

Messages From Mathias Pb 2001

Eventually, you will certainly discover a further experience and exploit by spending more cash. nevertheless when? do you believe that you require to get those all needs taking into consideration having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will guide you to understand even more with reference to the globe, experience, some places, afterward history, amusement, and a lot more?

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The Cambridge Handbook of Multimedia Learning Richard E. Mayer 2021-11-30
Digital and online learning is more prevalent than ever, making multimedia learning a primary objective for many instructors. The

Cambridge Handbook of Multimedia Learning examines cutting-edge research to guide creative teaching methods in online classrooms and training. Recognized as the field's major reference work, this research-based handbook helps define and shape

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this area of study. This third edition provides the latest progress report from the world's leading multimedia researchers, with forty-six chapters on how to help people learn from words and pictures, particularly in computer-based environments. The chapters demonstrate what works best and establishes optimized practices. It systematically examines well-researched principles of effective multimedia instruction and pinpoints exactly why certain practices succeed by isolating the boundary conditions. The volume is founded upon research findings in learning theory, giving it an informed perspective in explaining precisely how effective teaching practices achieve their goals or fail to engage.

Mummy Portraits of Roman Egypt Marie

Svoboda 2020-08-25 This publication presents fascinating new findings on ancient Romano-Egyptian funerary portraits preserved in international collections. Once interred with mummified remains, nearly a thousand funerary portraits from Roman Egypt survive today in museums around the world, bringing viewers face-to-face with people who lived two thousand years ago. Until recently, few of these paintings had undergone in-depth study to determine by whom they were made and how. An international collaboration known as APPEAR (Ancient Panel Paintings: Examination, Analysis, and Research) was launched in 2013 to promote the study of these objects and to gather scientific and historical findings into a shared database. The first phase of the project was marked with

a two-day conference at the Getty Villa. Conservators, scientists, and curators presented new research on topics such as provenance and collecting, comparisons of works across institutions, and scientific studies of pigments, binders, and supports. The papers and posters from the conference are collected in this publication, which offers the most up-to-date information available about these fascinating remnants of the ancient world.

From Media Hype to Twitter Storm

Peter Vasterman 2018-02-26 This anthology offers the first comprehensive overview of media hype, a phenomenon often dismissed as ephemeral and unimportant. Despite that reputation, media storms actually do play an important role in political issues, scandals, and

crises, sometimes creating an important shift in public opinion over the course of only a few hours. This book provides an overview of theoretical, conceptual, and methodological issues related to media hype through close explorations of case studies from around the world.

Insect Diapause David L. Denlinger 2022-02-03 Our highly seasonal world restricts insect activity to brief portions of the year. This feature necessitates a sophisticated interpretation of seasonal changes and enactment of mechanisms for bringing development to a halt and then reinitiating it when the inimical season is past. The dormant state of diapause serves to bridge the unfavourable seasons, and its timing provides a powerful mechanism

for synchronizing insect development. This book explores how seasonal signals are monitored and used by insects to enact specific molecular pathways that generate the diapause phenotype. The broad perspective offered here scales from the ecological to the molecular and thus provides a comprehensive view of this exciting and vibrant research field, offering insights on topics ranging from pest management, evolution, speciation, climate change and disease transmission, to human health, as well as analogies with other forms of invertebrate dormancy and mammalian hibernation.

Vocational Education Stephen Billett
2011-07-02 This book discusses what constitutes vocational education as well as its key purposes, objects, formation and practices. In short, it

seeks to outline and elaborate the nature of the project of vocational education. It addresses a significant gap in the available literature by providing a single text that elaborates the scope and diversity of the sector, its key objectives (i.e. vocations and occupations), its formation and development as an education sector, and the scope of its purposes and considerations in the curriculum. The volume achieves these objectives by discussing and defining the concept of vocational education as being that form of education that seeks to advise individuals about, prepare them for, and further develop their capacities to perform the kinds of occupations that societies require and individuals need to participate in—and through which they often come

to define themselves. In particular, it discusses the distinctions between occupations as a largely social fact and vocations as being a socially shaped outcome assented to by individuals. As people identify closely with the kinds of occupations they engage in, the standing of, and the effectiveness of vocational education is central to individuals' well-being, competence and progress. Ultimately, this book argues that the provision of vocational education needs to realise important personal and social goals.

Multimedia Learning Richard E. Mayer
2009-01-19 Although verbal learning offers a powerful tool, Mayer explores ways of going beyond the purely verbal. Recent advances in graphics technology and information technology have prompted new efforts

to understand the potential of multimedia learning as a means of promoting human understanding. In this second edition, Mayer includes double the number of experimental comparisons, 6 new principles - signalling, segmenting, pertaining, personalization, voice and image principles. The 12 principles of multimedia instructional design have been reorganized into three sections - reducing extraneous processing, managing essential processing and fostering generative processing. Finally an indication of the maturity of the field is that the second edition highlights boundary conditions for each principle research-based constraints on when a principle is likely or not likely to apply. The boundary conditions are interpreted in terms of the cognitive

theory of multimedia learning, and help to enrich theories of multimedia learning.

Lehninger Principles of Biochemistry

Nelson David L. 2005 CD-ROM includes animations, living graphs, biochemistry in 3D structure tutorials.

Towards a sustainable, participatory and inclusive wild meat sector Coad, L. 2019-01-30 The meat of wild species, referred to in this report as 'wild meat', is an essential source of protein and a generator of income for millions of forest-living communities in tropical and subtropical regions. However, unsustainable harvest rates currently

Lehninger Principles of Biochemistry

David L. Nelson 2008-02 Authors Dave Nelson and Mike Cox combine the best of the laboratory and best of the

classroom, introducing exciting new developments while communicating basic principles of biochemistry. Disaster Mental Health Services 1999 Macroeconomic Stability and Financial Regulation Mathias Dewatripont 2011 The G20 meeting in London in spring 2009 was a historical moment of global cooperation to deal with the global financial crisis. This book collects essays from leading economists, first presented as an eBook in January 2009, advocating many of the policies that were eventually agreed on, including the headline-grabbing global fiscal stimulus. But it goes further, calling for: Reforms to address global imbalances by a) creating insurance mechanisms for countries that forgo reserve accumulation and stimulate domestic expansion; and b)

accelerating the development of financial systems in emerging markets. Macroeconomic policy to meet any threat of deflation promptly, with a zero interest rate policy and quantitative easing, and an inflation target to avoid expectations of deflation. Adjustment of the Basel II capital requirements to mitigate procyclicality. Creation of a centralised clearing counterparty for credit default swap trades. Severing the link between credit rating agencies and issuers and monitoring the former's power. Establishment of a harmonised bankruptcy regime for banks that gives regulators strong powers over bank managers and shareholders before the bank is technically insolvent, especially in the case of cross-border banks. Creation of an International

Financial Stability Fund that takes equity positions in the financial institutions of participating countries and monitors their activities. Many of these suggestions are still being debated today.

Epistemologies of the South

Boaventura de Sousa Santos 2015-11-17

This book explores the concept of 'cognitive injustice': the failure to recognise the different ways of knowing by which people across the globe run their lives and provide meaning to their existence.

Boaventura de Sousa Santos shows why global social justice is not possible without global cognitive justice. Santos argues that Western domination has profoundly marginalised knowledge and wisdom that had been in existence in the global South. She contends that today it is imperative to

recover and valorize the epistemological diversity of the world. Epistemologies of the South outlines a new kind of bottom-up cosmopolitanism, in which conviviality, solidarity and life triumph against the logic of market-ridden greed and individualism.

bookdown Yihui Xie 2016-12-12
bookdown: Authoring Books and Technical Documents with R Markdown presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references.

Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan,

JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

Business Process Management Mathias Weske 2019-06-22 Business process management is usually treated from two different perspectives: business administration and computer science. While business administration professionals tend to consider information technology as a subordinate aspect in business process management for experts to handle, by contrast computer science professionals often consider business goals and organizational regulations as terms that do not deserve much thought but require the appropriate

level of abstraction. Matthias Weske argues that all communities involved need to have a common understanding of the different aspects of business process management. To this end, he details the complete business process lifecycle from the modeling phase to process enactment and improvement, taking into account all different stakeholders involved. After starting with a presentation of general foundations and abstraction models, he explains concepts like process orchestrations and choreographies, as well as process properties and data dependencies. Finally, he presents both traditional and advanced business process management architectures, covering, for example, workflow management systems, service-oriented architectures, and data-driven approaches. In addition, he

shows how standards like WfMC, SOAP, WSDL, and BPEL fit into the picture. This textbook is ideally suited for classes on business process management, information systems architecture, and workflow management. This 3rd edition contains a new chapter on business decision modelling, covering the Decision Model and Notation (DMN) standard; the chapter on process choreographies has been streamlined, and numerous clarifications have been fetched throughout the book. The accompanying website www.bpm-book.com contains further information and additional teaching material.

Empire of Law Kaius Tuori 2020-03-31

The history of exiles from Nazi Germany and the creation of the notion of a shared European legal tradition.

ICoRD'13 Amaresh Chakrabarti
2013-01-12 This book showcases over 100 cutting-edge research papers from the 4th International Conference on Research into Design (ICoRD'13) – the largest in India in this area – written by eminent researchers from over 20 countries, on the design process, methods and tools, for supporting global product development (GPD). The special features of the book are the variety of insights into the GPD process, and the host of methods and tools at the cutting edge of all major areas of design research for its support. The main benefit of this book for researchers in engineering design and GPD are access to the latest quality research in this area; for practitioners and educators, it is exposure to an empirically validated suite of

methods and tools that can be taught and practiced.

CALL communities and culture – short papers from EUROCALL 2016

Salomi Papadima-Sophocleous 2016-12-18 The 23rd EUROCALL conference was organised by the Cyprus University of Technology Language Centre. The theme of the conference was “CALL communities and Culture”. Between the 24th and 27th August 2016, over 135 presentations were delivered and 27 posters were presented; 84 of these presentations appear in this volume of selected peer-reviewed short papers.

Contract Theory Patrick Bolton 2004-12-10 A comprehensive introduction to contract theory, emphasizing common themes and methodologies as well as applications in key areas. Despite the vast

research literature on topics relating to contract theory, only a few of the field's core ideas are covered in microeconomics textbooks. This long-awaited book fills the need for a comprehensive textbook on contract theory suitable for use at the graduate and advanced undergraduate levels. It covers the areas of agency theory, information economics, and organization theory, highlighting common themes and methodologies and presenting the main ideas in an accessible way. It also presents many applications in all areas of economics, especially labor economics, industrial organization, and corporate finance. The book emphasizes applications rather than general theorems while providing self-contained, intuitive treatment of the simple models analyzed. In

this way, it can also serve as a reference for researchers interested in building contract-theoretic models in applied contexts. The book covers all the major topics in contract theory taught in most graduate courses. It begins by discussing such basic ideas in incentive and information theory as screening, signaling, and moral hazard. Subsequent sections treat multilateral contracting with private information or hidden actions, covering auction theory, bilateral trade under private information, and the theory of the internal organization of firms; long-term contracts with private information or hidden actions; and incomplete contracts, the theory of ownership and control, and contracting with externalities. Each chapter ends with

a guide to the relevant literature. Exercises appear in a separate chapter at the end of the book. Pelvic Organ Dysfunction in Neurological Disease Clare J. Fowler 2010-11-04 Pelvic Organ Dysfunction in Neurological Disease describes the neurological control of human bladder, bowel and sexual function and then details the dysfunctions which may arise as a consequence of various neurological diseases. Easy to read, the book will be of value to any healthcare professional managing patients in whom pelvic organ functions have been compromised by neurological disease. The book provides a structured approach to present day understanding of the neurological control of pelvic organs and the investigation and management of each type of organ dysfunction. A

unique feature of this book is that it addresses the impact of specific neurological disorders on all three functions. The authors have all been associated with the Department of Uro-Neurology at the National Hospital for Neurology and Neurosurgery, London since it was established 20 years ago. This book is a timely review of their accumulated knowledge and the latest literature.

Emerging Infectious Diseases 2004

Romanticism and the Uses of Genre

David Duff 2009-11-12 This reappraisal of the role of genre in Romanticism explores the generic innovations that drove the Romantic 'revolution in literature'. Also examined is the movement's fascination with archaic forms such as the ballad, the sonnet, and the

epic, the revival of which made Romanticism a 'retro' as well as a revolutionary movement.

Fighting for Hope Robert F. Jefferson 2008-11-24 "A rigorously researched, richly etched re-creation of the formation of the all-black Ninety-third Infantry Division, which fought in the Pacific theater." –Journal of American History This fascinating history shows how African-American military men and women seized their dignity through barracks culture and community politics during and after World War II. Drawing on oral testimony, unpublished correspondence, archival records, memoirs, and diaries, Robert F. Jefferson explores the curious contradiction of war-effort idealism and entrenched discrimination through the experiences of the 93rd Infantry

Division. Led by white officers and presumably unable to fight—and with the army taking great pains to regulate contact between black soldiers and local women—the division was largely relegated to support roles during the advance on the Philippines, seeing action only later in the war when U.S. officials found it unavoidable. Jefferson discusses racial policy within the War Department, examines the lives and morale of black GIs and their families, documents the debate over the deployment of black troops, and focuses on how the soldiers' wartime experiences reshaped their perspectives on race and citizenship in America. He finds in these men and their families incredible resilience in the face of racism at war and at home and shows how their hopes for

the future provided a blueprint for America's postwar civil rights struggles. Integrating social history and civil rights movement studies, *Fighting for Hope* examines the ways in which political meaning and identity were reflected in the aspirations of these black GIs and their role in transforming the face of America. "A marvelous book."
—Annals of Iowa

Terrorist Use of Cryptocurrencies

Cynthia Dion-Schwarz 2019-03-26 The success of counterterrorism finance strategies in reducing terrorist access to official currencies has raised concerns that terrorist organizations might increase their use of such digital cryptocurrencies as Bitcoin to support their activities. RAND researchers thus consider the needs of terrorist

groups and the advantages and disadvantages of the cryptocurrency technologies available to them.

Female Sexual Pain Disorders Andrew T. Goldstein 2011-09-23 First book devoted to the diagnosis and treatment of sexual pain in women Female Sexual Pain Disorders is a remarkable fusion of clinical and scientific knowledge that will empower women's healthcare professionals to help their patients in overcoming this common debilitating disorder. Based on the highest level research, it provides state-of-the-art practical guidance that will help you to: Evaluate and distinguish the causes of sexual pain in women Differentiate the many forms of sexual pain Implement multidisciplinary treatments Distilling the experience of world

leaders across many clinical, therapeutic and scientific disciplines, with an array of algorithms and diagnostic tools, Female Sexual Pain Disorders is your ideal companion for treating the many millions of women who suffer from this disorder worldwide. All proceeds from this book are being donated to the International Society for the Study of Women's Sexual Health (ISSWSH).

Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition) Robert E. Hoyt 2014-02 Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This

extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.

Diatoms Joseph Seckbach 2019-07-01

The aim of this new book series (Diatoms: Biology and Applications) is to provide a comprehensive and reliable source of information on diatom biology and applications. The first book of the series, Diatoms Fundamentals & Applications, is wide ranging, starting with the contributions of amateurs and the beauty of diatoms, to details of how their shells are made, how they bend light to their advantage and ours, and major aspects of their biochemistry (photosynthesis and iron metabolism). The book then delves into the ecology of diatoms living in

a wide range of habitats, and look at those few that can kill or harm us. The book concludes with a wide range of applications of diatoms, in forensics, manufacturing, medicine, biofuel and agriculture. The contributors are leading international experts on diatoms. This book is for a wide audience researchers, academics, students, and teachers of biology and related disciplines, written to both act as an introduction to diatoms and to present some of the most advanced research on them.

Sexually Transmitted Diseases

National Center for Prevention Services (U.S.). Division of STD/HIV Prevention 2002

The Fourth Paradigm Tony Hey 2009

Foreword. A transformed scientific method. Earth and environment. Health

and wellbeing. Scientific infrastructure. Scholarly communication.

Forthcoming Books Rose Arny 2001

Looking for Spinoza Antonio R.

Damasio 2003 Investigates the cerebral mechanisms behind emotions and feelings to explain the role between emotion, survival, and cultural accomplishment.

Tools in Fluvial Geomorphology G.

Mathias Kondolf 2016-04-28 Fluvial Geomorphology studies the biophysical processes acting in rivers, and the sediment patterns and landforms resulting from them. It is a discipline of synthesis, with roots in geology, geography, and river engineering, and with strong interactions with allied fields such as ecology, engineering and landscape architecture. This book

comprehensively reviews tools used in fluvial geomorphology, at a level suitable to guide the selection of research methods for a given question. Presenting an integrated approach to the interdisciplinary nature of the subject, it provides guidance for researchers and professionals on the tools available to answer questions on river restoration and management. Thoroughly updated since the first edition in 2003 by experts in their subfields, the book presents state-of-the-art tools that have revolutionized fluvial geomorphology in recent decades, such as physical and numerical modelling, remote sensing and GIS, new field techniques, advances in dating, tracking and sourcing, statistical approaches as well as more

traditional methods such as the systems framework, stratigraphic analysis, form and flow characterisation and historical analysis. This book: Covers five main types of geomorphological questions and their associated tools: historical framework; spatial framework; chemical, physical and biological methods; analysis of processes and forms; and future understanding framework. Provides guidance on advantages and limitations of different tools for different applications, data sources, equipment and supplies needed, and case studies illustrating their application in an integrated perspective. It is an essential resource for researchers and professional geomorphologists, hydrologists, geologists, engineers,

planners, and ecologists concerned with river management, conservation and restoration. It is a useful supplementary textbook for upper level undergraduate and graduate courses in Geography, Geology, Environmental Science, Civil and Environmental Engineering, and interdisciplinary courses in river management and restoration.

An Introduction to Numerical Methods and Analysis James F. Epperson

2013-06-06 Praise for the First Edition ". . .

outstandingly appealing with regard to its style, contents, considerations of requirements of practice, choice of examples, and exercises."

–Zentrablatt Math ". . . carefully structured with many detailed worked examples . . ." –The Mathematical Gazette ". . . an up-to-date and

user-friendly account . . ."

–Mathematika An Introduction to Numerical Methods and Analysis addresses the mathematics underlying approximation and scientific computing and successfully explains where approximation methods come from, why they sometimes work (or don't work), and when to use one of the many techniques that are available. Written in a style that emphasizes readability and usefulness for the numerical methods novice, the book begins with basic, elementary material and gradually builds up to more advanced topics. A selection of concepts required for the study of computational mathematics is introduced, and simple approximations using Taylor's Theorem are also treated in some depth. The text includes exercises that run the gamut

from simple hand computations, to challenging derivations and minor proofs, to programming exercises. A greater emphasis on applied exercises as well as the cause and effect associated with numerical mathematics is featured throughout the book. An Introduction to Numerical Methods and Analysis is the ideal text for students in advanced undergraduate mathematics and engineering courses who are interested in gaining an understanding of numerical methods and numerical analysis.

Clinical Blood Pool MR Imaging Tim Leiner 2009-10-27 Magnetic resonance angiography has made great strides, with continuing improvements in hardware, pulse sequencing, and know-how allowing ever-increasing speed, resolution, and suppression of artifacts. However, an inherent

physical barrier has always been limited SNR. Gadolinium contrast agents help to increase SNR by facilitating T1 relaxation, but they can be injected only at a finite rate and at a limited molar dose, and there is a rapid drop in concentration following the brief arterial phase due to redistribution into the extracellular fluid compartment. With its sixfold increase in T1 relaxivity, blood pool distribution, and longer serum half-life, Vasovist® represents a new breakthrough which promises to revolutionize MRA image quality once again. This excellent treatise on Vasovist®, created by a team of exceptional faculty who are pioneers in MR angiography, covers the basic techniques, safety, efficacy, image processing, and pharmacoeconomic

details, to successfully implement a new level of MRA image quality with this new contrast agent. In addition to improving all the usual arterial phase MRA applications, the blood pool distribution opens up new possibilities, including detecting internal bleeding and imaging stent graft endoleaks, which are reviewed in detail. In the complex, competitive field of cardiovascular imaging, this book articulates the cutting edge in imaging vascular disease.

Geo-information for Disaster Management Peter van Oosterom
2006-02-28 Geo-information technology can be of considerable use in disaster management, but with considerable challenge in integrating systems, interoperability and reliability. This book provides a

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broad overview of geo-information technology, software, systems needed, currently used and to be developed for disaster management. The text invites discussion on systems and requirements for use of geo-information under time and stress constraints and unfamiliar situations, environments and circumstances.

The Dobe Ju/'Hoansi Lee 2012-02-01
This classic, bestselling study of the !Kung San, foragers of the Dobe area of the Kalahari Desert describes a people's reactions to the forces of modernization, detailing relatively recent changes to !Kung rituals, beliefs, social structure, marriage and kinship system. It documents their determination to take hold of their own destiny, despite exploitation of their habitat and

relentless development to assert their political rights and revitalize their communities. Use of the name Ju/'hoansi (meaning real people) acknowledges their new sense of empowerment. Since the publication of the Third Edition in 2003, Richard Lee has made eight further trips to the Kalahari, the most recent in 2010 and 2011. The Dobe and Nyae Nyae Areas have continued to transform and the people have had to respond and adapt to the pressures of capitalist economics and bureaucratic governance of the Namibian and Botswana states. This Fourth Edition chronicles and bears witness to these evolving social conditions and their impacts on lives of the Ju/'hoansi. Important Notice: Media content referenced within the product description or the product text may not be available in

the ebook version.

The Essential Guide to

Telecommunications Annabel Z. Dodd
2019-03-19 “Annabel Dodd has cogently untangled the wires and switches and technobabble of the telecommunications revolution and explained how the introduction of the word ‘digital’ into our legislative and regulatory lexicon will affect consumers, companies and society into the next millennium.” – United States Senator Edward J. Markey of Massachusetts; Member, U.S. Senate Subcommittee on Communications, Technology, Innovation, and the Internet “Annabel Dodd has a unique knack for explaining complex technologies in understandable ways. This latest revision of her book covers the rapid changes in the fields of broadband, cellular, and

streaming technologies; newly developing 5G networks; and the constant changes happening in both wired and wireless networks. This book is a must-read for anyone who wants to understand the rapidly evolving world of telecommunications in the 21st century!” – David Mash, Retired Senior Vice President for Innovation, Strategy, and Technology, Berklee College of Music Completely updated for current trends and technologies, *The Essential Guide to Telecommunications*, Sixth Edition, is the world’s top-selling, accessible guide to the fast-changing global telecommunications industry. Writing in easy-to-understand language, Dodd demystifies today’s most significant technologies, standards, architectures, and trends. She introduces leading providers

worldwide, explains where they fit in the marketplace, and reveals their key strategies. New topics covered in this edition include: LTE Advanced and 5G wireless, modern security threats and countermeasures, emerging applications, and breakthrough techniques for building more scalable, manageable networks. Gain a practical understanding of modern cellular, Wi-Fi, Internet, cloud, and carrier technologies Discover how key technical, business, and regulatory innovations are changing the industry See how streaming video, social media, cloud computing, smartphones, and the Internet of Things are transforming networks Explore growing concerns about security and privacy, and review modern strategies for detecting and mitigating network breaches Learn how Software Defined

Networks (SDN) and Network Function Virtualization (NFV) add intelligence to networks, enabling automation, flexible configurations, and advanced networks Preview cutting-edge, telecom-enabled applications and gear—from mobile payments to drones Whether you're an aspiring network engineer looking for a broad understanding of the industry, or a salesperson, marketer, investor, or customer, this indispensable guide provides everything you need to know about telecommunications right now. This new edition is ideal for both self-study and classroom instruction. Register your product for convenient access to downloads, updates, and/or corrections as they become available. The Last Man Annotated Mary W Shelley 2021-02-04 The Last Man is an apocalyptic science fiction novel.

The book tells of a future world (the first-person narrative is that of a man living at the end of the 21st century) that has been ravaged by a plague. The novel was harshly reviewed at the time, and was virtually unknown until a scholarly revival beginning in the 1960s.

The Future of the Bamiyan Buddha Statues Masanori Nagaoka 2020-12-07

This Open Access book explores heritage conservation ethics of post conflict and provides an important historical record of the possible reconstruction of the Bamiyan Buddha statues, which was inscribed in the UNESCO World Heritage List in Danger in 2003 as “Cultural Landscape and Archaeological Remains of the Bamiyan Valley”. With the condition that most surface of the original fragments of the Buddha statues were lost due to

acts of deliberate destruction, this publication explores a reference point for conservation practitioners and policy makers around the world as they consider how to respond to on-going acts of destruction of cultural heritage. Whilst there has been an emerging debate to the ethics and nature of heritage reconstruction, this volume provides a plethora of ideas and approaches concerning the future treatment of the Bamiyan Buddha statues. It also addresses a number of fundamental questions on potential heritage reconstruction: how it will be done; who will decide; and what it should be done for. Moreover when it comes to the inscribed World Heritage properties, how can reconstructed heritage using non-original materials be considered to retain authenticity? With a view

to serving as a precedent for potential decisions taken elsewhere in the world for cultural properties impacted by acts of violence and destruction, this volume introduces academic researches, experiences and observations of heritage conservation theory and practice of heritage reconstruction. It also addresses the issue not merely from the point of a material conservation philosophy but within the context of holistic strategies for the protection of human rights and promotion of peace building.

High Efficiency Video Coding Mathias Wien 2014-09-29 The video coding standard High Efficiency Video Coding (HEVC) targets at improved compression performance for video resolutions of HD and beyond, providing Ultra HD video at similar

compressed bit rates as for HD video encoded with the well-established video coding standard H.264/AVC. Based on known concepts, new coding structures and improved coding tools have been developed and specified in HEVC. The standard is expected to be taken up easily by established industry as well as new endeavors, answering the needs of todays connected and ever-evolving online world. This book presents the High Efficiency Video Coding standard and explains it in a clear and coherent language. It provides a comprehensive and consistently written description, all of a piece. The book targets at both, newbies to video coding as well as experts in the field. While providing sections with introductory text for the beginner, it suits as a well-arranged reference book for the

expert. The book provides a comprehensive reference for the technical details of the employed coding tools; it further outlines the algorithmic advances compared to H.264/AVC. In addition to the technical aspects, the book provides insight to the general concepts of standardization, how specification text is written, and how these concepts apply to the HEVC specification.

Ocean Dynamics and the Carbon Cycle

Richard G. Williams 2011-07-14 This textbook for advanced undergraduate and graduate students presents a multidisciplinary approach to understanding ocean circulation and how it drives and controls marine biogeochemistry and biological productivity at a global scale. Background chapters on ocean physics,

chemistry and biology provide students with the tools to examine the range of large-scale physical and dynamic phenomena that control the ocean carbon cycle and its interaction with the atmosphere. Throughout the text observational data is integrated with basic physical theory to address cutting-edge research questions in ocean biogeochemistry. Simple theoretical models, data plots and schematic illustrations summarise key results and connect the physical theory to real observations. Advanced mathematics is provided in boxes and appendices where it can be drawn on to assist with the worked examples and homework exercises available online. Further reading lists for each chapter and a comprehensive glossary provide students and

instructors with a complete learning package.