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SHARP ASHER

The Simple Strategy - A Powerful Day Trading Strategy For Trading Futures, Stocks, ETFs and Forex Wiley Global Education Bob Blitzler has inspired thousands of students with his engaging approach to mathematics, making this beloved series the #1 in the market. Blitzler draws on his unique background in mathematics and behavioral science to present the full scope of mathematics with vivid applications in real-life situations. Students stay engaged because Blitzler often uses pop-culture and up-to-date references to connect math to students' lives, showing that their world is profoundly mathematical. This is the standalone book, if the student wants the book/access card order the ISBN below; 0321900774 / 9780321900777 Precalculus Essentials plus NEW MyMathLab with Pearson eText -- Access Card Package Package consists of: 0321431308 / 9780321431301 MyMathLab -- Glue-in Access Card 0321654064 / 9780321654069 MyMathLab Inside Star Sticker 0321729560 / 9780321729569 Precalculus Essentials ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. NOTE: Make sure to use the dashes shown on the Access Card Code when entering the code. Student can use the URL and phone number below to help answer their questions: <http://247pearsoned.custhelp.com/app/home> 800-677-6337

Elements of Petroleum Geology John Wiley & Sons From fundamental research to its application in the industry, this encyclopedia covers all aspects of electrochemistry. It provides both a comprehensive overview for electrochemists and an accessible look at electrochemical topics for users from other scientific disciplines. Volume 1 in this series offers a detailed examination of thermodynamics and electrified interfaces.

Advances in Spacecraft Attitude Control Springer Nature Nanotechnology provides tools for creating functional materials, devices, and systems by controlling materials at the atomic and molecular scales and making use of novel properties and phenomena. Nanotechnology-enabled sensors find applications in several fields such as health and safety, medicine, process control and diagnostics. This book provides the reader with information on how nanotechnology enabled sensors are currently being used and how they will be used in the future in such diverse fields as communications, building and facilities, medicine, safety, and security, including both homeland defense and military operations.

Solving ODEs with MATLAB Springer Spacecraft attitude maneuvers comply with Euler's moment equations, a set of three nonlinear, coupled differential equations. Nonlinearities complicate the mathematical treatment of the seemingly simple action of rotating, and these complications lead to a robust lineage of research. This book is meant for basic scientifically inclined readers, and commences with a chapter on the basics of spaceflight and leverages this remediation to reveal very advanced topics to new spaceflight enthusiasts. The topics learned from reading this text will prepare students and faculties to investigate interesting spaceflight problems in an era where cube satellites have made such investigations attainable by even small universities. It is the fondest hope of the editor and authors that readers enjoy this book.

Applied Stochastic Differential Equations Cengage Learning Precalculus is adaptable and designed to fit the needs of a variety of precalculus courses. It is a comprehensive text that covers more ground than a typical one- or two-semester college-level precalculus course. The content is organized by clearly-defined learning objectives, and includes worked examples that demonstrate problem-solving approaches in an accessible way. Coverage and Scope Precalculus contains twelve chapters, roughly divided into three groups. Chapters 1-4 discuss various types of functions, providing a foundation for the remainder of the course. Chapter 1: Functions Chapter 2: Linear Functions Chapter 3: Polynomial and Rational Functions Chapter 4: Exponential and Logarithmic Functions Chapters 5-8 focus on Trigonometry. In Precalculus, we approach trigonometry by first introducing angles and the unit circle, as opposed to the right triangle approach more commonly used in College Algebra and Trigonometry courses. Chapter 5: Trigonometric Functions Chapter 6: Periodic Functions Chapter 7: Trigonometric Identities and Equations

Chapter 8: Further Applications of Trigonometry Chapters 9-12 present some advanced Precalculus topics that build on topics introduced in chapters 1-8. Most Precalculus syllabi include some of the topics in these chapters, but few include all. Instructors can select material as needed from this group of chapters, since they are not cumulative. Chapter 9: Systems of Equations and Inequalities Chapter 10: Analytic Geometry Chapter 11: Sequences, Probability and Counting Theory Chapter 12: Introduction to Calculus

Introduction to Sol-Gel Processing Springer Elements of Petroleum Geology, Fourth Edition is a useful primer for geophysicists, geologists and petroleum engineers in the oil industry who wish to expand their knowledge beyond their specialized area. It is also an excellent introductory text for a university course in petroleum geoscience. This updated edition includes new case studies on non-conventional exploration, including tight oil and shale gas exploration, as well as coverage of the impacts on petroleum geology on the environment. Sections on shale reservoirs, flow units and containers, IOR and EOR, giant petroleum provinces, halo reservoirs, and resource estimation methods are also expanded. Written by a preeminent petroleum geologist and sedimentologist with decades of petroleum exploration in remote corners of the world Covers information pertinent to everyone working in the oil and gas industry, especially geophysicists, geologists and petroleum reservoir engineers Fully revised with updated references and expanded coverage of topics and new case studies

Big Ideas Math McGraw-Hill Professional BETTER BATTERIES Smaller, lighter, more powerful, and longer-lasting: the better battery is a much-sought commodity in the increasingly portable, ever-more-wireless world of electronics. Powering laptops, handhelds, cell phones, pagers, watches, medical devices, and many other modern necessities, batteries are crucial to today's cutting-edge technologies. BEST CHOICE FOR BATTERY DESIGN AND EVALUATION This definitive guide from top international experts provides the best technical guidance you can find on designing winning products and selecting the most appropriate batteries for particular applications. HANDBOOK OF BATTERIES covers the field from the tiniest batteries yet devised for life-critical applications to the large batteries required for electric and hybrid electric vehicles. EXPERT INFORMATION Edited by battery experts David Linden, battery consultant and editor of the first two editions, and Dr. Thomas Reddy, a pioneer in the lithium battery field, HANDBOOK OF BATTERIES updates you on current methods, helps you solve problems, and makes comparisons easier. Essential for professionals, valuable to hobbyists, and preferred as a consumer guide for battery purchasers, this the THE source for battery information. The only comprehensive reference in the field, HANDBOOK OF BATTERIES has more authoritative information than any other source: * Authored by a team of leading battery technology experts from around the globe * Covers the characteristics, properties, and performance of every major battery type * Entirely revised, including new information on Lithium Ion and Large Nickel Metal Hydride batteries, and portable fuel cells. This one-of-a-kind HANDBOOK helps you: * Apply leading-edge technologies, materials, and methods in new designs and products * Predict battery performance under any conditions * Have all the needed data and equations at your fingertips

Precalculus Essentials BoD - Books on Demand In Religion and the Making of Nigeria, Olufemi Vaughan examines how Christian, Muslim, and indigenous religious structures have provided the essential social and ideological frameworks for the construction of contemporary Nigeria. Using a wealth of archival sources and extensive Africanist scholarship, Vaughan traces Nigeria's social, religious, and political history from the early nineteenth century to the present. During the nineteenth century, the historic Sokoto Jihad in today's northern Nigeria and the Christian missionary movement in what is now southwestern Nigeria provided the frameworks for ethno-religious divisions in colonial society. Following Nigeria's independence from Britain in 1960, Christian-Muslim tensions became manifest in regional and religious conflicts over the expansion of sharia, in fierce competition among political elites for state power, and in the rise of Boko Haram. These tensions are not simply conflicts over religious beliefs, ethnicity, and regionalism; they represent structural imbalances founded on the religious divisions forged under colonial rule.

Electrochemistry Addison-Wesley Longman The field of antioxidant research has grown rapidly over the last

30 years and shows no sign of slowing down. In order to understand how antioxidants work, it is essential to understand how their activity is measured. However, antioxidant activity measurements are controversial and their value has been challenged. This book addresses a number of the controversies on antioxidant testing methods. Specifically, the book highlights the importance of context, helping the reader to decide what methods are most appropriate for different situations, how the results can be interpreted and what information may be inferred from the data. There are a multiplicity of methods for measuring activity, with no standardized method approved for in vitro or in vivo testing. In order to select an appropriate method, a thorough knowledge of the processes associated with reduction-oxidation is essential, leading to an improved understanding and use of activity measurements and the associated data. The book presents background information, in a unique style, which is designed to assist readers to grasp the fundamentals of redox processes, as well as thermodynamics and kinetics, which are essential to later chapters. Recovery and extraction of antioxidants from diverse matrices are presented in a clear and logical fashion along with methods used to determine antioxidant activity from a mechanistic perspective. Other chapters present current methodologies used for activity testing in different sample types ranging from foods and plants, to body fluids and even to packaging, but always with a strong emphasis on the nature of the sample and the underlying chemistry of the method. A number of emerging techniques for assessing antioxidant behaviour, namely, electrochemical methods, chip technology exploiting microfluidic devices, metabolomics plus studies of gene and protein expression, are examined. Ultimately, these techniques will be involved in generation of "big data" for which an understanding of chemometrics will be essential in drawing valid conclusions. The book is written to appeal to a wide audience, but will be particularly helpful for any researchers who are attempting to make sense of the vast literature and often conflicting messages on antioxidant activity.

Precalculus Cambridge University Press In this collection of interrelated essays, the authors review landmark developments in electrochemistry building on biographic material and personal insight. The book facilitates understanding of the innate pathways of developments in electrochemical science as a result of lucky circumstances fitting to objective conditions. Thus the book will help to understand the present state of electrochemistry and offer inspiration for solving today's scientific challenges. The authors as experienced electrochemists from the U.S., Western and Eastern Europe also provide guidance for scientific careers by presenting biographical examples of famous electrochemists.

Puzzling Algebra CRC Press IB Prepared resources are developed directly with the IB to provide the most up-to-date, authentic and authoritative guidance on DP assessment. IB Prepared: Physics combines a concise review of course content with strategic guidance, past paper material and exam-style practice opportunities, allowing learners to consolidate the knowledge and skills that are essential to succeed.

Nanotechnology-Enabled Sensors Oxford University Press, USA SAT MATH TEST BOOK *Electrochemistry in a Divided World* Wiley-VCH With this hands-on introduction readers will learn what SDEs are all about and how they should use them in practice.

Differential Equations Pearson Higher Ed Praise for the First Edition ". . . outstandingly appealing with regard to its style, contents, considerations of requirements of practice, choice of examples, and exercises." —Zentrablatt Math ". . . carefully structured with many detailed worked examples . . ." —The Mathematical Gazette ". . . an up-to-date and user-friendly account . . ." —Mathematika An Introduction to Numerical Methods and Analysis addresses the mathematics underlying approximation and scientific computing and successfully explains where approximation methods come from, why they sometimes work (or don't work), and when to use one of the many techniques that are available. Written in a style that emphasizes readability and usefulness for the numerical methods novice, the book begins with basic, elementary material and gradually builds up to more advanced topics. A selection of concepts required for the study of computational mathematics is introduced, and simple approximations using Taylor's Theorem are also treated in some depth. The text includes exercises that run the gamut from simple hand computations, to challenging derivations and minor proofs,

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

Encyclopedia of Espionage, Intelligence, and Security Springer

This book was written to provide math teachers with supplemental resources they can use in their classrooms. This book can also be used by students to improve their skills. Tutorials are included with many of the activities so you can learn at your own pace. Topics can be used for Alg 1 and 2, as well as Integrated Math I, II, and III. Topics include: order of operations, solving many types of equations, exponents, mult/divide scientific notation, percentages, distance formula, Pythagorean Theorem, area of triangles from determinants, basic circles, square roots, mean, median, mode, geometric mean, box and whisker plots, matrices (cryptography and inverses), plotting points, graphing circles, lines, and parabolas, long and synthetic division of polynomials, FOIL, Quadratic Formula, logarithms, factoring, and the Binary number system.

College Algebra in Context with Applications for the Managerial, Life, and Social Sciences SIAM

This book introduces finite difference methods for both ordinary differential equations (ODEs) and partial differential equations (PDEs) and discusses the similarities and differences between algorithm design and stability analysis for different types of equations. A unified view of stability theory for ODEs and PDEs is presented, and the interplay between ODE and PDE analysis is stressed. The text emphasizes standard classical methods, but several newer approaches also are introduced and are described in the context of simple motivating examples.

Finite Difference Methods for Ordinary and Partial Differential Equations Duke University Press

No. 29 offers new insights into the energies of activation of electrode reactions and the interfacial behavior of proteins. *An Introduction to Numerical Methods and Analysis* Elsevier

Learn A Powerful Day Trading Strategy In Less Than 60 Minutes A profitable trading strategy is the most important tool for a trader. This book explains a powerful trend-following day trading strategy for trading futures, stocks, ETFs and Forex. "The Simple Strategy" Is Easy To Understand And To Trade The Simple Strategy is very popular amongst traders for the following reasons: Clear Entry Rules When trading "The Simple Strategy", there's no second-guessing. As you will see, the entry rules are based on indicators - and these rules are black and white. Either the MACD is above the zero line or it isn't. And either the RSI is above 70 or it isn't. The entries are easy to identify and execute. That's why this strategy is called "The Simple Strategy" Clear Exit Rules When trading "The Simple Strategy" you'll know when to exit even before you enter the trade. So, you know exactly how much to risk on any given trade which is essential for precise position sizing and money management. Plus, you can put the trade on auto-pilot once your entry order is filled. This keeps trade management to a minimum. It's easy and simple. Taking advantage of small intraday trends These days trends are short-lived. The times when you could enter the market in the morning and exit the market in the afternoon are over. These days the markets can turn on a dime. Low trading commissions and computerized trading have destroyed the nice and long intraday trends. However, with "The Simple Strategy" you can take advantage of the small intraday trends that we are seeing in today's markets. You don't need a sophisticated trading software If you want to trade "The Simple Strategy", you only need a charting software with "basic" charting capabilities: Your charting software needs to be able to plot RANGE BARS, BOLLINGER BANDS, MACD and RSI. More than 90% of the charting software packages that are available today have these capabilities. There's no need to buy any proprietary indicators or expensive charting software! In short: "The Simple Strategy" can greatly simplify your trading. *** WARNING: This Book Is NOT For Everybody! *** Do NOT buy this book if... .. You Are Looking For The "Holy Grail" Because it doesn't exist! When trading "The Simple Strategy", there will be losses! Losses are part of our business as traders. The good news: If you follow the rules of "The Simple Strategy", then you will make more money on your profitable trades than you lose on

your losing trades. In fact, the risk/reward ratio of this strategy is 1: 1.5, so you can expect to make \$150 for every \$100 you risk. ... You Want To Automate Your Trading Strategies "The Simple Strategy" will give you clear entry signals, but it's up to YOU to decide if you want to take the signal. As an example, I personally do NOT trade right into a major report. And I only trade the first two hours after the markets open, since most trends occur during this time. Makes sense?

Silviculture in the Tropics Springer Science & Business Media

Gaining public attention due, in part, to their potential application as energy storage devices in cars, Lithium-ion batteries have encountered widespread demand, however, the understanding of lithium-ion technology has often lagged behind production. This book defines the most commonly encountered challenges from the perspective of a high-end lithium-ion manufacturer with two decades of experience with lithium-ion batteries and over six decades of experience with batteries of other chemistries. Authors with years of experience in the applied science and engineering of lithium-ion batteries gather to share their view on where lithium-ion technology stands now, what are the main challenges, and their possible solutions. The book contains real-life examples of how a subtle change in cell components can have a considerable effect on cell's performance. Examples are supported with approachable basic science commentaries. Providing a unique combination of practical know-how with an in-depth perspective, this book will appeal to graduate students, young faculty members, or others interested in the current research and development trends in lithium-ion technology. *North Carolina Math 3 EOC* Springer

This book constitutes the refereed post-conference proceedings of the 4th EAI International Conference on Innovations and Interdisciplinary Solutions for Underserved Areas, InterSol 2020, held in Nairobi, Kenya, in March 2020. Due to the COVID-19 pandemic the conference is postponed to a later date in 2020. The 20 papers presented were selected from 44 submissions and issue different problems in underserved and unserved areas. They face problems in almost all sectors such as energy, water, communication, climate, food, education, transportation, social development, and economic growth.