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Classical Mechanics Cambridge University Press
Known for its accessible, precise approach, Epp's DISCRETE MATHEMATICS WITH APPLICATIONS, 5th Edition, introduces discrete mathematics with clarity and precision. Coverage emphasizes the major themes of discrete mathematics as well as the reasoning that underlies mathematical thought. Students learn to think abstractly as they study the ideas of logic and proof. While learning about logic circuits and computer addition, algorithm analysis, recursive thinking, computability, automata, cryptography and combinatorics, students discover that ideas of discrete mathematics underlie and are essential to today ' s science and technology. The author ' s emphasis on reasoning provides a foundation for computer science and upper-level mathematics courses. Important Notice: Media content referenced within the

product description or the product text may not be available in the ebook version.

Energy: Its Use and the Environment W. H. Freeman
Our economy and future way of life depend on how well American manufacturing managers adapt to the dynamic, globally competitive landscape and evolve their firms to keep pace. A major challenge is how to structure the firms environment so that it attains the speed and low cost of high-volume flow lines while retaining the flexibility and customization potential of a low-volume job shop. The books three parts are organized according to three categories of skills required by managers and engineers: basics, intuition, and synthesis. Part I reviews traditional operations management techniques and identifies the necessary components of the science of manufacturing. Part II presents the core concepts of the book, beginning with the structure of the science of manufacturing and a discussion of the systems approach to problem solving. Other topics include behavioral tendencies of manufacturing plants, push and pull production systems, the human element in operations management, and the relationship between quality and operations. Chapter conclusions include main points and observations framed as manufacturing laws. In Part III, the lessons of Part I and the laws of Part II are applied to address specific manufacturing management issues in detail. The authors compare and contrast common problems, including shop floor control, long-range aggregate planning,

workforce planning and capacity management. A main focus in Part III is to help readers visualize how general concepts in Part II can be applied to specific problems. Written for both engineering and management students, the authors demonstrate the effectiveness of a rule-based and data driven approach to operations planning and control. They advance an organized framework from which to evaluate management practices and develop useful intuition about manufacturing systems.

A Guide to SQL W. W. Norton & Company

This very successful textbook is distinguished by a superior writing style that draws upon common student experiences to introduce economic concepts, making economic theory more accessible and interesting. Case Studies and numerous examples take advantage of students' intuitive knowledge of economics, building upon real-life situations. A streamlined design places pedagogy and illustrations directly within the flow of the text, making them less distracting and more useful for students. A fully integrated program of technology enhancements sets this text apart by pairing the book with numerous online multimedia learning tools that have been developed to help the text better serve a wide range of learning styles. The text uniquely integrates classroom use of The Wall Street Journal by including in-text pedagogy to help readers learn to analyze the latest economic events as reported in the Journal. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Applied Calculus, Enhanced Review Edition Pearson Education India

An example of a business that one can start from home is writing. I am writing this book lying down on my bed with my computer tilted on my laps for balance. If I sell 50 copies of this book a month and make a profit of \$2.78c on each book, that would be \$139 a month from one book without my sweating about it because I only wrote the book once, but the sales continue month after month. Remember, I have written

many books and I am still writing. So, let's say that in total, I sell 1,000 copies of all my books combined, with \$2.78 profit on each copy every month (and I do make up to \$10 per book on some), you do the math of how much my work at home job could give me every month. In the writing business, I do not need a receptionist or an office to rent. I just need my computer, my brain and self-discipline. You can see all my books at my website: www.janejohn-nwankwo.com
Differential Equations for Engineers
Elsevier

How Things Work provides an accessible introduction to physics for the non-science student. Like the previous editions it employs everyday objects, with which students are familiar, in case studies to explain the most essential physics concepts of day-to-day life. Lou Bloomfield takes seemingly highly complex devices and strips away the complexity to show how at their heart are simple physics ideas. Once these concepts are understood, they can be used to understand the behavior of many devices encountered in everyday life. The sixth edition uses the power of WileyPLUS Learning Space with Orion to give students the opportunity to actively practice the physics concepts presented in this edition. This text is an unbound, three hole punched version. Access to WileyPLUS sold

separately.

How Things Work Cambridge University Press

TV artist and teacher Hazel Soan is well known for her watercolours of Africa. This illustrated guide is both a safari through her beloved southern Africa and an instructional journey through a range of subjects, showing different ways to see and paint them. Aimed at the more practised painter, this is an useful book for the reader looking to add adventure to their painting. Focusing on the popular medium of watercolour, Hazel travels through South Africa, Namibia, Botswana and Zimbabwe, getting to know her destinations by painting them. As the journey unfolds, she presents a series of painting projects.

Surveying, 6th Edition Cengage Learning

Edition after edition, Atkins and de Paula's #1 bestseller remains the most contemporary, most effective full-length textbook for courses covering thermodynamics in the first semester and quantum mechanics in the second semester. Its molecular view of physical chemistry, contemporary applications, student friendly pedagogy, and strong problem-solving emphasis make it particularly well-suited for pre-meds, engineers, physics, and chemistry students. Now organized into briefer, more manageable topics, and featuring additional applications and mathematical guidance, the new edition helps students learn more effectively, while allowing instructors to teach the way they want. Available in Split Volumes For maximum flexibility in your physical chemistry course, this

text is now offered as a traditional text or in two volumes: Volume 1: Thermodynamics and Kinetics: 1-4641-2451-5 Volume 2: Quantum Chemistry: 1-4641-2452-3

Oracle 12c: SQL Pearson Education India

"Calculus Volume 3 is the third of three volumes designed for the two- or three-semester calculus course. For many students, this course provides the foundation to a career in mathematics, science, or engineering."--

OpenStax, Rice University

Academic Press

This textbook presents an introduction to fundamental concepts of continuous-time and discrete-time signals and systems, in a self-contained manner.

Complex Variables and Applications Cengage Learning

Take calculus into the real world with APPLIED CALCULUS. Authors Waner and Costenoble make applied calculus easy to understand and relevant to your interests. And, this textbook interfaces with your graphing calculator and your home spreadsheet program. Plus it comes with AppliedCalculusNOW. After a simple pre-test, the AppliedCalculusNOW online learning system customizes all the exercises and class information around your individual needs. This edition also comes with Personal Tutor with SMARTTHINKING, which gives you access to one-on-

one, online tutoring help with an expert in the subject. And it gives you a virtual study group, too-interact with the tutor and other students using two-way audio, an interactive whiteboard for discussing the problem, and instant messaging. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Calculus: Early Transcendentals Courier Corporation

Strategic Management delivers an insightful and concise introduction to strategic management concepts utilizing a strong mix of real-world contemporary examples. Written in a conversational style, this product sparks ideas, fuels creative thinking and discussion, while engaging students with the concepts they are studying.

Groundwater Science Wiley Global Education

STEEL DESIGN covers the fundamentals of structural steel design with an emphasis on the design of members and their connections, rather than the integrated design of buildings. The book is designed so that instructors can easily teach LRFD, ASD, or both, time-permitting. The application of fundamental principles is encouraged for design procedures as well as for practical design, but a theoretical approach is also provided to enhance student development. While the book is intended for

junior-and senior-level engineering students, some of the later chapters can be used in graduate courses and practicing engineers will find this text to be an essential reference tool for reviewing current practices. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A Textbook of Graph Theory Waveland Press
System Dynamics includes the strongest treatment of computational software and system simulation of any available text, with its early introduction of MATLAB and Simulink. The text's extensive coverage also includes discussion of the root locus and frequency response plots, among other methods for assessing system behavior in the time and frequency domains as well as topics such as function discovery, parameter estimation, and system identification techniques, motor performance evaluation, and system dynamics in everyday life.

System Dynamics Univ Science Books

In its second edition, expanded with new chapters on domination in graphs and on the spectral properties of graphs, this book offers a solid background in the basics of graph theory. Introduces such topics as Dirac's theorem on k -connected graphs and more.

Continuous and Discrete Time Signals and Systems International Student Edition John Wiley and Sons
Pepall's *Industrial Organization: Contemporary Theory and Empirical Applications*, 5th Edition offers an accessible text in which topics are organized in a manner that motivates and facilitates progression from one chapter to the next. It serves as a complete, but concise, introduction to modern industrial economics. The text uniquely uses the tools of game theory, information economics, contracting issues, and practical examples to examine multiple facets of industrial organization. The fifth edition is more broadly accessible, balancing the tension between making modern industrial analysis accessible while also presenting the formal abstract modeling that gives the analysis its power. The more overtly mathematical content is presented in the *Contemporary Industrial Organization* text (aimed at the top tier universities) while this Fifth Edition will be less mathematical (aimed at a wider range of four-year colleges and state universities).

Electric Machines and Drives Cengage Learning
This book is part of a three-book series. Ned Mohan has been a leader in EES education and research for decades, as author of the best-selling text/reference *Power Electronics*. This book emphasizes applications of electric machines and drives that are essential for wind turbines and electric and hybrid-electric vehicles. The approach taken is unique in the following respects: A systems approach, where Electric Machines are covered in the context of the overall drives with

applications that students can appreciate and get enthusiastic about; A fundamental and physics-based approach that not only teaches the analysis of electric machines and drives, but also prepares students for learning how to control them in a graduate level course; Use of the space-vector-theory that is made easy to understand. They are introduced in this book in such a way that students can appreciate their physical basis; A unique way to describe induction machines that clearly shows how they go from the motoring-mode to the generating-mode, for example in wind and electric vehicle applications, and how they ought to be controlled for the most efficient operation.

Industrial Organization Cengage Learning
We see teaching mathematics as a form of story-telling, both when we present in a classroom and when we write materials for exploration and learning. The goal is to explain to you in a captivating manner, at the right pace, and in as clear a way as possible, how mathematics works and what it can do for you. We find mathematics to be intriguing and immensely beautiful. We want you to feel that way, too.

Factory Physics Springer Science & Business Media
Accessible but rigorous, this outstanding text encompasses all of the topics covered by a typical course in elementary abstract algebra. Its easy-to-read treatment offers an intuitive approach, featuring informal discussions followed by

thematically arranged exercises. This second edition features additional exercises to improve student familiarity with applications. 1990 edition.

Business Analytics Cengage Learning

This expanded, revised, and updated fourth edition of *Nuclear Energy* maintains the tradition of providing clear and comprehensive coverage of all aspects of the subject, with emphasis on the explanation of trends and developments. As in earlier editions, the book is divided into three parts that achieve a natural flow of ideas: Basic Concepts, including the fundamentals of energy, particle interactions, fission, and fusion; Nuclear Systems, including accelerators, isotope separators, detectors, and nuclear reactors; and Nuclear Energy and Man, covering the many applications of radionuclides, radiation, and reactors, along with a discussion of wastes and weapons. A minimum of mathematical background is required, but there is ample opportunity to learn characteristic numbers through the illustrative calculations and the exercises. An updated Solution Manual is available to the instructor. A new feature to aid the student is a set of some 50 Computer Exercises, using a diskette of personal computer programs in BASIC and spreadsheet, supplied by the author at a nominal cost. The book is of principal value as an introduction to nuclear science and technology for early college students, but can be of benefit to science teachers and lecturers, nuclear utility trainees and engineers in other fields.

Thomas' Calculus John Wiley & Sons

ENERGY: ITS USE AND THE ENVIRONMENT, Fifth Edition, emphasizes the physical principles behind energy and its effects on our environment. The text explains the basic physical principles behind the use of energy, including the study of mechanics, electricity and magnetism, thermodynamics, and atomic and nuclear physics. It also covers crucial environmental questions that currently are receiving much public attention, such as global warming, radioactive waste, municipal solid waste, and nuclear energy production materials. The text can be used in physics, technology, physical science, and environmental science courses for non-science majors. Many of the standard topics found in introductory physics textbooks are included. As a result, this book can be used as the text in a conceptual physics course with energy as the central theme. No math or other science prerequisite is

necessary. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.