス 名刺管理のパイオニアが目指す 名刺がいらなくなる世界 iphone xのスクリーンに宿る スクエアクル と 調和 自転車が盗まれたらiphoneで検索 盗難時のお見舞金もついてくる 今のクリエイティブにおける ストーリー の大切さ 韓国初のapple storeがソウル市内にオープン

Mac Fan 2018年4月号 *2018-02-28*

focuses on information assurance security and privacy services this book discusses program security data security and authentication internet scourges security usable security human centric aspects security privacy and access control economic aspects of security threat modeling intrusion and response

Information Assurance, Security and Privacy Services 2009-05-29

this book constitutes the refereed proceedings of the euc 2007 workshops held in conjunction with the ifip international conference on embedded and ubiquitous computing euc 2007 in taipei taiwan in december 2007 the 69 revised full papers presented together with four invited papers were carefully reviewed and selected from about 200 submissions to the seven workshops a broad range of topics are covered

Comprehensive Documentation of Driver (DRACR) and Passenger (PAC) Computer Models. User's Manual. Final Report 1982

radio frequency identification rfid tagging is now used by the department of defense and many of the world s largest retailers including wal mart as rfid continues to infiltrate industries worldwide organizations must harness a clear understanding of this technology in order to maximize its potential and protect against the potential risks it poses the rfid handbook provides an overview of rfid technology its associated security and privacy risks and recommended practices that will enable organizations to realize productivity improvements while also protecting sensitive information and the privacy of individuals expert contributors present a host of applications including rfid enabled automated receiving triage with rfid for massive incidents rfid and nfc in relation to mobile phones and rfid technologies for communication robots and a privacy preserving video surveillance system the unprecedented coverage also includes detailed descriptions of adaptive splitting protocols as well as tree based and probabilistic anti collision protocols drawing on its distinguished editors and world renowned contributors this one of a kind handbook serves as the ultimate reference on rfid from basic research concepts to future applications

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Emerging Directions in Embedded and Ubiquitous Computing *2007-12-05*

this book introduces the technologies and techniques of large scale rfid enabled mobile computing systems the discussion is set in the context of specific system case studies where rfid has been the core enabling technology in retail metropolitan transportation logistics and e passport applications rfid technology fundamentals are covered including operating principles core system components and performance trade offs involved in the selection of specific rfid platforms

RFID Handbook *2017-12-19*

parallel processing offers a solution to the problem of providing the processing power necessary to help understand and master the complexity of natural phenomena and engineering structures by taking several basic processing devices and connecting them together the potential exists of achieving a performance many times that of an individual device however building parallel application programs is today recognized as a highly complex activity requiring specialist skills and in depth knowledge parle is an international european based conference which focuses on the parallel processing subdomain of informatics and information technology it is intended to become the european forum for interchange between experts in the parallel processing domain and to attract both industrial and academic participants with a technical programme designedto provide a balance between theory and practice this volume contains the proceedings of parle 93 the parle conference came into existence in 1987 as an initiative from the esprit i programme and the format was revised in 1991 92 parle 93 is the second conference with the new format and was held in munich

Networked RFID 2008-10-17

this book constitutes the refereed proceedings of the 9th international conference on information security and cryptology icisc 2006 held in busan korea in november december 2006 the 26 revised full papers presented together with two invited talks have gone through two rounds of reviewing and improvement and were selected from 129 submissions the papers are organized in topical sections on hash functions block and stream ciphers efficient implementation and hardware network security and access control mobile communications security forensics copyright protection biometrics public key cryptosystems and digital signatures

CATIA Base-geometry Interface User Manual 1987

this two volume set lncs 4277 4278 constitutes the refereed proceedings of 14 international workshops held as part of otm 2006 in montpellier france in october november 2006 the 191 revised full papers presented were carefully reviewed and selected from a total of 493 submissions to the workshops the first volume begins with 26 additional revised short or poster papers of the otm 2006 main conferences

PARLE '93 Parallel Architectures and Languages Europe *1993-06-07*

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Reorienting the U.S. Global Change Research Program Toward a User-driven Research Endeavor *2008*

this handbook covers electronic medical record emr systems which enable the storage management and sharing of massive amounts of demographic diagnosis medication and genomic information it presents privacy preserving methods for medical data ranging from laboratory test results to doctors comments the reuse of emr data can greatly benefit medical science and practice but must be performed in a privacy preserving way according to data sharing policies and regulations written by world renowned leaders in this field each chapter offers a survey of a research direction or a solution to problems in established and emerging research areas the authors explore scenarios and techniques for facilitating the anonymization of different types of medical data as well as various data mining tasks other chapters present methods for emerging data privacy applications and medical text de identification including detailed surveys of deployed systems a part of the book is devoted to legislative and policy issues reporting on the us and eu privacy legislation and the cost of privacy breaches in the healthcare domain this reference is intended for professionals researchers and advanced level students interested in safeguarding medical data

Information Security and Cryptology – ICISC 2006 2006-11-14

this book constitutes the refereed proceedings of the 8th international conference on intelligent data analysis ida 2009 held in lyon france august 31 september 2 2009 the 33 revised papers 18 full oral presentations and 15

poster and short oral presentations presented were carefully reviewed and selected from almost 80 submissions all current aspects of this interdisciplinary field are addressed for example interactive tools to guide and support data analysis in complex scenarios increasing availability of automatically collected data tools that intelligently support and assist human analysts how to control clustering results and isotonic classification trees in general the areas covered include statistics machine learning data mining classification and pattern recognition clustering applications modeling and interactive dynamic data visualization

On the Move to Meaningful Internet Systems 2006: OTM 2006 Workshops *2006-10-26*

intelligence in networks is a concept the meaning of which is highly related to the time period when it is used in the 1960s 1970s and 1980s it was mainly related to the teleservice repertoire an sich in the 1990s it is more related to efficient flexibility in the introduction of new teleservices and teleservice repertoire this state of the art text sets out to identify and study issues related to solutions for increasing intelligence in networks as examples intelligence networks in telecommunication information networking architecture tina and mobile agents and active networks are different solutions for improving the grade of network intelligence the areas under discussion include research and development within various closely related fields such as teleservices service architecture and service creation middleware and specification languages mobile agents active networks plug and play issues and quality of service and performance list intelligence in networks contains the proceedings of smartnet 99 the fifth in a series of conferences on intelligence in networks sponsored by the international federation for information processing ifip at the asian institute of technology pathumthani thailand in november 1999

PC Mag 2007-08-07

for more than 40 years computerworld has been the leading source of technology news and information for it influencers worldwide computerworld s award winning site computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global it media network

Medical Data Privacy Handbook *2015-11-26*

explore and work with various microsoft azure services for real time data analytics key featuresÊ understanding what azure can do with your data understanding the analytics services offered by azure understand how data can be transformed to generate more data understand what is done after a machine learning model is builtÊ go through some

data analytics real world use cases ÊÊ descriptionÊ data is the key input for analytics building and implementing data platforms such as data lakes modern data marts and analytics at scale require the right cloud platform that azure provides through its services the book starts by sharing how analytics has evolved and continues to evolve following the introduction you will deep dive into ingestion technologies you will learn about data processing services in azure you will next learn about what is meant by a data lake and understand how azure data lake storage is used for analytical workloads you will then learn about critical services that will provide actual machine learning capabilities in azure the book also talks about azure data catalog for cataloging azure ad for access management apps and powerapps for cloud web applications cognitive services for speech vision search and language azure vm for computing and data science vms functions as serverless computing kubernetes and containers as deployment options towards the end the book discusses two use cases on analytics what will you learnÊÊ explore and work with various azure services orchestrate and ingest data using azure data factory learn how to use azure stream analytics get to know more about synapse analytics and its features learn how to use azure analysis services and its functionalities Ê who this book is forÊ this book is for anyone who has basic to intermediate knowledge of cloud and analytics concepts and wants to use microsoft azure for data analytics this book will also benefit data scientists who want to use azure for machine learning Ê table of contentsÊÊ 1 Ê data and its power 2 Ê evolution of analytics and its types 3 Ê internet of things 4 Ê ai and ml 5 Ê why cloud 6 Ê what are a data lake and a modern datamart 7 Ê introduction to azure services 8 Ê types of data 9 Ê azure data factory 10 stream analytics 11 azure data lake store and azure storage 12 cosmos db 13 Ê synapse analytics 14 Ê azure databricks 15 Ê azure analysis services 16 Ê power bi 17 Ê azure machine learning 18 Ê sample architectures and synergies real time and batch 19 Ê azure data catalog 20 Ê azure active directory 21 Ê azure webapps 22 Ê power apps 23 Ê time series insights 24 Ê azure cognitive services 25 Ê azure logicapps 26 Ê azure vm 27 Ê azure functions 28 Ê azure containers 29 Ê azure kubernetesÊ service 30 Ê use case 1 31 Ê use case 2

The RFID Ceretification Textbook, 3rd Edition *2007*

renewable energy auctions provides an overview of renewable energy auctions globally focusing on the global south since this is where auctions have been pioneered and provided most transformative results renewable energy auctions have become the dominant method for contracting utility scale renewable energy projects in large part due to the cost efficient tariffs secured through this method the ascent of auctions has been particularly rapid and transformative in the global south where many countries have secured renewable energy supplies at record breaking prices this book analyses the experiences of frontier auction markets in latin america sub saharan africa and india with the aim of improving how auctions are designed and implemented globally the book goes beyond the topic of auction design which is concerned with the micro economics of design choices to include auction implementation across ten chapters the authors argue that choices around the auction implementing institution and the procurement

process are overlooked in most publications on the subject yet this is often a key factor for determining outcomes moving beyond the program level of analysis auction design and implementation the book includes both country and project level factors impacts on auction outcomes ultimately highlighting that successful price and investment outcomes are dependent upon integration of all three levels of auction design and implementation

Advances in Intelligent Data Analysis VIII *2009-08-27*

Intelligence in Networks 2012-12-06

Conference Record 1991

Computerworld *2006-08-14*

Hands-on Cloud Analytics with Microsoft Azure Stack *2020-11-12*

Renewable Energy Auctions 2024-02-16

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