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Mastering Ethereum Blockchain Technology: Applications and Challenges Experimental Design Research Constructing Papuan Nationalism Democratic Ideals and Reality Strategic Management Accounting Introduction to Differential Topology Embedded Ethernet and Internet Complete Functional Analysis Linux Device Drivers Computer Networks Introduction to Epigenetics Computer Networks The Shape of Space Introduction to Differential Geometry The Network Reshapes the Library Physicochemical Treatment Processes Financial Cryptography and Data Security Children and Violence Handbook of Graphical Models Big Science Transformed The Future of Finance Catching the Process Fieldbus The Linux Command Line, 2nd Edition NICOMACHEAN ETHICS Data-Intensive Text Processing with MapReduce The Better World Handbook Kali Linux Web Penetration Testing Cookbook The New Economics of Sustainable Consumption Automotive Ethernet Measure theory and Integration Waves, Sand & Magic Ethnographic Methods An Introduction to Differential Geometry Green Cities of Europe Fundamentals of Wireless Communication 1000 Things Worth Knowing Free Culture Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers Reservoir Model Design

Mastering Ethereum 2018-11-13

ethereum represents the gateway to a worldwide decentralized computing paradigm this platform enables you to run decentralized applications dapps and smart contracts that have no central points of failure or control integrate with a payment network and operate on an open blockchain with this practical guide andreas m antonopoulos and gavin wood provide everything you need to know about building smart contracts and dapps on ethereum and other virtual machine blockchains discover why ibm microsoft nasdaq and hundreds of other organizations are experimenting with ethereum this essential guide shows you how to develop the skills necessary to be an innovator in this growing and exciting new industry run an ethereum client create and transmit basic transactions and program smart contracts learn the essentials of public key cryptography hashes and digital signatures understand how wallets hold digital keys that control funds and smart contracts interact with ethereum clients programmatically using javascript libraries and remote procedure call interfaces learn security best practices design patterns and anti patterns with real world examples create tokens that represent assets shares votes or access control rights build decentralized applications using multiple peer to peer p2p components

Blockchain Technology: Applications and Challenges 2021-04-30

this book discusses the various open issues of blockchain technology such as the efficiency of blockchain in different domains of digital cryptocurrency smart contracts smart education system smart cities cloud identity and access safequard to cybersecurity and health care for the first time in human history people across the world can trust each other and transact over a large peer to peer networks without any central authority this proves that trust can be built not only by centralized institution but also by protocols and cryptographic mechanisms the potential and collaboration between organizations and individuals within peer networks make it possible to potentially move to a global collaborative network without centralization blockchain is a complex social economic and technological phenomenon this guestions what the established terminologies of the modern world like currency trust economics and exchange would mean to make any sense one needs to realize how much insightful and potential it is in the context and the way it is technically developed due to rapid changes in accessing the documents through online transactions and transferring the currency online many previously used methods are proving insufficient and not secure to solve the problem which arises in the safe and hassle free transaction nowadays the world changes rapidly and a transition flow is also seen in business process management bpm the traditional business process management holds good establishment last one to two decades but the internal workflow confined in a single organization they do not manage the workflow process and information across organizations if they do so again fall in the same trap as the control transfers to the third party that is centralized server and it leads to tampering the data and single point of failure to address these issues this book highlights a number of unique problems and effective solutions that reflects the state of the art in blockchain technology this book explores new experiments and yields promising solutions to the current challenges of blockchain technology this book is intended for the researchers academicians faculties scientists blockchain specialists business management and software industry professionals who will find it beneficial for their research work and set new ideas in the field of blockchain this book caters research work in many fields of blockchain engineering and it provides an in depth knowledge of the fields covered

Experimental Design Research 2016-05-17

this book presents a new multidisciplinary perspective on and paradigm for integrative experimental design research it addresses various perspectives on methods analysis and overall research approach and how they can be synthesized to advance

understanding of design it explores the foundations of experimental approaches and their utility in this domain and brings together analytical approaches to promote an integrated understanding the book also investigates where these approaches lead to and how they link design research more fully with other disciplines e g psychology cognition sociology computer science management above all the book emphasizes the integrative nature of design research in terms of the methods theories and units of study from the individual to the organizational level although this approach offers many advantages it has inherently led to a situation in current research practice where methods are diverging and integration between individual team and organizational understanding is becoming increasingly tenuous calling for a multidisciplinary and transdiscipinary perspective experimental design research thus offers a powerful tool and platform for resolving these challenges providing an invaluable resource for the design research community this book paves the way for the next generation of researchers in the field by bridging methods and methodology as such it will especially benefit postgraduate students and researchers in design research as well as engineering designers

Constructing Papuan Nationalism 2005

papuan nationalism is young evolving and flexible it has adapted to and reflected the political circumstances in which it has emerged its evolution as a political force is one of the crucial factors in any analysis of political and cultural change in papua and the development of relations between the indonesian government and papuan society this study examines the development of papuan nationalism from the pacific war through the movement s revival after the fall of president suharto in 1998 the author argues that the first step in understanding papuan nationalism is understanding papuan history and historical consciousness the history that so preoccupies papuan nationalists is the history of the decolonization of the netherlands indies the struggle between indonesia and the netherlands over the sovereignty of papua and papua s subsequent integration into indonesia papuan nationalism is also about ethnicity many papuan nationalists make strong distinctions between papuans and other peoples especially indonesians however papuan society itself is a mosaic of over three hundred small local and often isolated ethno linguistic groups yet over the years a pan papuan identity has been forged from this mosaic of tribal groups this study explores the nationalists argument about history and the sources of their sense of common ethnicity it also explores the possibility that the special autonomy law of 2001 if implemented fully might provide a framework in which papuan national aspirations might be realized this is the fourteenth publication in policy studies a peer reviewed east west center washington series that presents scholarly analysis of key contemporary domestic and international political economic and strategic issues affecting asia in a policy relevant manner

Democratic Ideals and Reality 1962

this book serves as a guide to strategic management accounting it introduces new and useful concepts on how to collect analyse and evaluate options to enable managers to steer corporate directions and write strategic plans for the long term success of the corporation starting with basic techniques and the latest strategic management approaches the book then presents cases that show the techniques employed step by step by demonstrating how easily the ideas can be translated into action it is a valuable resource for business practitioners as well as for students taking advanced management accounting courses

Strategic Management Accounting 2017-10-12

this book is intended as an elementary introduction to differential manifolds the authors concentrate on the intuitive geometric aspects and explain not only the basic properties but also teach how to do the basic geometrical constructions an

integral part of the work are the many diagrams which illustrate the proofs the text is liberally supplied with exercises and will be welcomed by students with some basic knowledge of analysis and topology

Introduction to Differential Topology 1982-09-16

create tiny web servers and use tcp ip to communicate over local networks and the internet

Embedded Ethernet and Internet Complete 2003

it begins in chapter 1 with an introduction to the necessary foundations including the arzelà ascoli theorem elementary hilbert space theory and the baire category theorem chapter 2 develops the three fundamental principles of functional analysis uniform boundedness open mapping theorem hahn banach theorem and discusses reflexive spaces and the james space chapter 3 introduces the weak and weak topologies and includes the theorems of banach alaoglu banach dieudonné eberlein Šmulyan kre ibreve n milman as well as an introduction to topological vector spaces and applications to ergodic theory chapter 4 is devoted to fredholm theory it includes an introduction to the dual operator and to compact operators and it establishes the closed image theorem chapter 5 deals with the spectral theory of bounded linear operators it introduces complex banach and hilbert spaces the continuous functional calculus for self adjoint and normal operators the gelfand spectrum spectral measures cyclic vectors and the spectral theorem chapter 6 introduces unbounded operators and their duals it establishes the closed image theorem in this setting and extends the functional calculus and spectral measure to unbounded self adjoint operators on hilbert spaces chapter 7 gives an introduction to strongly continuous semigroups and their infinitesimal generators it includes foundational results about the dual semigroup and analytic semigroups an exposition of measurable functions with values in a banach space and a discussion of solutions to the inhomogeneous equation and their regularity properties the appendix establishes the equivalence of the lemma of zorn and the axiom of choice and it contains a proof of tychonoff s theorem with 10 to 20 elaborate exercises at the end of each chapter this book can be used as a text for a one or two semester course on functional analysis for beginning graduate students prerequisites are first year analysis and linear algebra as well as some foundational material from the second year courses on point set topology complex analysis in one variable and measure and integration

Functional Analysis 2018-08-08

provides information on writing a driver in linux covering such topics as character devices network interfaces driver debugging concurrency and interrupts

Linux Device Drivers 2005-02-07

this open access textbook leads the reader from basic concepts of chromatin structure and function and rna mechanisms to the understanding of epigenetics imprinting regeneration and reprogramming the textbook treats epigenetic phenomena in animals as well as plants written by four internationally known experts and senior lecturers in this field it provides a valuable tool for master and phd students who need to comprehend the principles of epigenetics or wish to gain a deeper knowledge in this field after reading this book the student will have an understanding of the basic toolbox of epigenetic regulation know how genetic and epigenetic information layers are interconnected be able to explain complex epigenetic phenomena by understanding the structures and principles of the underlying molecular mechanisms understand how misregulated epigenetic mechanisms can

Computer Networks 2019-02

appropriate for computer networking or introduction to networking courses at both the undergraduate and graduate level in computer science electrical engineering cis mis and business departments tanenbaum takes a structured approach to explaining how networks work from the inside out he starts with an explanation of the physical layer of networking computer hardware and transmission systems then works his way up to network applications tanenbaum s in depth application coverage includes email the domain name system the world wide both client and server side and multimedia including voice over ip internet radio video on demand video conferencing and streaming media

Introduction to Epigenetics 2021-03-23

maintaining the standard of excellence set by the previous edition this textbook covers the basic geometry of two and three dimensional spaces written by a master expositor leading researcher in the field and macarthur fellow it includes experiments to determine the true shape of the universe and contains illustrated examples and engaging exercises that teach mind expanding ideas in an intuitive and informal way bridging the gap from geometry to the latest work in observational cosmology the book illustrates the connection between geometry and the behavior of the physical universe and explains how radiation remaining from the big bang may reveal the actual shape of the universe

Computer Networks 2013-07-23

this textbook is suitable for a one semester lecture course on differential geometry for students of mathematics or stem disciplines with a working knowledge of analysis linear algebra complex analysis and point set topology the book treats the subject both from an extrinsic and an intrinsic view point the first chapters give a historical overview of the field and contain an introduction to basic concepts such as manifolds and smooth maps vector fields and flows and lie groups leading up to the theorem of frobenius subsequent chapters deal with the levi civita connection geodesics the riemann curvature tensor a proof of the cartan ambrose hicks theorem as well as applications to flat spaces symmetric spaces and constant curvature manifolds also included are sections about manifolds with nonpositive sectional curvature the ricci tensor the scalar curvature and the weyl tensor an additional chapter goes beyond the scope of a one semester lecture course and deals with subjects such as conjugate points and the morse index the injectivity radius the group of isometries and the myers steenrod theorem and donaldson s differential geometric approach to lie algebra theory

The Shape of Space 2001-12-12

since he began posting in 2003 dempsey has used his blog to explore nearly every important facet of library technology from the emergence of 2 0 as a concept to open source ils tools and the push to web scale library management systems more than just a commentary on the issue of the moment the more than 1 800 posts have offered thousands of readers valuable perspective and insight as well as a visionary approach to libraries future in a compendium that library planners administrators and technology staff will find endlessly stimulating varnum offers an expertly curated selection of entries from dempsey s blog showing where libraries have been in the last decade and also where they re heading now this book covers such keystone topics as networked resourcesnetwork organization the research process and libraries evolving role featuring the seminal post in the

flow resource discoverylibrary systems and tools such as search indices and openurl link resolversdata and metadatapublishing and communication including blogs social media and scholarly communicationlibraries archives museums and galleries as memory institutions the book concludes with a selection of favorites hand picked by dempsey himself as one university librarian put it dempsey s dual ability to explore an issue and to reveal the higher order trends is spot on for understanding our volatile environment that unique and thoughtful analysis is on full display in this book

Introduction to Differential Geometry 2022-01-13

the past 30 years have seen the emergence of a growing desire worldwide to take positive actions to restore and protect the environment from the degrading effects of all forms of pollution air noise solid waste and water because pollution is a direct or indirect consequence of waste the seemingly idealistic demand for zero discharge can be construed as an unrealistic demand for zero waste however as long as waste exists we can only attempt to abate the subsequent pollution by converting it to a less noxious form three major questions usually arise when a particular type of pollution has been identified 1 how serious is the pollution 2 is the technology to abate it available and 3 do the costs of abatement justify the degree of abatement achieved the principal intention of the handbook of environmental engineering series is to help readers formulate answers to the last two questions the traditional approach of applying tried and true solutions to specific pollution pr lems has been a major contributing factor to the success of environmental engineering and has accounted in large measure for the establishment of a methodology of pollution c trol however realization of the ever increasing complexity and interrelated nature of current environmental problems makes it imperative that intelligent planning of pollution abatement systems be undertaken

The Network Reshapes the Library 2014

this book constitutes the thoroughly refereed post conference proceedings of the 23rd international conference on financial cryptography and data security fc 2019 held in st kitts st kitts and nevis in february 2019 the 32 revised full papers and 7 short papers were carefully selected and reviewed from 179 submissions the papers are grouped in the following topical sections cryptocurrency cryptanalysis measurement payment protocol security multiparty protocols off chain mechanisms fraud detection game theory iot security and much more

Physicochemical Treatment Processes 2005-03-11

this book provides a disturbing account of the reality of child abuse based on data from 152 countries einar helander considers the physical societal economic and judicial consequences of child abuse proposing a universal community based prevention programme

Financial Cryptography and Data Security 2019-10-11

a graphical model is a statistical model that is represented by a graph the factorization properties underlying graphical models facilitate tractable computation with multivariate distributions making the models a valuable tool with a plethora of applications furthermore directed graphical models allow intuitive causal interpretations and have become a cornerstone for causal inference while there exist a number of excellent books on graphical models the field has grown so much that individual authors can hardly cover its entire scope moreover the field is interdisciplinary by nature through chapters by leading researchers from different areas this handbook provides a broad and accessible overview of the state of the art key features

contributions by leading researchers from a range of disciplines structured in five parts covering foundations computational aspects statistical inference causal inference and applications balanced coverage of concepts theory methods examples and applications chapters can be read mostly independently while cross references highlight connections the handbook is targeted at a wide audience including graduate students applied researchers and experts in graphical models

Children and Violence 2008-09-02

this book analyses the emergence of a transformed big science in europe and the united states using both historical and sociological perspectives it shows how technology intensive natural sciences grew to a prominent position in western societies during the post world war ii era and how their development cohered with both technological and social developments at the helm of post war science are large scale projects primarily in physics which receive substantial funds from the public purse big science transformed shows how these projects popularly called big science have become symbols of progress it analyses changes to the political and sociological frameworks surrounding publicly funding science and their impact on a number of new accelerator and reactor based facilities that have come to prominence in materials science and the life sciences interdisciplinary in scope this book will be of great interest to historians sociologists and philosophers of science

Handbook of Graphical Models 2018-11-12

this book written jointly by an engineer and artificial intelligence expert along with a lawyer and banker is a glimpse on what the future of the financial services will look like and the impact it will have on society the first half of the book provides a detailed yet easy to understand educational and technical overview of fintech artificial intelligence and cryptocurrencies including the existing industry pain points and the new technological enablers the second half provides a practical concise and engaging overview of their latest trends and their impact on the future of the financial services industry including numerous use cases and practical examples the book is a must read for any professional currently working in finance any student studying the topic or anyone curious on how the future of finance will look like

Big Science Transformed 2016-10-15

a field bus is a two way link between a programmable controller or operations monitor and an industrial device like a sensor an electric motor or a switch it is a critical part of any automated industrial process whether for factory automation discrete processes like an assembly line or process automation continuous flow of materials being mixed treated or processed profibus is a widely established program that allows for communication among and between controllers fieldbuses and actuator devices this very concise introduction for industrial engineers controls engineers and manufacturing technicians covers the basics of field bus architecture and communication and the fundamentals of the profibus language protocol

The Future of Finance 2019-07-15

you ve experienced the shiny point and click surface of your linux computer now dive below and explore its depths with the power of the command line the linux command line takes you from your very first terminal keystrokes to writing full programs in bash the most popular linux shell or command line along the way you ll learn the timeless skills handed down by generations of experienced mouse shunning gurus file navigation environment configuration command chaining pattern matching with regular expressions and more in addition to that practical knowledge author william shotts reveals the philosophy behind these tools

and the rich heritage that your desktop linux machine has inherited from unix supercomputers of yore as you make your way through the book s short easily digestible chapters you ll learn how to create and delete files directories and symlinks administer your system including networking package installation and process management use standard input and output redirection and pipelines edit files with vi the world s most popular text editor write shell scripts to automate common or boring tasks slice and dice text files with cut paste grep patch and sed once you overcome your initial shell shock you ll find that the command line is a natural and expressive way to communicate with your computer just don t be surprised if your mouse starts to gather dust

Catching the Process Fieldbus 2012

every art and every inquiry and similarly every action and pursuit is thought to aim at some good and for this reason the good has rightly been declared to be that at which all things aim but a certain difference is found among ends some are activities others are products apart from the activities that produce them where there are ends apart from the actions it is the nature of the products to be better than the activities now as there are many actions arts and sciences their ends also are many the end of the medical art is health that of shipbuilding a vessel that of strategy victory that of economics wealth but where such arts fall under a single capacity as bridle making and the other arts concerned with the equipment of horses fall under the art of riding and this and every military action under strategy in the same way other arts fall under yet others in all of these the ends of the master arts are to be preferred to all the subordinate ends for it is for the sake of the former that the latter are pursued it makes no difference whether the activities themselves are the ends of the actions or something else apart from the activities as in the case of the sciences just mentioned

The Linux Command Line, 2nd Edition 2019-03-05

our world is being revolutionized by data driven methods access to large amounts of data has generated new insights and opened exciting new opportunities in commerce science and computing applications processing the enormous quantities of data necessary for these advances requires large clusters making distributed computing paradigms more crucial than ever mapreduce is a programming model for expressing distributed computations on massive datasets and an execution framework for large scale data processing on clusters of commodity servers the programming model provides an easy to understand abstraction for designing scalable algorithms while the execution framework transparently handles many system level details ranging from scheduling to synchronization to fault tolerance this book focuses on mapreduce algorithm design with an emphasis on text processing algorithms common in natural language processing information retrieval and machine learning we introduce the notion of mapreduce design patterns which represent general reusable solutions to commonly occurring problems across a variety of problem domains this book not only intends to help the reader think in mapreduce but also discusses limitations of the programming model as well table of contents introduction mapreduce basics mapreduce algorithm design inverted indexing for text retrieval graph algorithms em algorithms for text processing closing remarks

NICOMACHEAN ETHICS 2017-04-20

the definitive guide for people wanting to make a positive difference in the world

Data-Intensive Text Processing with MapReduce 2022-05-31

over 80 recipes on how to identify exploit and test web application security with kali linux 2 about this book familiarize yourself with the most common web vulnerabilities a web application faces and understand how attackers take advantage of them set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits learn how to prevent vulnerabilities in web applications before an attacker can make the most of it who this book is for this book is for it professionals web developers security enthusiasts and security professionals who want an accessible reference on how to find exploit and prevent security vulnerabilities in web applications you should know the basics of operating a linux environment and have some exposure to security technologies and tools what you will learn set up a penetration testing laboratory in a secure way find out what information is useful to gather when performing penetration tests and where to look for it use crawlers and spiders to investigate an entire website in minutes discover security vulnerabilities in web applications in the web browser and using command line tools improve your testing efficiency with the use of automated vulnerability scanners exploit vulnerabilities that require a complex setup run custom made exploits and prepare for extraordinary scenarios set up man in the middle attacks and use them to identify and exploit security flaws within the communication between users and the web server create a malicious site that will find and exploit vulnerabilities in the user s web browser repair the most common web vulnerabilities and understand how to prevent them becoming a threat to a site s security in detail applications are a huge point of attack for malicious hackers and a critical area for security professionals and penetration testers to lock down and secure kali linux is a linux based penetration testing platform and operating system that provides a huge array of testing tools many of which can be used specifically to execute web penetration testing this book will teach you in the form step by step recipes how to detect a wide array of vulnerabilities exploit them to analyze their consequences and ultimately buffer attackable surfaces so applications are more secure for you and your users starting from the setup of a testing laboratory this book will give you the skills you need to cover every stage of a penetration test from gathering information about the system and the application to identifying vulnerabilities through manual testing and the use of vulnerability scanners to both basic and advanced exploitation techniques that may lead to a full system compromise finally we will put this into the context of owasp and the top 10 web application vulnerabilities you are most likely to encounter equipping you with the ability to combat them effectively by the end of the book you will have the required skills to identify exploit and prevent web application vulnerabilities style and approach taking a recipe based approach to web security this book has been designed to cover each stage of a penetration test with descriptions on how tools work and why certain programming or configuration practices can become security vulnerabilities that may put a whole system or network at risk each topic is presented as a sequence of tasks and contains a proper explanation of why each task is performed and what it accomplishes

The Better World Handbook 2007-02-01

this book offers a fresh look at sustainable consumption exploring how grassroots community action can spread ideas in society it presents a new economics approach based on alternative measures of wealth and value examining how these are put into practice through local organic food systems low impact eco housing and complementary currencies

Kali Linux Web Penetration Testing Cookbook 2016-02-29

learn how automotive ethernet is revolutionizing in car networking from the experts at the core of its development providing an in depth account of automotive ethernet from its background and development to its future prospects this book is ideal for industry professionals and academics alike

The New Economics of Sustainable Consumption 2008-12-11

this text approaches integration via measure theory as opposed to measure theory via integration an approach which makes it easier to grasp the subject apart from its central importance to pure mathematics the material is also relevant to applied mathematics and probability with proof of the mathematics set out clearly and in considerable detail numerous worked examples necessary for teaching and learning at undergraduate level constitute a strong feature of the book and after studying statements of results of the theorems students should be able to attempt the 300 problem exercises which test comprehension and for which detailed solutions are provided approaches integration via measure theory as opposed to measure theory via integration making it easier to understand the subject includes numerous worked examples necessary for teaching and learning at undergraduate level detailed solutions are provided for the 300 problem exercises which test comprehension of the theorems provided

Automotive Ethernet 2015

why do you always write magic in the sand of every beach you go to he asked as he watched her finger move through the sand in a rhythm writing the word she smiled and said because there is magic in the sand what do you mean he further asked when you feel the sand under your feet she scrunched up her toes in the sand as she spoke and feel every granule of it the noise of your thoughts suddenly sound like the waves just like magic me

Measure theory and Integration 2003-07-01

this best selling book designed for researchers embarking on their first ethnographic project has been substantially revised and updated with lots of exercises and advice to guide the embodied and creative practice of ethnography new additions include cyber ethnography sensual visual and mobile ethnographies and field walking

Waves, Sand & Magic 2020-08-02

this text employs vector methods to explore the classical theory of curves and surfaces topics include basic theory of tensor algebra tensor calculus calculus of differential forms and elements of riemannian geometry 1959 edition

Ethnographic Methods 2012-03-12

in the absence of federal leadership states and localities are stepping forward to address critical problems like climate change urban sprawl and polluted water and air making a city fundamentally sustainable is a daunting task but fortunately there are dynamic innovative models outside us borders green cities of europe draws on the world subset examples of sustainability to show how other cities can become greener and more livable timothy beatley has brought together leading experts from paris freiburg copenhagen helsinki heidelberg venice vitoria gasteiz and london to illustrate groundbreaking practices in sustainable urban planning and design these cities are developing strong urban cores building pedestrian and bicycle infrastructure and improving public transit they are incorporating ecological design and planning concepts from solar energy to natural drainage and community gardens and they are changing the way government works instituting municipal green audits and reforming economic incentives to encourage sustainability whatever their specific tactics these communities prove

that a holistic approach is needed to solve environmental problems and make cities sustainable beatley and these esteemed contributors offer vital lessons to the domestic planning community about not only what european cities are doing to achieve that vision but precisely how they are doing it the result is an indispensable guide to greening american cities contributors include lucie laurian paris dale medearis and wulf daseking freiburg michaela brüel copenhagen maria jaakkola helsinki marta moretti venice luis andrés orive and rebeca dios lema vitoria gasteiz camilla ween london

An Introduction to Differential Geometry 2013-05-13

this textbook takes a unified view of the fundamentals of wireless communication and explains cutting edge concepts in a simple and intuitive way an abundant supply of exercises make it ideal for graduate courses in electrical and computer engineering and it will also be of great interest to practising engineers

Green Cities of Europe 2012-05-15

unlock the doors to intriguing and lesser known facts with 1000 things worth knowing by nathaniel c fowler within the pages of this remarkable book fowler presents a diverse collection of over one thousand fascinating facts that are often overlooked by the average person fowler s language is refreshingly accessible avoiding technical jargon and ensuring that readers can easily grasp the subjects discussed this comprehensive volume combines the qualities of an almanac an encyclopedia and a dictionary offering a concise yet enriching exploration of knowledge that truly matters

Fundamentals of Wireless Communication 2005-05-26

how big media uses technology and the law to lock down culture and control creativity free culture is an entertaining and important look at the past and future of the cold war between the media industry and new technologies marc andreessen cofounder of netscape free culture goes beyond illuminating the catastrophe to our culture of increasing regulation to show examples of how we can make a different future these new style heroes and examples are rooted in the traditions of the founding fathers in ways that seem obvious after reading this book recommended reading to those trying to unravel the shrill hype around intellectual property brewster kahle founder of the internet archive the web site for the book is free culture co

1000 Things Worth Knowing 2019-11-20

surveys the theory and history of the alternating direction method of multipliers and discusses its applications to a wide variety of statistical and machine learning problems of recent interest including the lasso sparse logistic regression basis pursuit covariance selection support vector machines and many others

Free Culture 2015-11-13

this book gives practical advice and ready to use tips on the design and construction of subsurface reservoir models the design elements cover rock architecture petrophysical property modelling multi scale data integration upscaling and uncertainty analysis philip ringrose and mark bentley share their experience gained from over a hundred reservoir modelling studies in 25 countries covering clastic carbonate and fractured reservoir types the intimate relationship between geology and

fluid flow is explored throughout showing how the impact of fluid type production mechanism and the subtleties of single and multi phase flow combine to influence reservoir model design audience the main audience for this book is the community of applied geoscientists and engineers involved in the development and use of subsurface fluid resources the book is suitable for a range of master s level courses in reservoir characterisation modelling and engineering provides practical advice and guidelines for users of 3d reservoir modelling packages gives advice on reservoir model design for the growing world wide activity in subsurface reservoir modelling covers rock modelling property modelling upscaling and uncertainty handling encompasses clastic carbonate and fractured reservoirs

Distributed Optimization and Statistical Learning Via the Alternating Direction Method of Multipliers 2011

Reservoir Model Design 2014-10-03

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