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KEY=400 - ERICKSON DWAYNE

Orbital Mechanics for Engineering Students

Elsevier Orbital Mechanics for Engineering Students, Second Edition, provides an introduction to the basic concepts of space mechanics. These include vector kinematics in three dimensions; Newton's laws of motion and gravitation; relative motion; the vector-based solution of the classical two-body problem; derivation of Kepler's equations; orbits in three dimensions; preliminary orbit determination; and orbital maneuvers. The book also covers relative motion and the two-impulse rendezvous problem; interplanetary mission design using patched conics; rigid-body dynamics used to characterize the attitude of a space vehicle; satellite attitude dynamics; and the characteristics and design of multi-stage launch vehicles. Each chapter begins with an outline of key concepts and concludes with problems that are based on the material covered. This text is written for undergraduates who are studying orbital mechanics for the first time and have completed courses in physics, dynamics, and mathematics, including differential equations and applied linear algebra. Graduate students, researchers, and experienced practitioners will also find useful review materials in the book. NEW: Reorganized and improved discussions of coordinate systems, new discussion on perturbations and quaternions NEW: Increased coverage of attitude dynamics, including new Matlab algorithms and examples in chapter 10 New examples and homework problems

Aircraft Weight and Balance Handbook

Learn Sociology

Jones & Bartlett Publishers Learn Sociology creates a new paradigm for student-centered learning in introductory sociology courses. Written with 21st century students in mind, this text presents introductory sociology content in a highly interactive format that is both easy to use and highly compatible with digital applications. Drawing on best practices in educational pedagogy, Learn Sociology emphasizes "immersive learning," an approach that pairs critical analysis of sociological concepts with examples from everyday life to engage students actively with the material. Weaved through the text are recurring themes that put sociology into context, such as social structure, social control, social inequality, the social construction of reality, scientific knowledge, and social change. Learn Sociology optimizes learning through enhanced coverage, study, testing, and review while emphasizing the "applying" that reinforces comprehension. Based on a modular concept format, each chapter in Learn Sociology addresses a major concept in the introductory sociology curriculum. Associated with each module are key learning objectives, preview statements, illustrations, and a concept learning check assessment. With Learn Sociology, students have access to immediate computer-based feedback on essay questions that helps them practice writing and revising, reason critically, and grapple with real-world issues. All content in Learn Sociology is highly visual, current, and easy to understand while avoiding distracting and off-topic material. Visual overviews play to dynamic learning and underscore important points. The result is an introductory sociology curriculum that is engaging, consistent, and complete while providing students with a roadmap for learning, reviewing and self-assessment.

The Boeing 737 Technical Guide

This is an illustrated technical guide to the Boeing 737 aircraft. Containing extensive explanatory notes, facts, tips and points of interest on all aspects of this hugely successful airliner and showing its technical evolution from its early design in the 1960s through to the latest advances in the MAX. The book provides detailed descriptions of systems, internal and external components, their locations and functions, together with pilots notes and technical specifications. It is illustrated with over 500 photographs, diagrams and schematics. Chris Brady has written this book after many years developing the highly successful and informative Boeing 737 Technical Site, known throughout the world by pilots, trainers and engineers as the most authoritative open source of information freely available about the 737.

Aircraft Weight and Balance Handbook

FAA-H-8083-1A

Simon and Schuster The Aircraft Weight and Balance Handbook is the official U.S. government guidebook for pilots, flight crews, and airplane mechanics. Beginning with the basic principles of aircraft weight and balance control, this manual goes on to cover in exacting detail the procedures for weighing aircraft. It also offers a thorough discussion of the methods used to determine the location

of an aircraft's empty weight and center of gravity (CG), including information for an A&P mechanic to determine weight changes caused by repairs or alterations. With instructions for conducting adverse-loaded CG checks and for determining the amount and location of ballast needed to bring CG within allowable limits, the Aircraft Weight and Balance Handbook is essential for anyone who wishes to safely weigh and fly aircraft of all kinds.

A TEXTBOOK OF CHEMICAL ENGINEERING THERMODYNAMICS

PHI Learning Pvt. Ltd. Designed as an undergraduate-level textbook in Chemical Engineering, this student-friendly, thoroughly classroom tested book, now in its second edition, continues to provide an in-depth analysis of chemical engineering thermodynamics. The book has been so organized that it gives comprehensive coverage of basic concepts and applications of the laws of thermodynamics in the initial chapters, while the later chapters focus at length on important areas of study falling under the realm of chemical thermodynamics. The reader is thus introduced to a thorough analysis of the fundamental laws of thermodynamics as well as their applications to practical situations. This is followed by a detailed discussion on relationships among thermodynamic properties and an exhaustive treatment on the thermodynamic properties of solutions. The role of phase equilibrium thermodynamics in design, analysis, and operation of chemical separation methods is also deftly dealt with. Finally, the chemical reaction equilibria are skillfully explained. Besides numerous illustrations, the book contains over 200 worked examples, over 400 exercise problems (all with answers) and several objective-type questions, which enable students to gain an in-depth understanding of the concepts and theory discussed. The book will also be a useful text for students pursuing courses in chemical engineering-related branches such as polymer engineering, petroleum engineering, and safety and environmental engineering. New to This Edition • More Example Problems and Exercise Questions in each chapter • Updated section on Vapour-Liquid Equilibrium in Chapter 8 to highlight the significance of equations of state approach • GATE Questions up to 2012 with answers

The Forgotten 500

The Untold Story of the Men Who Risked All for the Greatest Rescue Mission of World War II

Penguin The astonishing, never before told story of the greatest rescue mission of World War II—when the OSS set out to recover more than 500 airmen trapped behind enemy lines in Yugoslavia... During a bombing campaign over Romanian oil fields, hundreds of American airmen were shot down in Nazi-occupied Yugoslavia. Local Serbian farmers and peasants risked their own lives to give refuge to the soldiers while they waited for rescue, and in 1944, Operation Halyard was born. The risks were incredible. The starving Americans in Yugoslavia had to construct a landing strip large enough for C-47 cargo planes—without tools, without alerting the Germans, and without endangering the villagers. And the cargo planes had to make it through enemy airspace and back—without getting shot down themselves. Classified for over half a century for political reasons, the full account of this unforgettable story of loyalty, self-sacrifice, and bravery is now being told for the first time ever. *The Forgotten 500* is the gripping, behind-the-scenes look at the greatest escape of World War II. "Amazing [and] riveting."—James Bradley, New York Times bestselling author of *Flags of Our Fathers*

Marx's Economic Manuscript of 1864-1865

BRILL The publication of an English translation of Marx's original manuscript is an important event in Marxian scholarship. English-speaking Marxist scholars can finally compare Engels's Volume III with Marx's original manuscript and evaluate for themselves the significance of the differences.

Guidelines for Drinking-water Quality

World Health Organization This volume describes the methods used in the surveillance of drinking water quality in the light of the special problems of small-community supplies, particularly in developing countries, and outlines the strategies necessary to ensure that surveillance is effective.

Report of the Presidential Commission on the Space Shuttle Challenger Accident

DIANE Publishing Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.

Guide for the Care and Use of Laboratory Animals

Eighth Edition

National Academies Press A respected resource for decades, the *Guide for the Care and Use of Laboratory Animals* has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment, husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and pain recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations such as drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The *Guide for the Care and Use of Laboratory Animals* provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

Airframe and Powerplant Mechanics Powerplant Handbook

Power System Optimization Modeling in GAMS

Springer This unique book describes how the General Algebraic Modeling System (GAMS) can be used to solve various power system operation and planning optimization problems. This book is the first of its kind to provide readers with a comprehensive reference that includes the solution codes for basic/advanced power system optimization problems in GAMS, a computationally efficient tool for analyzing optimization problems in power and energy systems. The book covers theoretical background as well as the application examples and test case studies. It is a suitable reference for dedicated and general audiences including power system professionals as well as researchers and developers from the energy sector and electrical power engineering community and will be helpful to undergraduate and graduate students.

Aircraft Maintenance Incident Analysis

How Tobacco Smoke Causes Disease

The Biology and Behavioral Basis for Smoking-attributable Disease : a Report of the Surgeon General

U.S. Government Printing Office This report considers the biological and behavioral mechanisms that may underlie the pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Radiotelephony Manual

Environmental Life Cycle Assessment (Open Access)

CRC Press Environmental Life Cycle Assessment is a pivotal guide to identifying environmental problems and reducing related impacts for companies and organizations in need of life cycle assessment (LCA). LCA, a unique sustainability tool, provides a framework that addresses a growing demand for practical technological solutions. Detailing each phase of the LCA methodology, this textbook covers the historical development of LCA, presents the general principles and characteristics of LCA, and outlines the corresponding

standards for good practice determined by the International Organization for Standardization. It also explains how to identify the critical aspects of an LCA, provides detailed examples of LCA analysis and applications, and includes illustrated problems and solutions with concrete examples from water management, electronics, packaging, automotive, and other industries. In addition, readers will learn how to: Use consistent criteria to realize and evaluate an LCA independently of individual interests Understand the LCA methodology and become familiar with existing databases and methods based on the latest results of international research Analyze and critique a completed LCA Apply LCA methodology to simple case studies Geared toward graduate and undergraduate students studying environmental science and industrial ecology, as well as practicing environmental engineers, and sustainability professionals who want to teach themselves LCA good practices, *Environmental Life Cycle Assessment* demonstrates how to conduct environmental assessments for products throughout their life cycles. It presents existing methods and recent developments in the growing field of LCA and systematically covers goal and system definition, life cycle inventory, life cycle impact assessment, and interpretation.

Generalized Additive Models

An Introduction with R

CRC Press Now in widespread use, generalized additive models (GAMs) have evolved into a standard statistical methodology of considerable flexibility. While Hastie and Tibshirani's outstanding 1990 research monograph on GAMs is largely responsible for this, there has been a long-standing need for an accessible introductory treatment of the subject that also emphasizes recent penalized regression spline approaches to GAMs and the mixed model extensions of these models. *Generalized Additive Models: An Introduction with R* imparts a thorough understanding of the theory and practical applications of GAMs and related advanced models, enabling informed use of these very flexible tools. The author bases his approach on a framework of penalized regression splines, and builds a well-grounded foundation through motivating chapters on linear and generalized linear models. While firmly focused on the practical aspects of GAMs, discussions include fairly full explanations of the theory underlying the methods. Use of the freely available R software helps explain the theory and illustrates the practicalities of linear, generalized linear, and generalized additive models, as well as their mixed effect extensions. The treatment is rich with practical examples, and it includes an entire chapter on the analysis of real data sets using R and the author's add-on package *mgcv*. Each chapter includes exercises, for which complete solutions are provided in an appendix. Concise, comprehensive, and essentially self-contained, *Generalized Additive Models: An Introduction with R* prepares readers with the practical skills and the theoretical background needed to use and understand GAMs and to move on to other GAM-related methods and models, such as SS-ANOVA, P-splines, backfitting and Bayesian approaches to smoothing and additive modelling.

Recommended Minimum Requirements for Plumbing

Report of Subcommittee on Plumbing of the Building Code Committee

Principles of Radiation Interaction in Matter and Detection

World Scientific This book, like the first and second editions, addresses the fundamental principles of interaction between radiation and matter and the principles of particle detection and detectors in a wide scope of fields, from low to high energy, including space physics and medical environment. It provides abundant information about the processes of electromagnetic and hadronic energy deposition in matter, detecting systems, performance of detectors and their optimization. The third edition includes additional material covering, for instance: mechanisms of energy loss like the inverse Compton scattering, corrections due to the Landau-Pomeranchuk-Migdal effect, an extended relativistic treatment of nucleus-nucleus screened Coulomb scattering, and transport of charged particles inside the heliosphere. Furthermore, the displacement damage (NIEL) in semiconductors has been revisited to account for recent experimental data and more comprehensive comparisons with results previously obtained. This book will be of great use to graduate students and final-year undergraduates as a reference and supplement for courses in particle, astroparticle, space physics and instrumentation. A part of the book is directed toward courses in medical physics. The book can also be used by researchers in experimental particle physics at low, medium, and high energy who are dealing with instrumentation. *Errata(s)* Errata Contents: Electromagnetic Interaction of Radiation in Matter Nuclear Interactions in Matter Radiation Environments and Damage in Silicon Semiconductors Scintillating Media and Scintillator Detectors Solid State Detectors Displacement Damage and Particle Interactions in Silicon Devices Gas Filled Chambers Principles of Particle Energy Determination Superheated Droplet (Bubble) Detectors and CDM Search Medical Physics Applications Readership: Researchers, academics, graduate students and professionals in accelerator, particle, astroparticle, space, applied and medical physics. Keywords: Interactions Between Radiation/Particles and Matter; High; Intermediate and Low Energy Particle Physics; Medical Physics; Radiation/Particle Detection; Space Physics; Detectors; Semiconductors; Calorimeters; Chambers; Scintillators; Silicon Pixels; Radiation Damage; Single Event Effects; Solar Cells Key Features: Covers state-of-the-art detection techniques and underlying theories Addresses topics of considerable use for professionals in medical physics, nuclear engineering, and environmental studies Contains an updated reference table set of physical

properties

Precalculus

"Precalculus is intended for college-level precalculus students. Since precalculus courses vary from one institution to the next, we have attempted to meet the needs of as broad an audience as possible, including all of the content that might be covered in any particular course. The result is a comprehensive book that covers more ground than an instructor could likely cover in a typical one- or two-semester course; but instructors should find, almost without fail, that the topics they wish to include in their syllabus are covered in the text. Many chapters of OpenStax College Precalculus are suitable for other freshman and sophomore math courses such as College Algebra and Trigonometry; however, instructors of those courses might need to supplement or adjust the material. OpenStax will also be releasing College Algebra and Algebra and trigonometry titles tailored to the particular scope, sequence, and pedagogy of those courses."--Preface.

Primary and Secondary Education During Covid-19

Disruptions to Educational Opportunity During a Pandemic

Springer Nature This open access edited volume is a comparative effort to discern the short-term educational impact of the covid-19 pandemic on students, teachers and systems in Brazil, Chile, Finland, Japan, Mexico, Norway, Portugal, Russia, Singapore, Spain, South Africa, the United Kingdom and the United States. One of the first academic comparative studies of the educational impact of the pandemic, the book explains how the interruption of in person instruction and the variable efficacy of alternative forms of education caused learning loss and disengagement with learning, especially for disadvantaged students. Other direct and indirect impacts of the pandemic diminished the ability of families to support children and youth in their education. For students, as well as for teachers and school staff, these included the economic shocks experienced by families, in some cases leading to food insecurity and in many more causing stress and anxiety and impacting mental health. Opportunity to learn was also diminished by the shocks and trauma experienced by those with a close relative infected by the virus, and by the constraints on learning resulting from students having to learn at home, where the demands of schoolwork had to be negotiated with other family necessities, often sharing limited space. Furthermore, the prolonged stress caused by the uncertainty over the resolution of the pandemic and resulting from the knowledge that anyone could be infected and potentially lose their lives, created a traumatic context for many that undermined the necessary focus and dedication to schoolwork. These individual effects were reinforced by community effects, particularly for students and teachers living in communities where the multifaceted negative impacts resulting from the pandemic were pervasive. This is an open access book.

Evaluation in Health Promotion

Principles and Perspectives

WHO Regional Office Europe This book is the result of the WHO European Working Group on Health Promotion Evaluation which examined the current range of qualitative and quantitative evaluation methods to provide guidance to policy-makers and practitioners. It includes an extensive c

An Introduction to Geological Structures and Maps

Springer Science & Business Media

Safety on Board

Safety on Board is a book which pictures safety cards from over 250 different British operators together with a brief description of who they were. The book goes as far back as the earliest known safety cards in the world from Imperial Airways right up to the present day. It covers airlines, helicopter operators, air taxi, military and manufacturers. It has over 600 high quality images of safety cards, including many very rare such as all of the British Concorde prototypes; several Comets, Vikings and all of the known Imperial Airways, BOAC and BEA safety cards. If you are a collector of safety cards or just interested in British airline history this is the book for you.

Small-Scale Aquaponic Food Production

Fao Aquaponics is the integration of aquaculture and soilless culture in a closed production system. This manual details aquaponics for small-scale production--predominantly for home use. It is divided into nine chapters and seven annexes, with each chapter dedicated to an individual module of aquaponics. The target audience for this manual is agriculture extension agents, regional fisheries officers, non-governmental organizations, community organizers, government ministers, companies and singles worldwide. The intention is to bring a general understanding of aquaponics to people who previously may have only known about one aspect.

Numerical Methods in Scientific Computing:

Volume 1

SIAM This work addresses the increasingly important role of numerical methods in science and engineering. It combines traditional and well-developed topics with other material such as interval arithmetic, elementary functions, operator series, convergence acceleration, and continued fractions.

Chemical Engineering Thermodynamics II

This course aims to connect the principles, concepts, and laws/postulates of classical and statistical thermodynamics to applications that require quantitative knowledge of thermodynamic properties from a macroscopic to a molecular level. It covers their basic postulates of classical thermodynamics and their application to transient open and closed systems, criteria of stability and equilibria, as well as constitutive property models of pure materials and mixtures emphasizing molecular-level effects using the formalism of statistical mechanics. Phase and chemical equilibria of multicomponent systems are covered. Applications are emphasized through extensive problem work relating to practical cases.

File System Forensic Analysis

Addison-Wesley Professional The Definitive Guide to File System Analysis: Key Concepts and Hands-on Techniques Most digital evidence is stored within the computer's file system, but understanding how file systems work is one of the most technically challenging concepts for a digital investigator because there exists little documentation. Now, security expert Brian Carrier has written the definitive reference for everyone who wants to understand and be able to testify about how file system analysis is performed. Carrier begins with an overview of investigation and computer foundations and then gives an authoritative, comprehensive, and illustrated overview of contemporary volume and file systems: Crucial information for discovering hidden evidence, recovering deleted data, and validating your tools. Along the way, he describes data structures, analyzes example disk images, provides advanced investigation scenarios, and uses today's most valuable open source file system analysis tools—including tools he personally developed. Coverage includes Preserving the digital crime scene and duplicating hard disks for "dead analysis" Identifying hidden data on a disk's Host Protected Area (HPA) Reading source data: Direct versus BIOS access, dead versus live acquisition, error handling, and more Analyzing DOS, Apple, and GPT partitions; BSD disk labels; and Sun Volume Table of Contents using key concepts, data structures, and specific techniques Analyzing the contents of multiple disk volumes, such as RAID and disk spanning Analyzing FAT, NTFS, Ext2, Ext3, UFS1, and UFS2 file systems using key concepts, data structures, and specific techniques Finding evidence: File metadata, recovery of deleted files, data hiding locations, and more Using The Sleuth Kit (TSK), Autopsy Forensic Browser, and related open source tools When it comes to file system analysis, no other book offers this much detail or expertise. Whether you're a digital forensics specialist, incident response team member, law enforcement officer, corporate security specialist, or auditor, this book will become an indispensable resource for forensic investigations, no matter what analysis tools you use.

Domestic Workers Across the World

Global and Regional Statistics and the Extent of Legal Protection

International Labour Organisation This publication sheds light on the magnitude of domestic work, a sector often "invisible" behind the doors of private households and unprotected by national legislation. The adoption of new international labour standards on domestic work (Convention No. 189 and its accompanying Recommendation No. 201) by the ILO at its 100th International Labour Conference in June 2011 represents a key milestone on the path to the realisation of decent work for domestic workers. This volume presents national statistics and new global and regional estimates on the number of domestic workers. It shows that domestic workers represent a significant share of the labour force worldwide and that domestic work is an important source of wage employment for women, especially in Latin America and Asia. It also examines the extent of inclusion or exclusion of domestic workers from key working conditions laws. In particular, it analyses how many domestic workers are covered by working time provisions, minimum wage legislation and maternity protection. The results demonstrate that under current national laws, substantial gaps in protection still remain. The volume concludes with a summary of the main findings and a reflection on the relevance of the newly adopted international standards to extend legal protection to domestic workers.

Algorithms

Molecular Biology of the Cell

Power Piping

The Complete Guide to ASME B31.1

American Society of Mechanical Engineers This essential new volume provides background information, historical perspective, and expert commentary on the ASME B31.1 Code requirements for power piping design and construction. It provides the most complete coverage of the Code that is available today and is packed with additional information useful to those responsible for the design and mechanical integrity of power piping. The author, Dr. Becht, is a long-serving member of ASME piping code committees and is the author of the highly successful book, *Process Piping: The Complete Guide to ASME B31.3*, also published by ASME Press and now in its third edition. Dr. Becht explains the principal intentions of the Code, covering the content of each of the Code's chapters. Book inserts cover special topics such as spring design, design for vibration, welding processes and bonding processes. Appendices in the book include useful information for pressure design and flexibility analysis as well as guidelines for computer flexibility analysis and design of piping systems with expansion joints. From the new designer wanting to know how to size a pipe wall thickness or design a spring to the expert piping engineer wanting to understand some nuance or intent of the Code, everyone whose career involves process piping will find this to be a valuable reference.

Cambridge International AS & A Level Mathematics Probability & Statistics 1

Hachette UK Exam board: Cambridge Assessment International Education Level: A-level Subject: Mathematics First teaching: September 2018 First exams: Summer 2020 Endorsed by Cambridge Assessment International Education to provide full support for Paper 5 of the syllabus for examination from 2020. Take mathematical understanding to the next level with this accessible series, written by experienced authors, examiners and teachers. - Improve confidence as a mathematician with clear explanations, worked examples, diverse activities and engaging discussion points. - Advance problem-solving, interpretation and communication skills through a wealth of questions that promote higher-order thinking. - Prepare for further study or life beyond the classroom by applying mathematics to other subjects and modelling real-world situations. - Reinforce learning with opportunities for digital practice via links to the Mathematics in Education and Industry's (MEI) Integral platform in the eTextbooks.* *To have full access to the eTextbooks and Integral resources you must be subscribed to both Dynamic Learning and Integral. To trial our eTextbooks and/or subscribe to Dynamic Learning, visit: www.hoddereducation.co.uk/dynamic-learning; to view samples of the Integral resources and/or subscribe to Integral, visit integralmaths.org/international Please note that the Integral resources have not been through the Cambridge International endorsement process. This book covers the syllabus content for Probability and Statistics 1, including representation of data, permutations and combinations, probability, discrete random variables and the normal distribution. Available in this series: Five textbooks fully covering the latest Cambridge International AS & A Level Mathematics syllabus (9709) are accompanied by a Workbook, and Student and Whiteboard eTextbooks. Pure Mathematics 1: Student Textbook (ISBN 9781510421721), Student eTextbook (ISBN 9781510420762), Whiteboard eTextbook (ISBN 9781510420779), Workbook (ISBN 9781510421844) Pure Mathematics 2 and 3: Student Textbook (ISBN 9781510421738), Student eTextbook (ISBN 9781510420854), Whiteboard eTextbook (ISBN 9781510420878), Workbook (ISBN 9781510421851) Mechanics: Student Textbook (ISBN 9781510421745), Student eTextbook (ISBN 9781510420953), Whiteboard eTextbook (ISBN 9781510420977), Workbook (ISBN 9781510421837) Probability & Statistics 1: Student Textbook (ISBN 9781510421752), Student eTextbook (ISBN 9781510421066), Whiteboard eTextbook (ISBN 9781510421097), Workbook (ISBN 9781510421875) Probability & Statistics 2: Student Textbook (ISBN 9781510421776), Student eTextbook (ISBN 9781510421158), Whiteboard eTextbook (ISBN 9781510421165), Workbook (9781510421882)

2000 HSC Code

International Code of Safety for High-Speed Craft, 2000

The International Code of Safety for High-Speed Craft, 2000 (2000 HSC Code) applies to craft for which the keels are laid, or which are at a similar stage of construction, on or after 1 July 2002. The application of the both HSC Codes is mandatory under chapter X of the SOLAS Convention. This edition incorporates amendments that were adopted in 2004 and 2006.--Publisher's description.

Engaging Employers in Apprenticeship Opportunities

This joint OECD-ILO publication provides guidance on how local and regional governments can foster business-education partnerships in apprenticeship programmes and other types of work-based learning, drawing on case studies across nine countries. There has been increasing interest in apprenticeships which combine on the job training with classroom-based study, providing a smooth transition from school to work. There are benefits to both individuals and employers from participating in apprenticeships, including increased productivity and job quality. Successful implementation is contingent on having a high level of employer engagement at the local level, notably in the design, development and delivery of programmes.

IBM Tape Library Guide for Open Systems

Abstract This IBM® Redbooks® publication presents a general introduction to the latest IBM tape and tape library technologies. Featured tape technologies include the IBM LTO Ultrium and Enterprise 3592 tape drives, and their implementation in IBM tape libraries. This 15th edition includes information about the latest TS4300 Ultrium tape library, TS1155 Enterprise tape drive, and the IBM Linear Tape-Open (LTO) Ultrium 8 tape drive, along with technical information about each IBM tape product for open systems. It includes generalized sections about Small Computer System Interface (SCSI) and Fibre Channel connections, and multipath architecture configurations. This book also covers tools and techniques for library management. It is intended for anyone who wants to understand more about IBM tape products and their implementation. It is suitable for IBM clients, IBM Business Partners, IBM specialist sales representatives, and technical specialists. If you do not have a background in computer tape storage products, you might need to read other sources of information. In the interest of being concise, topics that are generally understood are not covered in detail.

Shooting the Stickbow

A Practical Approach to Classical Archery, Third Edition

Shooting the Stickbow is the first comprehensive treatise on shooting modern recurves and longbows! It answers questions most asked by new archers and delves into topics not often considered, but critical to precision shooting for experienced authors. Topics include: equipment choices - bows, arrow, strings, shooting tabs and gloves, armguards, sights and stabilizers and necessary accessories shooting form - anchoring, should alignment, back tension, breathing, variations in technique and more tuning - methods of visual, paper, bare shaft, walk-back and group tuning are described and compared aiming - six methods of aiming are fully compared and contrasted, including "instinctive" aiming physical and mental aspects of becoming a proficient archer - functional anatomy for the archer and how it relates to proper form and efficient shooting; techniques are given to optimize the archer's focus, confidence and how to prepare for the big event transitioning to Olympic archery - how to turn basic skills into reaching the gold at 70 meters teaching and coaching - how to find a good instructor or coach and how to approach teaching both new and experienced shooters archery history - dating back from the 1960s and 70s; what's changed and what hasn't Visit us at www.shootingthestickbow.com

Long Walk To Freedom

Hachette UK These memoirs from one of the great leaders of our time are 'essential reading for anyone who wants to understand history - and then go out and change it' Barack Obama The riveting memoirs of the outstanding moral and political leader of our time, Long Walk to Freedom brilliantly re-creates the drama of the experiences that helped shape Nelson Mandela's destiny. Emotive, compelling and uplifting, Long Walk to Freedom is the exhilarating story of an epic life; a story of hardship, resilience and ultimate triumph told with the clarity and eloquence of a born leader. 'Enthralling . . . Mandela emulates the few great political leaders such as Lincoln and Gandhi, who go beyond mere consensus and move out ahead of their followers to break new ground' Sunday Times 'The authentic voice of Mandela shines through this book . . . humane, dignified and magnificently unembittered' The Times 'Burns with the luminosity of faith in the invincible nature of human hope and dignity . . . Unforgettable' Andre Brink

Probability and Statistics for Engineering and the Sciences + Enhanced Webassign Access