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Scala Data Analysis Cookbook Arun Manivannan 2015-10-30 Navigate the world of data analysis, visualization, and machine learning with over 100 hands-on Scala recipes About This Book Implement Scala in your data analysis using features from Spark, Breeze, and Zeppelin Scale up your data analytics infrastructure with practical recipes for Scala machine learning Recipes for every stage of the data analysis process, from reading and collecting data to distributed analytics Who This Book Is For This book shows data scientists and analysts how to leverage their existing knowledge of Scala for quality and scalable data analysis. What You Will Learn Familiarize and set up the Breeze and Spark libraries and use data structures Import data from a host of possible sources and create dataframes from CSV Clean, validate and transform data using Scala to pre-process numerical and string data Integrate quintessential machine learning algorithms using Scala stack Bundle and scale up Spark jobs by deploying them into a variety of cluster managers Run streaming and graph analytics in Spark to visualize data, enabling exploratory analysis In Detail This book will introduce you to the most popular Scala tools, libraries, and frameworks through practical recipes around loading, manipulating, and preparing your data. It will also help you explore and make sense of your data using stunning and

insightful visualizations, and machine learning toolkits. Starting with introductory recipes on utilizing the Breeze and Spark libraries, get to grips with how to import data from a host of possible sources and how to pre-process numerical, string, and date data. Next, you'll get an understanding of concepts that will help you visualize data using the Apache Zeppelin and Bokeh bindings in Scala, enabling exploratory data analysis. Discover how to program quintessential machine learning algorithms using Spark ML library. Work through steps to scale your machine learning models and deploy them into a standalone cluster, EC2, YARN, and Mesos. Finally dip into the powerful options presented by Spark Streaming, and machine learning for streaming data, as well as utilizing Spark GraphX. Style and approach This book contains a rich set of recipes that covers the full spectrum of interesting data analysis tasks and will help you revolutionize your data analysis skills using Scala and Spark.

[Psychoanalysis and Black Novels](#) Claudia Tate 1998-02-12 Although psychoanalytic theory is one of the most potent and influential tools in contemporary literary criticism, to date it has had very little impact on the study of African American literature. Critical methods from the disciplines of history, sociology, and cultural studies have dominated work in the field. Now, in this exciting new book by the author of

Domestic Allegories: The Black Heroine's Text at the Turn of the Century, Claudia Tate demonstrates that psychoanalytic paradigms can produce rich and compelling readings of African American textuality. With clear and accessible summaries of key concepts in Freud, Lacan, and Klein, as well as deft reference to the work of contemporary psychoanalytic critics of literature, Tate explores African- American desire, alienation, and subjectivity in neglected novels by Emma Kelley, W.E.B. Du Bois, Richard Wright, Zora Neale Hurston, and Nella Larsen. Her pioneering approach highlights African American textual realms within and beyond those inscribing racial oppression and modes of black resistance. A superb introduction to psychoanalytic theory and its applications for African American literature and culture, this book creates a sophisticated critical model of black subjectivity and desire for use in the study of African American texts.

Risk Analysis in Stochastic Supply Chains Tsan-Ming Choi

2012-06-05 Risk analysis is crucial in stochastic supply chain models. Over the past few years, the pace has quickened for research attempting to explore risk analysis issues in supply chain management problems, while the majority of recent papers focus on conceptual framework or computational numerical analysis. Pioneered by Nobel laureate Markowitz in the 1950s, the mean-risk (MR) formulation became a fundamental theory for risk management in finance. Despite the significance and popularity of MR-related approaches in finance, their applications in studying multi-echelon supply chain management problems have only been seriously explored in recent years. While the MR approach has already been shown to be useful in conducting risk analysis in stochastic supply chain models, there is no comprehensive reference source that provides the state-of-the-art findings on this important model for supply chain management. Thus it is significant to have a book that reviews and extends the MR related works for supply chain risk analysis. This book is organized into five chapters. Chapter 1 introduces the topic, offers a timely review of various related areas, and explains why the MR approach is important for conducting supply chain risk analysis. Chapter 2 examines the single period inventory model with

the mean-variance and mean-semi-deviation approaches. Extensive discussions on the efficient frontiers are also reported. Chapter 3 explores the infinite horizon multi-period inventory model with a mean-variance approach. Chapter 4 investigates the supply chain coordination problem with a versatile target sales rebate contract and a risk averse retailer possessing the mean-variance optimization objective. Chapter 5 concludes the book and discusses various promising future research directions and extensions. Every chapter can be taken as a self-contained article, and the notation within each chapter is consistently employed. *This Is Not the Life I Ordered* Deborah Collins Stephens 2009-04-01 If you've ever felt overworked, overwhelmed, or just plain unlucky, this book is for you. Through this collection of stories, wisdom, and practical advice, readers will meet four ordinary women who have faced extraordinary life challenges. Together, they have a history of six marriages, ten children, four stepchildren, six dogs, two miscarriages, two cats, a failed adoption, widowhood, and foster parenthood. They have built companies, lost companies, and sold companies. One of them was shot and left for dead on a tarmac in South America, and two lived through the deaths of spouses. Raising babies and teenagers together, they have known celebrity and success along with loneliness and self-doubt. This book started simply with four friends getting together at the kitchen table to talk about their lives. Week by week and story by story, they realized their support of each other could help other women struggling with life's myriad issues of work, family, and love, as well as the big questions of life and death. For over a decade, the power and strength of their collective friendship has enabled these women to not only survive but to thrive. The remarkable results are in this collection of lessons and stories and wisdom, which can help any woman turn any misfortunate event into a joy-filled opportunity. *This Is Not the Life I Ordered* is the culmination of weekly "kitchen table coaching" sessions that took place for more than a decade and were designed to support one another through life's ups and downs. The women realized their support of each other could help other women struggling with life's myriad issues of work, family, and love, as well as the big questions of life and death.

The power and strength of their collective friendship has enabled these women to not only survive but to thrive and the remarkable results are in this collection of lessons and stories and wisdom, which can help any woman turn any unfortunate event into a joy-filled opportunity. *

Features practical "Wit Kit" tips - exercises and actions for readers to become their own life coach and start their own kitchen-table cabinets.

JQuery and JavaScript Phrasebook Brad Dayley 2013 Offers more than one hundred codes and commands for Web programming projects.

Public Investments in Energy Technology Michael P. Gallaher 2012-01-01

Escalating energy demand may be the most important issue facing the United States and the world today. There is little disagreement that research and development (R&D) is needed to develop new energy technologies for the future; however, there is less agreement over the specific research agenda to be pursued and how that agenda is funded. This book addresses the social importance of new energy technologies, illustrates policy-relevant applications of evaluation techniques and proposes new perspectives for a US energy investment strategy. Through detailed examples related to solar, geothermal, and vehicle technologies, the authors outline the need for robust evaluation methods to document social returns to taxpayers' R&D investments. They argue that such evaluations are necessary for the public sector to make rational decisions about the allocation of its scarce resources. The evaluation methods considered involve developing alternative technology and market pathways from which the benefits of government research can be measured. Researchers and graduate students, policy makers involved in energy technology, and energy R&D program managers will all find much of value in this important and timely book.

Understanding Post-Tonal Music Miguel A. Roig-Francolí 2021-02-25

Understanding Post-Tonal Music is a student-centered textbook that explores the compositional and musical processes of twentieth-century post-tonal music. Intended for undergraduate or general graduate courses on the theory and analysis of twentieth-century music, this book will increase the accessibility of post-tonal music by providing students with tools for understanding pitch organization, rhythm and meter, form,

texture, and aesthetics. By presenting the music first and then deriving the theory, Understanding Post-Tonal Music leads students to greater understanding and appreciation of this challenging and important repertoire. The updated second edition includes new "Explorations" features that guide students to engage with pieces through listening and a process of exploration, discovery, and discussion; a new chapter covering electronic, computer, and spectral musics; and additional coverage of music from the twenty-first century and recent trends. The text has been revised throughout to enhance clarity, both by streamlining the prose and by providing a visual format more accessible to the student.

Atom Isaac Asimov 1992-08 Looks at the history of atomic and subatomic research from the ancient Greeks to modern particle physics

SUBVERSIVE GENEALOGY Michael Paul Rogin 2013-08-28 In this major reconsideration of Herman Melville's life and work, Michael Paul Rogin shows that Melville's novels are connected both to the important issues of his time and to the exploits of his patrician and politically prominent family—which, three generations after its Revolutionary War heroes, produced an alcoholic, a bankrupt, and a suicide. Rogin argues that a history of Melville's fiction, and of the society represented in it, is also a history of the writer's family. He describes how that family first engaged Melville in and then isolated him from American political and social life. Melville's brother and father-in-law are shown to link *Moby-Dick* to the crisis over expansion and slavery. *White-Jacket* and *Billy Budd*, which concern shipboard conflicts between masters and seamen, are related to an execution at sea in which Melville's cousin played a decisive part. The figure of Melville's father haunts *The Confidence Man*, whose subject is the triumph of the marketplace and the absence of authority. A provocative study of one of our supreme literary artists. *Toilet Paper* Maurizio Cattelan 2014 "Toilet Paper" is an artists' magazine created and produced by Maurizio Cattelan and Pierpaolo Ferrari, born out of a passion or obsession they both cultivate: images. The magazine contains no text; each picture springs from an idea, often simple, and through a complex orchestration of people it becomes the

materialization of the artists' mental outbursts. Since the first issue, in June 2010, "Toilet Paper" has created a world that displays ambiguous narratives and a troubling imagination. It combines the vernacular of commercial photography with twisted narrative tableaux and surrealist imagery.

Unclaimed Courtney Milan 2014-07-07 Handsome, wealthy, and respected, Sir Mark Turner has made a name for himself as an upright moralist. But behind his virtuous reputation lies a hidden passion, one that he keeps in careful check... until he meets the beautiful Jessica Farleigh and discovers she is the one he's waited for all his life, to take to his bed and let into his heart. But Jessica is a courtesan, not the respectable lady Sir Mark believes. When Mark's enemies ask her to seduce him and destroy his good name, she agrees. The money they offer will allow her to escape a life that has become unbearable. But along the road to seduction, the worst happens: Jessica falls in love. The only way to win the freedom she needs is to destroy the most honorable man she's ever met... This is an enhanced ebook. In addition to the text of the book itself, it contains pictures and audio. You can read this enhanced ebook on any device, but the audio content may not be accessible on all ereaders. That content has been made available on the web, so you won't miss anything if your device doesn't support audio. Unclaimed is the second book in the Turner series. The full series is: - Unveiled - Unlocked, a companion novella - Unclaimed - Unraveled

Psychology in Sports Coaching Adam R. Nicholls 2017-06-26 Cover -- Title -- Copyright -- Dedication -- CONTENTS -- List of figures -- List of tables -- Introduction -- PART I Providing sport psychology training as a coach -- 1 Do's and don'ts for coaches who provide sport psychology to their athletes: ethics, referrals, and the HCPC -- PART II Identifying the psychological needs of athletes -- 2 Conducting intake interviews -- 3 Using questionnaires to assess the needs of athletes -- PART III Facilitating awareness among athletes -- 4 Goal setting -- 5 Performance profiling -- PART IV Coaching different populations: how to support the needs of different athletes -- 6 Coaching children -- 7 Coaching adolescents -- 8 Coaching adults -- 9 Coaching athletes with learning

disabilities -- 10 Providing psychological support to an injured athlete -- PART V Relationships, support, and influence within coaching practice -- 11 The coach-athlete relationship -- 12 Understanding and building team cohesion -- 13 Supporting athletes socially -- 14 Enhancing motivation among athletes -- 15 Creating the optimal motivational climate -- 16 Applying self-determination theory and research to enhance coaching practice -- 17 Promoting anti-doping attitudes among athletes -- PART VI Developing mental skills among athletes -- 18 Mental imagery -- 19 Mental toughness training -- 20 Maximising sport-confidence -- 21 Coping effectiveness training -- 22 Enhancing challenge states and minimising threat states among athletes -- 23 Mindfulness-based stress reduction training -- 24 Preventing choking under pressure in sport -- References -- Index

Truly, Madly, Famously Rebecca Serle 2015-11-05 After being plucked from obscurity, Hollywood's newest It girl, Paige Townsend, has a blockbuster film to her name and Rainer Devon on her arm. But being half of the world's most famous couple comes with a price. No matter where Paige goes, someone is always watching. Soon she finds herself dodging photographers, hiding her feelings for her other co-star, Jordan Wilder, and weathering tabloid scandals that threaten to tear her and Rainer apart - and end her career as quickly as it began. As she navigates her new LA life, Paige finds that she doesn't know who to trust: old friends could be betraying her secrets, and new friends are keeping secrets of their own. Truly, Madly, Famously is the exciting sequel to Rebecca Serle's Famous in Love. 'Rebecca Serle completely captured what it's like to be a part of Young Hollywood. I absolutely loved Famous in Love. A must-read for anyone curious about life and love behind the scenes' Bella Thorne, actor and author of Autumn Falls

Purchasing and Financial Management of Information Technology Frank Bannister 2012-06-25 Purchasing and Financial Management of Information Technology aims to significantly reduce the amount of money wasted on IT by providing readers with a comprehensive guide to all aspects of planning, managing and controlling IT purchasing and finance. Starting from a recognition that IT purchasing and the financial

management often needs to be treated differently from other types of expenditure, the author draws on over 25 years of experience in the field to provide readers with useful mixture of good procedures and common sense rules that have been tried, tested and found to work. Many of these are illustrated by case histories, each with a moral or a lesson.

Purchasing and Financial Management of Information Technology provides useful guidelines and advice on whole range of topics including:

* IT acquisitions policy * Dealing with suppliers * Budgeting and cost control * IT cost and risk management * Specification, selection and evaluation of systems * IT value for money

Trump University Entrepreneurship 101 Mike Gordon 2007

Psychopathology Graham C. Davey 2014-08-08 Psychopathology has been designed to provide students with a comprehensive coverage of both psychopathology and clinical practice, including extensive treatment techniques for a range of mental health issues. The text is designed to be accessible to students at a range of different learning levels, from first year undergraduates to post-graduate researchers and those undergoing clinical training. Psychopathology is primarily evidence and research based, with coverage of relevant research from as recently as 2013, making it useful to researchers as well as clinicians. The emphasis in the book is on providing students with a real insight into the nature and experience of mental health problems, both through the written coverage and by providing a range of video material covering personal accounts of mental health problems. The text is integrated with a wide variety of teaching and learning features that will enable facilitators to teach more effectively, and students to learn more comprehensively. Many of these features have been updated for the new edition and new material has been included to reflect the changes in DSM-5. Features include Focus Points that discuss contentious or topical issues in detail, Research Methods boxes showing how clinical psychologists do research on psychopathology, and Case Histories detailing a range of mental health problems. Online resources An all new student website is available at www.wiley-psychopathology.com. The website houses a huge variety of new digital material including more

than 50 instructional and supplementary videos covering descriptions of symptoms and aetiologies, examples of diagnosis and diagnostic interviews, recounted personal experiences of people with mental health problems, and discussions and examples of treatment. The site also contains hundreds of new student quizzes, as well as revision flashcards, student learning activities, discussion topics, lists of relevant journal articles (many of which provide free links to relevant articles published in Wiley Blackwell journals), and topics for discussion related to clinical research and clinical practice. A fully updated lecturer test bank has also been developed including over 1,000 questions, as well as suggested essay questions and these can be accessed by instructors on our lecturer book companion site.

Embedded Linux Primer Christopher Hallinan 2010-10-26 Up-to-the-Minute, Complete Guidance for Developing Embedded Solutions with Linux Linux has emerged as today's #1 operating system for embedded products. Christopher Hallinan's Embedded Linux Primer has proven itself as the definitive real-world guide to building efficient, high-value, embedded systems with Linux. Now, Hallinan has thoroughly updated this highly praised book for the newest Linux kernels, capabilities, tools, and hardware support, including advanced multicore processors. Drawing on more than a decade of embedded Linux experience, Hallinan helps you rapidly climb the learning curve, whether you're moving from legacy environments or you're new to embedded programming. Hallinan addresses today's most important development challenges and demonstrates how to solve the problems you're most likely to encounter. You'll learn how to build a modern, efficient embedded Linux development environment, and then utilize it as productively as possible. Hallinan offers up-to-date guidance on everything from kernel configuration and initialization to bootloaders, device drivers to file systems, and BusyBox utilities to real-time configuration and system analysis. This edition adds entirely new chapters on UDEV, USB, and open source build systems. Tour the typical embedded system and development environment and understand its concepts and components. Understand the Linux kernel and userspace initialization processes.

Preview bootloaders, with specific emphasis on U-Boot. Configure the Memory Technology Devices (MTD) subsystem to interface with flash (and other) memory devices. Make the most of BusyBox and latest open source development tools. Learn from expanded and updated coverage of kernel debugging. Build and analyze real-time systems with Linux. Learn to configure device files and driver loading with UDEV. Walk through detailed coverage of the USB subsystem. Introduces the latest open source embedded Linux build systems. Reference appendices include U-Boot and BusyBox commands.

Unearthing Business Requirements Rosemary Hossenlopp PMP 2007-10-01 A Volume of the Business Analysis Essential Library Series Learn how the business analyst works collaboratively with the project manager and other core team members to create plans that customize elicitation activities to the unique needs of the project. The author presents techniques used by successful business analysts and defines key business analysis terms. Examine the principles and practices for pragmatic, effective requirements elicitation and learn how to work collaboratively with project members and other core team members. Discover the steps necessary to create customized elicitation activities for the unique needs of each project.

Undressing Cinema Stella Bruzzi 2012-10-12 From Audrey Hepburn in Givenchy, to sharp-suited gangsters in Tarantino movies, clothing is central to film. In *Undressing Cinema*, Stella Bruzzi explores how far from being mere accessories, clothes are key elements in the construction of cinematic identities, and she proposes new and dynamic links between cinema, fashion and costume history, gender, queer theory and psychoanalysis. Bruzzi uses case studies drawn from contemporary popular cinema to reassess established ideas about costume and fashion in cinema, and to challenge conventional interpretations of how masculinity and femininity are constructed through clothing. Her wide-ranging study encompasses: * haute couture in film and the rise of the movie fashion designer, from Givenchy to Gaultier * the eroticism of period costume in films such as *The Piano* and *The Age of Innocence* * clothing the modern femme fatale in *Single White Female*, *Disclosure*

and *The Last Seduction* * generic male chic in *Goodfellas*, *Reservoir Dogs*, and *Leon* * pride, costume and masculinity in 'Blaxploitation' films, *Boyz n The Hood* and *New Jack City* * drag and gender confusion in cinema, from the unerotic cross-dressing of *Mrs Doubtfire* to the eroticised ambiguity of *Orlando*.

Thomas Heatherwick Thomas Heatherwick 2015-07-07 Revised and expanded edition How do you turn a paper mill into a gin distillery? Let every country in the Olympic Games take part in making and lighting the Olympic Cauldron? Design a building using an electron microscope? Produce a new bus for London that uses less fuel? Make someone eat your business card? Develop a new kind of mosque? Turn the back door of a hospital into its front door? Grow a meadow in the center of a city? Generate the form of a building in less than a minute? Use saliva as an ingredient of a Christmas card? Create a piece of architecture that represents a nation? This is the definitive publication on one of the world's most exceptional designers. More than 600 pages, 140 projects and hundreds of photographs, illustrations, and sketches, this revised and expanded monograph will excite, inspire, and serve as an invaluable resource for creative solutions and the joy of making for many years to come.

School-age Child Care Michelle Seligson 1993 In this new edition of a pioneering work, Seligson and Allenson explore the challenges which child care providers will encounter as the 21st century approaches. The manual guides the reader through the process of designing, implementing, and managing caring programs for children aged 5 to 12. Supported by work done at the School-Age Child Care Project of the Wellesley College Center for Research on Women, the present volume focuses on the needs of children, and provides examples of model programs as well as appropriate responses and recommendations for child care situations. By balancing this practical business operations text with an investigation into the meaning of social obligation, the authors have produced a fascinating blend of how-to and philosophy. This is an authoritative and indispensable resource.

The Abandon Trilogy: Abandon, Underworld, Awaken Meg Cabot

2013-12-15 The first three books in Meg Cabot's Abandon series. Abandon: Last year, Pierce died - just for a moment. And when she was in the space between life and death, she met John: tall dark and terrifying, it's his job to usher souls from one realm to the next. There's a fierce attraction between them, but Pierce knows that if she allows herself to fall for John she will be doomed to a life of shadows and loneliness in the underworld. But now things are getting dangerous for her, and her only hope is to do exactly what John says ... Underworld: Pierce Oliviera isn't dead. Not this time. But she's been taken by John Hayden, Lord of the Underworld, to the place between heaven and hell where spirits gather before their final journey. John claims it's to protect her from the Furies, who are hell-bent on vengeance against him. But could he have other reasons for keeping Pierce close? When she learns that the people she loves are under threat from the Furies, can she convince John to release her to save them- or will the price he asks for her freedom be too high? Awaken: Seventeen-year-old Pierce Oliviera knew that by accepting the undying love of John Hayden she'd be forced to live forever in the one place she's always dreaded most: the Underworld. The sacrifice seemed worth it, but now her happiness and safety in the realm are threatened. The Furies have discovered that John has broken one of their strictest rules and revived a dead soul. If the balance of life and death isn't restored, both the Underworld and Pierce's home on Earth will be wiped out by the Furies' wrath. Pierce has already cheated death once ... can she do it again?

TypeScript for Javascript Programmers Steve Fenton 2012

SQL Server 2005 DBA Street Smarts Joseph L. Jordan 2006-10-30

Develop the skill you need in the real world. Hit the ground running with the street-smart training you'll find in this practical book. Using a "Year in the life" approach, it gives you an inside look at SQL Server 2005 database administration, with key information organized around the actual day-to-day tasks, scenarios, and challenges you'll face in the field. This valuable training tool is loaded with hands-on, step-by-step exercises covering all phases of SQL Server 2005 administration, including: * Installing and configuring SQL Server * High availability and

disaster recovery * Maintenance and automation * Monitoring and troubleshooting An Invaluable study tool This no-nonsense book also maps to the common tasks and objectives for Microsoft's MCTS SQL Server (TM) 2005 Implementation and Maintenance exam (70-431). So whether you're preparing for certification or seeking practical skills to break into the field, you'll find the instruction you need, including: * Upgrading from a previous version of SQL Server * Configuring an operating mode * Restoring a database * Creating a Transact-SQL user-defined type * Using Windows(r) System Monitor to Monitor performance THE STREET SMARTS SERIES is designed to help current or sparing IT professionals put their certification to work for them. Full of practical, real world scenarios, each book features actual tasks from the field and then offers step-by-step exercises that teach the skills necessary to complete those tasks. And because the exercises are based upon exam objectives from leading technology certifications, each Street Smarts book can be used as a lab manual for certification prep.

Troubleshooting Marine Diesel Engines, 4th Ed. Peter Compton

1997-09-22 This densely illustrated, hands-on guide to diesel engine maintenance, troubleshooting, and repair renders its subject more user-friendly than ever before. Finally, boatowners who grew up with gas engines can set aside their fears about tinkering with diesels, which are safer and increasingly more prevalent. As in other volumes in the International Marine Sailboat Library, every step of every procedure is illustrated, so that users can work from the illustrations alone. The troubleshooting charts in the second chapter--probably the most comprehensive ever published--are followed by system-specific chapters, allowing readers to quickly diagnose problems, then turn to the chapter with solutions. Diesel engine systems covered include: mechanical; oil; fresh- and raw-water cooling; low- and high-pressure fuel; exhaust; starting; charging; transmission and stern gear.

Trumpet Pedagogy David Hickman 2006 This book is the largest and most complete book ever written about trumpet playing. 503 pages. Hardbound; cloth; 8.5 x 11 x 1.75 in.; 369 photos; 89 illustrations; dozens of music examples. David Hickman is considered one of the world's finest

trumpet pedagogues with 35 years of university teaching. A must for all serious players and teachers!

Travel in the Byzantine World Ruth Macrides 2017-07-05 The contributions to this volume have been selected from the papers delivered at the 34th Spring Symposium of Byzantine Studies at Birmingham, in April 2000. Travellers to and in the Byzantine world have long been a subject of interest but travel and communications in the medieval period have more recently attracted scholarly attention. This book is the first to bring together these two lines of enquiry. Four aspects of travel in the Byzantine world, from the sixth to the fifteenth century, are examined here: technicalities of travel on land and sea, purposes of travel, foreign visitors' perceptions of Constantinople, and the representation of the travel experience in images and in written accounts. Sources used to illuminate these four aspects include descriptions of journeys, pilot books, bilingual word lists, shipwrecks, monastic documents, but as the opening paper shows the range of such sources can be far wider than generally supposed. The contributors highlight road and travel conditions for horses and humans, types of ships and speed of sea journeys, the nature of trade in the Mediterranean, the continuity of pilgrimage to the Holy Land, attitudes toward travel. Patterns of communication in the Mediterranean are revealed through distribution of ceramic finds, letter collections, and the spread of the plague. Together, these papers make a notable contribution to our understanding both of the evidence for travel, and of the realities and perceptions of communications in the Byzantine world. *Travel in the Byzantine World* is volume 10 in the series published by Ashgate/Variorum on behalf of the Society for the Promotion of Byzantine Studies.

Airbus A320: An Advanced Systems Guide Ben Riecken 2019-06-13 This iPad interactive book is an indispensable tool for pilots seeking the Airbus A320 type rating. This study guide offers an in-depth systems knowledge with pictures, videos and schematics not found in other publications. It is packed with detailed and useful information to prepare any candidate for command and responsibility of the A320 equipped with

IAE or CFM engines.

Town and Revolution Anatole Kopp 1970-01-01

The Science of Superheroes Lois H. Gresh 2003-09-29 The truth about superpowers . . . science fact or science fiction? "An entertaining and informative guide to comic book wonders bound to come." —Julius Schwartz, Editor Emeritus, DC Comics Superman, Batman, The X-Men, Flash, Spider Man . . . they protect us from evildoers, defend truth and justice, and, occasionally, save our planet from certain doom. Yet, how much do we understand about their powers? In this engaging yet serious work, Lois Gresh and Robert Weinberg attempt to answer that question once and for all. From X-ray vision to psychokinesis, invisibility to lightspeed locomotion, they take a hard, scientific look at the powers possessed by all of our most revered superheroes, and a few of the lesser ones, in an attempt to sort fact from fantasy. In the process, they unearth some shocking truths that will unsettle, alarm, and even terrify all but the most fiendish of supervillains. Lois Gresh (Rochester, NY) has written eight novels and nonfiction books as well as dozens of short stories and has been nominated for national fiction awards six times. Robert Weinberg (Oak Forest, IL) is a multiple award-winning author of novels, nonfiction books, short stories and comics.

Radiology Case Review Series: Spine Allison Michele Grayev 2015-05-01 More than 150 spinal radiology cases deliver the best board review possible Part of McGraw-Hill Education's Radiology Case Review Series, this unique resource challenges you to look at a group of images, determine the diagnosis, answer related questions, and gauge your knowledge by reviewing the answer. It all adds up to the best case-based review of spinal imaging available--one that's ideal for certification or recertification, or as an incomparable clinical refresher. Distinguished by a cohesive 2-page design, each volume in this series is filled with cases, annotated images, questions & answers, pearls, and relevant literature references that will efficiently prepare you for virtually any exam topic. The more than 150 cases cover clinically relevant disorders such as neck and back pain, leg numbness, fibrous dysplasia, Sprengel's deformity, neck mass, spina bifida, and lumbar fusion. Radiology Case Review

Series Features More than 150 cases for each volume, which consist of: Precise, state-of-the-art images accompanied by questions and answers, descriptions of the entities, insightful clinical pearls, and reference lists Intensive coverage of fundamental radiology principles, the latest diagnostic imaging techniques, radiology equipment, new technologies, and more Unique 2-page design for each case, which features: Images with 5 questions on the right-hand page Magnifications, annotations, and detailed answers on the verso page--a benefit that you'll only find in this exceptional series! Informative, bulleted comments box that provides important additional context for each case Cases organized and coded by difficulty level allowing you to evaluate your proficiency before progressing to the next level. If you're looking for the most complete, well-organized, and efficient case-based review of radiology available--designed to help you ace the boards and optimize patient outcomes--the Radiology Case Review Series belongs on your reference shelf.

Bioengineering Fundamentals Ann Saterbak 2007 Combining engineering principles with technical rigor and a problem-solving focus, this textbook takes a unifying, interdisciplinary approach to the conservation laws that form the foundation of bioengineering: mass, energy, charge, and momentum. For sophomore-level courses in bioengineering, biomedical engineering, and related fields.

This Is Not the Life I Ordered Deborah Collins Stephens 2019-04-01 Become Your Own Life Coach An inspirational book of self-care. For over a decade, four women came together for weekly "kitchen table coaching" sessions that they designed to enable them to support each other through life's ups and downs. The power and strength of their collective friendship has enabled them to not only survive but to thrive, and the remarkable results can be found in this collection of lessons, stories, and wisdom. With this book, you can learn how to turn any unfortunate event into a joy-filled opportunity. Overcome adversity, embrace change, and discover your power—together. In addition to stories and advice, *This Is Not the Life I Ordered* will teach you how to put together your own gathering of kitchen-table friends. At the end of each section, you will find tools that you can work with as a group to help each other grow,

learn, and thrive. Don't get stuck telling your friends that "everything happens for a reason" over and over again—learn how to encourage them effectively and love them well. Show yourself and others compassion, kindness, and forgiveness. Part autobiography, part self-help book, and all useful and actionable content, the authors and friends pulled from their experiences supporting one another to help you do the same. If you are struggling with work, family, love, or just life in general, *This Is Not the Life I Ordered* is for you. In this book, you'll find advice and stories that will help you grow to be better than before. Topics include: Managing misfortune Finding courage Understanding money Reinventing yourself Learning to love your mistakes Facing naysayers And much more! Readers of motivational books and personal growth books like *Tell Me More*, *On Being Human*, and *Carry On, Warrior* will be inspired by *This Is Not the Life I Ordered*.

A Shot of Faith (to the Head) Mitch Stokes 2012-04-16 Secular, skeptical, disillusioned. These are the traits that mark our age—encouraged by outspoken atheists who insist that faith is naïve and belief is dangerous. But what if the atheists are the irrational ones? Can their beliefs withstand the rigorous examination that they demand from others? In *A Shot of Faith of Faith to the Head*, Mitch Stokes, Senior Fellow of Philosophy at New Saint Andrews College, dismantles the claims of skeptics and atheists, while constructing a simple yet solid case for Christian belief. This profound yet accessible book proves the rationality, consistency, and reliability of the Christian approach to science and life. If you have ever doubted that your beliefs can stand up to scrutiny—if you've ever doubted your beliefs—this book dissolves the questions. For atheists, it is a wake-up call. For Christians, it's *A Shot of Faith to the Head*. Endorsements: "A Shot of Faith to the Head is much more than a defense of Christianity; it takes the offensive against the secularist thinking that enamors so many in the West. With the thoroughness of a scholar and the confidence of experience, Mitch Stokes demonstrates the intellectually dubious nature of the so-called "New Atheism" and provides Christians with a much needed handbook for the questions they will surely face once they are outside of the safe confines of their Christian

communities. I highly recommend it." —Larry Taunton, founder of the Fixed Point Foundation and author of *The Grace Effect* "A fine book: lively, clear, accessible, but also deep, and deeply competent." —Alvin Plantinga, Emeritus Professor of Philosophy at the University of Notre Dame, author of *Where the Conflict Really Lies: Science, Religion, and Naturalism*, Oxford University Press "The Bible identifies Jesus as the Word and as the Light, available therefore to the mind as well as the heart. Of all religions, Christianity most invites one to think as well as to believe, and in this troubled time that invitation is still more urgent to take up. Here is a book by a skilled thinker, showing how better to think about faith. It is a worthy task, ably achieved." —Larry P. Arnn, PhD, president, Hillsdale College "This book is what snarky atheists have coming to them for their dismissive claims and unfounded arrogance. Written not to convince atheists but to help Christians defend themselves and the Christian faith, *A Shot of Faith to the Head* takes the best tools of top-notch apologetics and philosophy and puts them in the hands of every believer. Even better, it's easy and fun to read, winsome, witty, filled with sharp thinking, and well-researched. As a professor and pastor, I'll be assigning this book in my apologetics courses and would recommend it to every Christian. It displays strategic answers to questions and objections every Christian has encountered." —Justin Holcomb, pastor, Mars Hill Church; executive director of the Resurgence; adjunct professor of theology, Reformed Theological Seminary

Reinventing Project-Based Learning Suzie Boss 2014-07-21 This newly revised book explores proven strategies for overcoming the limitations of the traditional classroom, including a wealth of technology tools for inquiry, collaboration, and global connection to support this new vision of instructional design. The book follows the arc of a project, providing guided opportunities to direct and reflect educators own learning and professional development. In the expanded second edition, educators will find new examples of the latest tools, assessment strategies and promising practices that are poised to shape education in the future.

Segmental and Prosodic Issues in Romance Phonology Pilar Prieto 2007-01-01 This volume is a collection of cutting-edge research papers written by well-known researchers in the field of Romance phonetics and phonology. An important goal of this book is to bridge the gap between traditional Romance linguistics — with its long and rich tradition in data collection, cross-language comparison, and phonetic variation — and laboratory phonology work. The book is organized around three main themes: segmental processes, prosody, and the acquisition of segments and prosody. The various articles provide new empirical data on production, perception, sound change, first and second language learning, rhythm and intonation, presenting a state-of-the-art overview of research in laboratory phonology centred on Romance languages. The Romance data are used to test the predictions of a number of theoretical frameworks such as gestural phonology, exemplar models, generative phonology and optimality theory. The book will constitute a useful companion volume for phoneticians, phonologists and researchers investigating sound structure in Romance languages, and will serve to generate further interest in laboratory phonology.

Unified Design of Steel Structures Louis F. Geschwindner 2011-12-20 Geschwindner's 2nd edition of *Unified Design of Steel Structures* provides an understanding that structural analysis and design are two integrated processes as well as the necessary skills and knowledge in investigating, designing, and detailing steel structures utilizing the latest design methods according to the AISC Code. The goal is to prepare readers to work in design offices as designers and in the field as inspectors. This new edition is compatible with the 2011 AISC code as well as marginal references to the AISC manual for design examples and illustrations, which was seen as a real advantage by the survey respondents. Furthermore, new sections have been added on: Direct Analysis, Torsional and flexural-torsional buckling of columns, Filled HSS columns, and Composite column interaction. More real-world examples are included in addition to new use of three-dimensional illustrations in the book and in the image gallery; an increased number of homework problems; and media approach Solutions

Manual, Image Gallery.

Ulysses and Us Declan Kiberd 2010-06-03 In Ulysses and Us, Declan Kiberd argues that James Joyce's Ulysses offers a humane vision of a more tolerant and decent life under the dreadful pressures of the modern world. As much a guide to contemporary life as it is virtuoso work of literary criticism, Ulysses and Us offers revolutionary insights to the scholar and the first-time reader alike. Leopold Bloom, the half-Jewish Irishman who is the hero of James Joyce's Ulysses, teaches the young Stephen Dedalus (modelled on Joyce himself) how he can grow and mature as an artist and an adult human being. Bloom has learned to live with contradictions, with anxiety and sexual jealousy, and with the rudeness and racism of the people he encounters in the city streets, and in his apparently banal way sees deeper than any of them. He embodies an intensely ordinary kind of wisdom, Kiberd argues, and in this way offers us a model for living well, in the tradition of the literature upon which Joyce drew in writing Ulysses, such as Homer, Dante and the Bible. 'Declan Kiberd's brilliantly informed and highly entertaining advocacy liberates Joyce's greatest book from the dungeon of unreadable masterpieces.' Joseph O'Connor

Serous Cavity Fluid and Cerebrospinal Fluid Cytopathology Syed Z. Ali 2012-03-08 Cytologic diagnosis by examination of exfoliated cells in serous cavity fluids is one of the most challenging areas in clinical cytopathology. Almost 20% of the effusions examined are directly or indirectly related to the presence of malignant disease, with carcinoma of the lung as the most common underlying culprit. This volume published in the Essentials in Cytopathology book series will fulfill the need for an easy-to-use and authoritative synopsis of site specific topics in cytopathology. These guide books fit into the lab coat pocket, ideal for portability and quick reference. Each volume is heavily illustrated with a full color art program, while the text follows a user-friendly outline format.

Relativity, Gravitation and Cosmology Ta-Pei Cheng 2010-01 This book provides an introduction to Einstein's general theory of relativity. A "physics-first" approach is adopted so that interesting applications come before the more difficult task of solving the Einstein equation. The book includes extensive coverage of cosmology, and is designed to allow readers to study the subject alone.