

Free epub Graph databases new opportunities for connected data (PDF)

Graph Databases Big Data Analytics for Connected Vehicles and Smart Cities Cellular V2X for Connected Automated Driving Designing Connected Products Enterprise Architecture for Connected E-Government: Practices and Innovations Internet of Things. Information Processing in an Increasingly Connected World Connected CRM AWS Amazon Connect Graph Databases Emerging Mobile and Web 2.0 Technologies for Connected E-Government Soft Computing Techniques in Connected Healthcare Systems Connected Vehicle Systems Connected, Intelligent, Automated Security of Networks and Services in an All-Connected World AI-enabled Technologies for Autonomous and Connected Vehicles Intelligent and Connected Vehicle Security Secure Connected Objects Big Data Analytics for Smart and Connected Cities Leveraging Transdisciplinary Engineering in a Changing and Connected World AI Enabled IoT for Electrification and Connected Transportation Getting Started with Mule Cloud Connect Internet of Things and Connected Technologies Green Connected Automated Transportation and Safety Maths Connect Reputation Strategy and Analytics in a Hyper-Connected World Vedic Machine Database Management Systems Grid-Connected Solar Electric Systems Maths Connect The MIDI Manual Handbook of Research on Innovations in Technology and Marketing for the Connected Consumer Remote Sensing Image Fusion Advances in Computational Intelligence Online and Distance Education for a Connected World Autonomous and Connected Vehicles Connect and Secure Your iPhone and iPad Connected Vehicles in the Internet of Things Getting Started with IBM API Connect: Concepts and Architecture Guide Connected Planning ITS Sensors and Architectures for Traffic Management and Connected Vehicles

Graph Databases 2015-06-10

discover how graph databases can help you manage and query highly connected data with this practical book you ll learn how to design and implement a graph database that brings the power of graphs to bear on a broad range of problem domains whether you want to speed up your response to user queries or build a database that can adapt as your business evolves this book shows you how to apply the schema free graph model to real world problems this second edition includes new code samples and diagrams using the latest neo4j syntax as well as information on new functionality learn how different organizations are using graph databases to outperform their competitors with this book s data modeling query and code examples you ll quickly be able to implement your own solution model data with the cypher query language and property graph model learn best practices and common pitfalls when modeling with graphs plan and implement a graph database solution in test driven fashion explore real world examples to learn how and why organizations use a graph database understand common patterns and components of graph database architecture use analytical techniques and algorithms to mine graph database information

***Big Data Analytics for Connected Vehicles and Smart Cities* 2017-08-31**

this practical new book presents the application of big data analytics to connected vehicles smart cities and transportation systems this book enables transportation professionals to understand how data analytics can and will expand the design and engineering of connected vehicles and smart cities readers find extensive case studies and examples that provide a strong framework focusing on practical application of data sciences and analytic tools for actual projects in the field both federal and private sector investments have a strong interest in the connected vehicle and this book discusses the impact this has on transportation this book defines urban analytics and modeling incentives and governance mobility networks energy networks and other attributes and elements that craft a smart city readers learn how smart cities impact the application of advanced technologies in urban areas this book explains how recently passed transportation legislation for the us has a specific emphasis on the use of data for performance management

Cellular V2X for Connected Automated Driving 2021-04-27

cellular v2x for connected automated driving a unique examination of cellular communication technologies for connected automated driving combining expert insights from telecom and automotive industries as well as technical and scientific knowledge from industry and academia cellular vehicle to everything c v2x technologies enable vehicles to communicate both with the network with each other and with other road users using reliable responsive secure and high capacity communication links cellular v2x for connected automated driving provides an up to date view of the role of c v2x technologies in connected automated driving cad and connected road user cru services such as advanced driving support improved road safety infotainment over the air software updates remote driving and traffic efficiency services enabling the future large scale transition to self driving vehicles this timely book discusses where c v2x technology is situated within the increasingly interconnected ecosystems of the mobile communications and automotive industries an expert contributor team from both industry and academia explore potential applications business models standardization spectrum and channel modelling network enhancements security and privacy and more broadly divided into two parts introductory and advanced material the text first introduces c v2x technology and introduces a variety of use cases and opportunities requiring no prerequisite technical knowledge the second part of the book assumes a basic understanding of the field of telecommunications presenting technical descriptions of the radio system aspects and network design for the previously discussed applications this up to date resource provides technical details from the finding of the european commission h2020 5g ppp 5gcar project a collaborative research initiative between the telecommunications and automotive industries and academic researchers elaborates on use cases business models and a technology roadmap for those seeking to shape a start up in the area of automated and autonomous driving provides up to date descriptions of standard specifications standardization and industry organizations and important regulatory aspects for connected vehicles provides technical insights and solutions for the air interface network architecture positioning and security to support vehicles at different automation levels includes detailed tables plots and equations to clarify concepts accompanied by online tutorial slides for use in teaching and seminars thanks to its mix of introductory content and technical information cellular v2x for connected automated driving is a must have for industry and academic researchers telecom and automotive industry practitioners leaders policymakers and regulators and university level instructors and students additional resources available at the following site cellular v2x for connected automated driving 5gcar

Designing Connected Products 2015-05-18

networked thermostats fitness monitors and door locks show that the internet of things can and will enable new ways for people to interact with the world around them but designing connected products for consumers brings new challenges beyond conventional software ui and interaction design this book provides experienced ux designers and technologists with a clear and practical roadmap for approaching consumer product strategy and design in this novel market by drawing on the best of current design practice and academic research designing connected products delivers sound advice for working with cross device interactions and the complex ecosystems inherent in iot technology

Enterprise Architecture for Connected E-Government: Practices and Innovations 2012-06-30

this book addresses the gap in current literature in terms of linking and understanding the relationship between e government and government enterprise architecture provided by publisher

Internet of Things. Information Processing in an Increasingly Connected World 2019-03-19

this open access book constitutes the refereed post conference proceedings of the first ifip international cross domain conference on internet of things ifipiot 2018 held at the 24th ifip world computer congress wcc 2018 in poznan poland in september 2018 the 12 full papers presented were carefully reviewed and selected from 24 submissions also included in this volume are 4 wcc 2018 plenary contributions an invited talk and a position paper from the ifip domain committee on iot the papers cover a wide range of topics from a technology to a business perspective and include among others hardware software and management aspects process innovation privacy power consumption architecture applications

Connected CRM 2014-02-19

praise for connected crm many books explore the subject of crm in this book the m is for marketing and david s seasoned perspective indeed makes it a capital m taking core direct response marketing techniques and moving beyond the simple use of data and analytics he explores how today s marketers can leverage advances in technology to create successful customer centric business strategies ted ward vp of marketing geico a must read for cmos and more importantly ceos to simplify all the buzzwords around big data and dimensionalize the organizational change necessary to become truly customer centric theresa mclaughlin chief marketing and communications officer citizens financial group big data social and cloud have become overused buzzwords with ambiguous meaning but david brings to bear his years of industry leadership and experiences to break down today s trends and opportunities in a practical actionable fashion a must read for anyone who prefers profit over powerpoint manish bhatt svp and chief digital officer metlife in a data rich world consumers demand that marketers turn data into highly relevant and personal experiences don t talk with me as a member of a segment talk with me about how you will meet my unique expectations and solve my unique problems for those of us who grew up in the marketing world of mass and broadcast this is a tall order connected crm helps marketers unpack customer centricity for their organizations providing real insight into the development of a framework for enterprise customer centricity a framework that promises true sustainable advantage tom lamb cmo lowe s never before has customer data been more available more necessary to build sales and loyalty and more confusing to act on david shows exactly what needs to be done it s about time and we should all thank him a lot steve cone evp of integrated value and strategy aarp the marketers who truly learn to harness the power of customer analytics and big data will take the spoils in an increasingly digital age those who don t will quickly find themselves on a growing heap of failed marketing plans paul guyardo chief revenue and marketing officer directv

AWS Amazon Connect 2020-05-22

aws amazon connect 1 2 3 4 ccp 5 real time streaming 6

Graph Databases 2015

the purpose of this book is to introduce graphs and graph databases to technology practitioners including developers database professionals and technology decision makers reading this book will give you a practical understanding of graph databases we show how the graph model shapes data and how we query reason about understand and act upon data using a graph database we discuss the kinds of problems that are well aligned with graph databases with examples drawn from actual real world use cases and we show how to plan and implement a graph database solution preface

Emerging Mobile and Web 2.0 Technologies for Connected E-Government **2014-05-31**

e government describes the utilization of technologies to improve the lives of citizens and business organizations while facilitating the operation of the government with the rise of new technologies governments need to consider implementing 2 0 and mobile technologies as a way to offer relevant e services to citizens so that they may fully participate in governmental affairs emerging mobile and 2 0 technologies for connected e government highlights the latest technologies and how they can be implemented by the government and effectively used by citizens this book aims to be an inclusive reference source for researchers practitioners students and managers interested in the application of recent technological innovations to develop a more effective e government system

Soft Computing Techniques in Connected Healthcare Systems 2023-12-20

provides applications of soft computing techniques related to healthcare systems such as machine learning fuzzy logic and statistical mathematics play in the advancements of smart healthcare systems examine descriptive predictive and social network techniques and discusses analytical tools and the important role they play in enhancing the services to connected healthcare systems addresses real time challenges and case studies in the healthcare industry presents various soft computing methodologies like fuzzy logic ann and genetic algorithms to help decision making focuses on data centric operations in the healthcare industry

Connected Vehicle Systems 2017-08-07

connected vehicles and intelligent vehicles have been identified as key technologies for increasing road safety and transport efficiency this book presents and discusss the recent advances in theory and practice in connected vehicle systems it covers emerging research that aims at dealing with the challenges in designing the essential functional components of connected vehicles major topics include intra and inter vehicle communications mobility model of fleet and ramp merging trace and position data analysis security and privacy

Connected, Intelligent, Automated 2020-02-01

quality 4 0 is for all industries and this book is for anyone who wants to learn how industry 4 0 and quality 4 0 can help improve quality and performance in their team or company this comprehensive guide is the culmination of 25 years of research and practice exploring implementing and critically examining the quality and performance improvement aspects of industry 4 0 technologies navigate the connected intelligent and automated ecosystems of infrastructure people objects machines and data sift through the noise around ai ar big data blockchain cybersecurity and other rising technologies and emerging issues to find the signals for your organization discover the value proposition of quality 4 0 and the leading role for quality professionals to drive successful digital transformation initiatives the changes ahead are powerful exciting and overwhelming and we can draw on the lessons from past work to mitigate the risks we face today connected intelligent automated provides you with the techniques philosophies and broad overall knowledge you need to understand quality 4 0 and helps you leverage those things for the future success of your enterprise chapter 1 quality 4 0 and the fourth industrial revolution chapter 2 connected ecosystems chapter 3 intelligent agents and machine learning chapter 4 automation from manual labor to autonomy chapter 5 quality 4 0 use cases across industries chapter 6 from algorithms to advanced analytics chapter 7 delivering value and impact through data science chapter 8 data quality and data management chapter 9 software applications data platforms chapter 10 blockchain chapter 11 performance excellence chapter 12 environment health safety quality ehsq and cybersecurity chapter 13 voice of the customer voc chapter 14 elements of a quality 4 0 strategy chapter 15 playbook for transformation n m radziwillspan is senior vp of quality and strategy at ultranauts a professional services firm specializing in quality assurance and quality engineering for software data science and

digital transformation radziwill is editor of the journal software quality professional an asq fellow and an asq certified six sigma black belt radziwill is one of asq s influential voices and blogs

Security of Networks and Services in an All-Connected World

2017-06-29

this book is open access under a cc by 4 0 license this book constitutes the refereed proceedings of the 11th ifip wg 6 6 international conference on autonomous infrastructure management and security aims 2017 held in zurich switzerland in july 2017 the 8 full papers presented together with 11 short papers were carefully reviewed and selected from 24 submissions the papers are organized in the following topical sections security management management of cloud environments and services evaluation and experimental study of rich network services security intrusion detection and configuration autonomic and self management solutions and methods for the protection of infrastructure

AI-enabled Technologies for Autonomous and Connected Vehicles

2022-09-07

this book reports on cutting edge research and advances in the field of intelligent vehicle systems it presents a broad range of ai enabled technologies with a focus on automated autonomous and connected vehicle systems it covers advanced machine learning technologies including deep and reinforcement learning algorithms transfer learning and learning from big data as well as control theory applied to mobility and vehicle systems furthermore it reports on cutting edge technologies for environmental perception and vehicle to everything v2x discussing socioeconomic and environmental implications and aspects related to human factors and energy efficiency alike of automated mobility gathering chapters written by renowned researchers and professionals this book offers a good balance of theoretical and practical knowledge it provides researchers practitioners and policy makers with a comprehensive and timely guide on the field of autonomous driving technologies

Intelligent and Connected Vehicle Security 2022-09-01

intelligent and connected vehicles icvs are moving into the mainstream of the worldwide automotive industry a lot of advanced technologies like artificial intelligence big data millimeter wave radar lidar and high definition camera based real time environmental perception etc are increasingly being applied in icvs making them more intelligent and connected with devices surrounding the vehicles however although the versatile connection and information exchange among icvs external devices and human beings provides vehicles with a better and faster perception of surrounding environments and a better driving experience for users they also create a series of intrusion portals for malicious attackers which threaten the safety of drivers and passengers this book is concerned with the recognition and protection against such threats security for icvs includes information across the fields of automobile engineering artificial intelligence computer microelectronics automatic control communication technology big data edge cloud computing and others this book comprehensively and systematically introduces security threats to icvs coming from automotive technology development on board sensors vehicle networking automobile communications intelligent transportation big data cloud computing etc then through discussion of some typical automobile cyber attack cases studies readers will gain a deeper understanding of the working principle of icvs so that they can test vehicles more objectively and scientifically in this way they will find the existence of vulnerabilities and security risks and take the corresponding protective measures to prevent malicious attacks

Secure Connected Objects 2017-05-24

in this book the authors focus on the concrete aspects of iot internet of things the daily operation on the ground of this domain including concrete and detailed discussion of the designs applications and realizations of secure connected things and iot as experts in the development of rfid and iot technologies the authors offer the reader a highly technical discussion of these topics including the many approaches technical security safety ergonomic economic normative regulations etc involved in secure connected objects projects this book is written both for readers wishing to familiarize themselves with the complex issues surrounding networking objects and for those who design these connective things

Big Data Analytics for Smart and Connected Cities 2018-12-18

premier reference source book cover

Leveraging Transdisciplinary Engineering in a Changing and Connected World 2023-11-14

simple problems have become rare in today's technologically advanced world problems are typically much more complex and solving them requires integrative knowledge from several disciplines technology alone cannot be the answer collaborative teams equipped with knowledge and skills in various disciplines are indispensable to exploit technologies effectively and create new conceptual theoretical methodological and translational innovations that integrate and move beyond discipline specific approaches to address a common problem in the changing and connected world this book presents the proceedings of te2023 the 30th international conference on transdisciplinary engineering held in hua hin cha am thailand from 11 14 july 2023 the theme of this year's conference was leveraging transdisciplinary engineering in a changing and connected world and it provided a forum for more than 115 participants from academia and industry to exchange knowledge and ideas connected to this aspect of transdisciplinary engineering a total of 117 submissions were received for the conference of which 93 were selected for presentation and publication here following a rigorous abstract and full paper review process they are arranged under 7 categories product design and development team working smart operations for value chain management transdisciplinary approaches engineering education critical issues in transdisciplinary engineering and theoretical contributions providing a comprehensive overview of the latest innovations and ideas in transdisciplinary engineering the book will be of interest to all those working in the field

AI Enabled IoT for Electrification and Connected Transportation 2022-06-04

this book presents an overview of artificial intelligence ai in the automotive section especially in the modern era of green energy based electrification of vehicles and smart transportation systems the book

also discusses different internet of things aspects involved in the automotive domain with ai the book presents autonomous driving systems advanced driver assistance systems adas autonomy ai involvement and machine learning techniques with challenges in electrification prognostics and diagnostics ai and iot are two emerging technologies and their importance in other modern technology electrification on transportation connected vehicle segment are discussed thoroughly in this book with different topologies it also presents ai applications in the charging profile prediction state of charge state of health battery lifetime and battery temperature detection in dynamic conditions different algorithms are also given in the book to discuss the nearest point charging station for electric vehicle users the book also discusses cybersecurity issues and challenges in the real time environment for ai implementation iot in transportation and autonomous driving the other aspects of telematics smart sensors for the implementation of the iot and ai are also discussed especially in guidance and control aspects the book will be useful for the researchers practitioners and industry people working in ai iot in the electrification and transportation segment

Getting Started with Mule Cloud Connect 2012-12-19

connect your enterprise to a wide range of saas platforms open apis and social networks quickly and without difficulty through step by step instructions and numerous real world examples this concise guide shows you how to seamlessly integrate the external services you need with mule esb and its powerful cloud connect toolset you ll learn how to use service specific connectors for many popular apis including salesforce twitter linkedin and twilio through easy to learn abstractions if mule doesn t have a connector for the resource you need you ll learn how to build your own you ll discover how easy it is to reach beyond the enterprise firewall for a host of internet resources discover the advantages of using mule cloud connect over typical web service clients and protocols learn how cloud connectors eliminate the need to understand the underlying api of each service get started with the latest real time technologies including rest webhooks and streaming apis integrate oauth secure apis and understand their role in authorization and information sharing delve into advanced topics such as multi tenancy and connection management build your own custom connectors with the mule devkit

Internet of Things and Connected Technologies 2022-01-19

this book presents recent advances on iot and connected technologies we are currently in the midst of the fourth industrial revolution and iot is having the most significant impact on our society the recent adoption of a variety of enabling wireless communication technologies like rfid tags ble zigbee etc embedded sensor and actuator nodes and various protocols like coap mqtt dns etc has made the internet of things iot step out of its infancy internet of things iot and connecting technologies are already having profound effects on the different parts of society like the government health care businesses and personal lives 6th international conference on internet of things and connected technologies iciotct 2021 was a platform to discuss and feature research on topics such as augmented reality sensor networks and wearable technology this book is ideally designed for marketing managers business professionals researchers academicians and graduate level students seeking to learn how iot and connecting technologies increase the amount of data gained through devices enhance customer experience and widen the scope of iot analytics in enhancing customer marketing outcomes

Green Connected Automated Transportation and Safety 2021-12-13

these proceedings gather selected papers from the 11th international conference on green intelligent transportation systems and safety held in beijing china on october 17 19 2020 the book features cutting edge studies on green intelligent mobility systems the guiding motto being to achieve green intelligent and safe transportation systems the contributions presented here can help promote the development of green mobility and intelligent transportation technologies to improve interconnectivity resource sharing flexibility and efficiency given its scope the book will benefit researchers and engineers in the fields of transportation technology and traffic engineering automotive and mechanical engineering industrial and system engineering and electrical engineering alike the readers will be able to find out the advances in green intelligent transportation system and safety

Maths Connect 2005

maths connect provides consolidation stretch and challenge for pupils of all abilities this pupil s text

in the red tier offers objectives from the medium term plans allowing more able mathematicians to build up to really challenging work

Reputation Strategy and Analytics in a Hyper-Connected World **2016-06-27**

reputation management techniques that work amidst the unceasing flow of information reputation strategy and analytics in a hyper connected world is a complete guide to corporate communications and reputation management covering a range of scenarios from ideal to catastrophic this book provides a clear blueprint for preparation execution and beyond the discussion focuses on data driven evidence based strategies for the modern digital economy providing actionable frameworks practical roadmaps and step by step blueprints for deploying advance analytics predictive modeling and big data techniques to successfully manage communications and reputation you ll learn how the right tools and people get the job done quickly effectively and cost effectively and how to identify and acquire the ones you need coverage includes the latest technology and cutting edge applications bringing you up to speed on what excellence in communications can realistically be we live in an age of interconnectedness and transparency and information travels at the speed of light to reach nearly every corner of the globe this book shows you the key strategies and operational tactics required to respond successfully to financially damaging assaults on your company s reputation execute world class corporate communications prepare for best and worst possible case scenarios manage organizational reputation in the digital economy pick the right team and the right tools to get the job done stories rumors lies there is no safe haven big data cloud and mobile technologies are fueling a perfect storm of immense proportions overwhelming the capabilities of organizations and individuals attempting to manage their brands and reputations when hit with damaging information or harmful stories reputation strategy and analytics in a hyper connected world shows you navigate the never ending information stream to keep your company out of the undertow

Vedic Machine 2015-07-12

vedic machine explores the vedanga unit of jyotisha upanga unit of ayurveda along with modern sensors devices and microcontrollers never in the archeological remains of an ancient civilization were any of

the ancient scriptures found through a tradition that allowed the texts and scripts to be conveyed down generations verbatim without distortion was an elaborate means of preservation the author has experimentally examined the effects of astrological quality of time on human health and plant response and the experimental code forms the core of this book

Database Management Systems 2014-05-12

database management systems understanding and applying database technology focuses on the processes methodologies techniques and approaches involved in database management systems dbmss the book first takes a look at ansi database standards and dbms applications and components discussion focus on application components and dbms components implementing the dynamic relationship application problems and benefits of dynamic relationship dbmss nature of a dynamic relationship application ansi ndl and dbms standards the manuscript then ponders on logical database interrogation and physical database topics include choosing the right interrogation language procedure oriented language system control capabilities dbmss and language orientation logical database components and data definition language the publication examines system control including system control components audit trails reorganization concurrent operations multiple database processing security and privacy system control static and dynamic differences and installation and maintenance the text is a valuable source of information for computer engineers and researchers interested in exploring the applications of database technology

Grid-Connected Solar Electric Systems 2012

first published in 2011 routledge is an imprint of taylor francis an informa company

Maths Connect 2004

transforming standards at ks3 links concepts and skills to build confidence and understanding provides key vocabulary to ensure students understand key terms features fully tiered motivating activities to get the best from each individual and has clearly defined learning objectives so students understand what they are trying to achieve

The MIDI Manual 2012-08-21

the midi manual is a complete reference on midi written by a well respected sound engineer and author this best selling guide provides a clear explanation of what midi is how to use electronic instruments and an explanation of sequencers and how to use them you will learn how to set up an efficient midi system and how to get the best out of your music the midi manual is packed full of useful tips and practical examples on sequencing and mixing techniques it also covers editors librarians working with a score midi in mass media and multimedia and synchronisation the midi spec is set out in detail along with the helpful guidelines on using the implementation chart illustrated throughout with helpful photos and screengrabs this is the most readable and clear book on midi available

Handbook of Research on Innovations in Technology and Marketing for the Connected Consumer 2019-11-15

connected customers using a wide range of devices such as smart phones tablets and laptops have ushered in a new era of consumerism now more than ever this change has prodded marketing departments to work with their various it departments and technologists to expand consumers access to content in order to remain competitive marketers must integrate marketing campaigns across these different devices and become proficient in using technology the handbook of research on innovations in technology and marketing for the connected consumer is a pivotal reference source that develops new insights into applications of technology in marketing and explores effective ways to reach consumers through a wide range of devices while highlighting topics such as cognitive computing artificial intelligence and virtual reality this publication explores practices of technology empowered digital marketing as well as the methods of applying practices to less developed countries this book is ideally designed for marketers managers advertisers branding teams application developers it specialists academicians researchers and students

Remote Sensing Image Fusion 2016-10-03

remote sensing image fusion a practical guide gives an introduction to remote sensing image fusion providing an overview on the sensors and applications it describes data selection application requirements and the choice of a suitable image fusion technique it comprises a diverse selection of successful image fusion cases that are relevant to other users and other areas of interest around the world the book helps newcomers to obtain a quick start into the practical value and benefits of multi sensor image fusion experts will find this book useful to obtain an overview on the state of the art and understand current constraints that need to be solved in future research efforts for industry professionals the book can be a great introduction and basis to understand multisensor remote sensing image exploitation and the development of commercialized image fusion software from a practical perspective the book concludes with a chapter on current trends and future developments in remote sensing image fusion along with the book rsif website provides additional up to date information in the field

Advances in Computational Intelligence 2013-06-20

this two volume set lncs 7902 and 7903 constitutes the refereed proceedings of the 12th international work conference on artificial neural networks iwann 2013 held in puerto de la cruz tenerife spain in june 2013 the 116 revised papers were carefully reviewed and selected from numerous submissions for presentation in two volumes the papers explore sections on mathematical and theoretical methods in computational intelligence neurocomputational formulations learning and adaptation emulation of cognitive functions bio inspired systems and neuro engineering advanced topics in computational intelligence and applications

Online and Distance Education for a Connected World 2023-03-27

learning at a distance and learning online are growing in scale and importance in higher education presenting opportunities for large scale inclusive flexible and engaging learning these modes of learning swept the world in response to the covid 19 pandemic the many challenges of providing effective

education online and remotely have been acknowledged particularly by those who rapidly jumped into online and distance education during the crisis this volume edited by the university of london s centre for online and distance education addresses the practice and theory of online and distance education building on knowledge and expertise developed in the university over some 150 years the university is currently providing distance transnational education to around 50 000 students in more than 180 countries around the world throughout the book contributors explore important principles and highlight successful practices in areas including course design and pedagogy online assessment open education inclusive practice and enabling student voice case studies illustrate prominent issues and approaches together the chapters offer current and future leaders and practitioners a practical productive practice and theory informed account of the present and likely future state of online and distance higher education worldwide

Autonomous and Connected Vehicles 2022-03-15

autonomous and connected vehicles discover the latest developments in autonomous vehicles and what the future holds for this exciting technology in autonomous and connected vehicles networking experts dominique paret and hassina rebaine deliver a robust exploration of the major technological changes taking place in the field and describe the different levels of autonomy possible with current technologies and the legal and regulatory contexts in which new autonomous vehicles will circulate the book also includes discussions of the sensors including infrared ultrasound cameras lidar and radar used by modern autonomous vehicles readers will enjoy the intuitive descriptions of advanced driver assistance systems adas network architectures can fd flexray and backbone ethernet and software that power current and future autonomous vehicles the authors also discuss how adas can be fused with data flowing over newer and faster network architectures and artificial intelligence to create greater levels of autonomy the book also includes a thorough introduction to the buzz and hype surrounding autonomous and connected vehicles including a brief history of the autonomous vehicle comprehensive explorations of common issues affecting autonomous and connected vehicles including regulatory guidelines legislation relevant norms and standards and insurance issues practical discussions of autonomous vehicle sensors from das to adas and hadas and va l3 to l5 in depth examinations of networks and architecture including discussions of data fusion artificial intelligence and hardware architecture in vehicles perfect for graduate and undergraduate students in programs dealing with the intersection of wireless communication

technologies and vehicles autonomous and connected vehicles is also a must read reference for industry professionals and researchers seeking a one stop reference for the latest developments in vehicle communications technology

Connect and Secure Your iPhone and iPad 2019-09-20

connect and secure your iphone and ipad for ios 13 and ipados 13 covers a huge range of common setup and routine usage issues with illustrated step by step instructions for carrying out these tasks the book offers insight into what information you may unintentionally expose about yourself and how apple prevents third parties from gaining access to your details it also walks you through security scenarios from securing your data in transit to connecting to a secure wi fi network to recovering or erasing a lost phone learn about using the new find me feature set up a vpn install anti tracking safari extensions and more covers wi fi bluetooth airdrop airplay content blocking safari extensions find my personal hotspot and two factor authentication with apple id

Connected Vehicles in the Internet of Things 2020-01-13

this book presents an overview of the latest smart transportation systems iov connectivity frameworks issues of security and safety in vanets future developments in the iov technical solutions to address key challenges and other related topics a connected vehicle is a vehicle equipped with internet access and wireless lan which allows the sharing of data through various devices inside as well as outside the vehicle the ad hoc network of such vehicles often referred to as vanet or the internet of vehicles iov is an application of iot technology and may be regarded as an integration of three types of networks inter vehicle intra vehicle and vehicular mobile networks vanet involves several varieties of vehicle connectivity mechanisms including vehicle to infrastructure v2i vehicle to vehicle v2v vehicle to cloud v2c and vehicle to everything v2x according to one survey it is expected that there will be approximately 380 million connected cars on the roads by 2020 iov is an important aspect of the new vision for smart transportation the book is divided into three parts examining the evolution of iov basic concepts principles technologies and architectures connectivity of vehicles in the iot protocols frameworks and methodologies connected vehicle environments and advanced topics in vanets security and safety issues autonomous operations machine learning sensor technology and ai by providing scientific

contributions and workable suggestions from researchers and practitioners in the areas of iot iov and security this valuable reference aims to extend the body of existing knowledge

Getting Started with IBM API Connect: Concepts and Architecture Guide 2016-09-08

application programming interfaces api act as the digital glue that links services applications and systems together to create compelling customer experiences using apis you can create interfaces between back end systems and applications that can help you bring new digital services to market open revenue channels and exceed customer expectations ibm api connect is an api management solution from ibm that offers capabilities to create run manage and secure apis and microservices thus managing the full lifecycle of apis for both on premises and cloud environments this ibm redpapertm publication gives a broad overview of apis and api connect and covers key considerations for managing the lifecycle of apis this paper is targeted for owners of an api connect based api such as c level executives members of the business development teams product managers and technical evangelists for practical scenarios using api connect refer to the companion ibm redbooks publication getting started with ibm api connect scenarios guide redp 5350

Connected Planning 2021-04-06

ron dimon s thought leading second edition of the book originally entitled enterprise performance management done right published in 2012 is a practical roadmap for using connected planning to develop an agile organization and to navigate the complex enterprise performance management landscape according to esteemed author researcher and management professor dr christopher neck in the same way that one needs to be self leading to finish a grueling marathon an organization must be self leading in order to execute on its plans in an efficient and effective manner what drives self leadership at all levels in an organization the people within the organization of course and those people must be involved in the planning occurring in an organization without a plan an organization has no direction since 2012 much has changed in the world of connecting strategy with improved performance new cloud based in memory technologies have been adopted by the largest organizations in the world this book is for cfos cios

their direct reports and any organizational visionary or aspiring leader who wants to bring it all together and create an actionable vision and plan for improving readiness resilience and performance

ITS Sensors and Architectures for Traffic Management and Connected Vehicles 2017-08-07

an intelligent transportation system its offers considerable opportunities for increasing the safety efficiency and predictability of traffic flow and reducing vehicle emissions sensors or detectors enable the effective gathering of arterial and controlled access highway information in support of automatic incident detection active transportation and demand management traffic adaptive signal control and ramp and freeway metering and dispatching of emergency response providers as traffic flow sensors are integrated with big data sources such as connected and cooperative vehicles and cell phones and other bluetooth enabled devices more accurate and timely traffic flow information can be obtained the book examines the roles of traffic management centers that serve cities counties and other regions and the collocation issues that ensue when multiple agencies share the same space it describes sensor applications and data requirements for several its strategies sensor technologies sensor installation initialization and field testing procedures and alternate sources of traffic flow data the book addresses concerns related to the introduction of automated and connected vehicles and the benefits that systems engineering and national its architectures in the us europe japan and elsewhere bring to its sensor and data fusion benefits to traffic management are described while the bayesian and dempster shafer approaches to data fusion are discussed in more detail its sensors and architectures for traffic management and connected vehicles suits the needs of personnel in transportation institutes and highway agencies and students in undergraduate or graduate transportation engineering courses

- [ionic covalent bonding test study guide answers \(PDF\)](#)
- [by e finnemore fluid mechanics with engineering applications 10th tenth edition \(PDF\)](#)
- [1983 more suzuki motorcycle dr125 service manual binder Full PDF](#)
- [2012 toyota altis corolla repair manual 99484 .pdf](#)
- [textbook of environmental biotechnology p k mohapatra \(PDF\)](#)
- [quantitative approaches in business studies by clare morris \(2023\)](#)
- [social media a critical introduction \(Download Only\)](#)
- [manual sony nex 3 Full PDF](#)
- [microbiology tortora lab manual microscopy Full PDF](#)
- [itbs vocabulary words for 8 th grade .pdf](#)
- [strategies and tactics of human behavioral research 1st edition duro hard \(Download Only\)](#)
- [fips user guide openssl \(2023\)](#)
- [mercury optimax 200 parts manual Full PDF](#)
- [ih 806 service manual .pdf](#)
- [dacor computer manual \(Download Only\)](#)
- [truth and efficiency in civil litigation fundamental aspects of fact finding and evidence taking in a comparative Full PDF](#)
- [biology matters workbook answer key \(2023\)](#)
- [physical therapy of the knee 2e clinics in physical therapy \(Download Only\)](#)
- [yamaha motorcycle service manuals ag 100 Full PDF](#)
- [service manual mitsubishi lancer ex \(Read Only\)](#)
- [hayman levit and delgados jurisprudence classical and contemporary from natural law to postmodernism 2d Full PDF](#)
- [pelton crane autoclave instruction manual \(PDF\)](#)
- [motor parts time guide motor parts and labor guide \(Read Only\)](#)
- [book english for tourism and hospitality teacher book hans \(2023\)](#)
- [housing by lifestyle the component method of residential design \(Download Only\)](#)
- [nyimbo za kristo .pdf](#)
- [gilson repair manual \(2023\)](#)