

Chevron Texaco Basic Engineering Starts

Gathers in one place descriptions of NIST's many programs, products, services, and research projects, along with contact names, phone numbers, and e-mail and World Wide Web addresses for further information. It is divided into chapters covering each of NIST's major operating units. In addition, each chapter on laboratory programs includes subheadings for NIST organizational division or subject areas. Covers: electronics and electrical engineering; manufacturing engineering; chemical science and technology; physics; technology.
Credit Engineering for BankersA Practical Guide for Bank LendingAcademic Press
Hart's E&P
Shell Hercules Offshore Project, Santa Barbara County
Chemical Engineering Progress
Decision of the Administrator of the Environmental Protection Agency Regarding Suspension of the 1975 Auto Emission Standards
Environmental Impact Statement
Carbon Dioxide Capture for Storage in Deep Geologic Formations - Results from the CO2 Capture Project

This completely revised and updated edition of Applied Risk Analysis includes new case studies in modeling risk and uncertainty as well as a new risk analysis CD-ROM prepared by Dr. Mun. On the CD-ROM you'll find his Risk Simulator and Real Options Super Lattice Solver software as well as many useful spreadsheet models.
"Johnathan Mun's book is a sparkling jewel in my finance library. Mun demonstrates a deep understanding of the underlying mathematical theory in his ability to reduce complex concepts to lucid explanations and applications. For this reason, he's my favorite writer in this field." —Janet Tavakoli, President, Tavakoli Structured Finance, Inc. and author of Collateralized Debt Obligations and Structured Finance
"A must-read for product portfolio managers . . . It captures the risk exposure of strategic investments, and provides management with estimates of potential outcomes and options for risk mitigation." —Rafael E. Gutierrez, Executive Director of Strategic Marketing and Planning, Seagate Technology, Inc.
"Once again, Dr. Mun has created a 'must-have, must-read' book for anyone interested in the practical application of risk analysis. Other books speak in academic generalities, or focus on one area of risk application. [This book] gets to the heart of the matter with applications for every area of risk analysis. You have a real option to buy almost any book?You should exercise your option and get this one!" —Glenn Kautt, MBA, CFP, EA, President and Chairman, The Monitor Group, Inc.
Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The Banker's Handbook on Credit Risk shows you how to comply with Basel II regulations on credit risk step by step, building on the basics in credit risk up to advanced credit risk methodologies. This advanced credit/risk management book takes a "new tools" approach to Basel II implementation. The hands-on applications covered in this book are vast, including areas of Basel II banking risk requirements (credit risk, credit spreads, default risk, value at risk, market risk, and so forth) and financial analysis (exotic options and valuation), to risk analysis (stochastic forecasting, risk-based Monte Carlo simulation, portfolio optimization) and real options analysis (strategic options and decision analysis). This book is targeted at banking practitioners and financial analysts who require the algorithms, examples, models, and insights in solving more advanced and even esoteric problems. The book comes complete with a DVD filled with sample modeling videos, case studies, and software applications to help the reader get started immediately. The various trial software applications included allows the reader to quickly access the approximately 670 modeling functions, 250 analytical model templates, and powerful risk-based simulation software to help in the understanding and learning of the concepts covered in the book, and also to use the embedded functions and algorithms in their own models. In addition, the reader can get started quickly in running risk-based Monte Carlo simulations, run advanced forecasting methods, and perform optimization on a myriad of situations, as well as structure and solve customized real options and financial options problems.
* Only book to show bankers step by step how to comply with Basel II regulations on credit risk
* Over 150 hands-on software applications included on the DVD accompanying the book, including sample modeling videos
* Provides all the latest quantitative tools

Departments of Transportation, and Housing and Urban Development, and Related Agencies Appropriations for 2011

NACE Journal

Advanced Analytical Models

Journal of Petroleum Technology

Credit Engineering for Bankers

Vol 1 - Capture and Separation of Carbon Dioxide from Combustion

Saudi Arabia: Doing Business and Investing in . . . Guide Volume 1 Strategic, Practical Information, Regulations, Contacts

Carbon Dioxide Capture for Storage in Deep Geologic Formations - Results from the CO2 Capture Project

Hearings: Ninety-third Congress, First Session

Environmental Engineering for Exploration and Production Activities

Hearing Before the Subcommittee on Energy of the Committee on Energy and Natural Resources, United States Senate, One Hundred Ninth Congress, First Session, to Receive Testimony Regarding the Prospects for Liquefied Natural Gas (LNG) in the United States and to Discuss the Safety and Security Issues Related to LNG Development, February 15, 2005

Problem-Solving Exercises in Green and Sustainable Chemistry

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, One Hundred Eleventh Congress, Second Session

Petroleum Review

If you're seeking solutions to advanced and even esoteric problems, Advanced Analytical Models goes beyond theoretical discussions of modeling by facilitating a thorough understanding of concepts and their real-world applications—including the use of embedded functions and algorithms. This reliable resource will equip you with all the tools you need to quantitatively assess risk in a range of areas, whether you are a risk manager, business decision-maker, or investor.

Africa and the African Diaspora is the outcome of a symposium held atPortland State University in Portland, Oregon (February 2002), entitled "Symposium on Freedom in Black History," designed to celebrate Black History Month. The major themes of the conference were how Africans both at home on the continent and dispersed abroad, often by forces beyond their control, reacted to oppression and subjugation in seeking freedom from slavery, colonialism, and discrimination. The volume documents the many forms that oppression has taken, the many forms that resistance has taken, and the cultural developments that have allowed Africans to adapt to the new and changing economic, social and environmental conditions to win back their freedom. Oppressive strategies as divide-and-rule could be based on any one of a number of features, such as skin color, place of origin, culture, or social or economic status. People drawn into the vortex of the Atlantic trade and funneled into the sugar fields, the swampy rice lands or the cotton, coffee or tobacco plantations of the new world and elsewhere, had no alternative but to risk their lives for freedom. The plantation provided the context for the dehumanization of disadvantaged groups subjected to exhausting work, frequent punishment and personal injustice of every kind, This book demonstrates that the history and interpretation of these struggles of the oppressed peoples to free themselves have not received proportionate attention and analysis, as have other aspects of that history.

Over 800 Models and 300 Applications from the Basel II Accord to Wall Street and Beyond

Implementing Basel II

Automotive Engineering International

Money, Politics, and Power in the 21st Century

Lubrication Engineering

Fundamentals of Information Systems

2011 Updated Reprint. Updated Annually. Saudi Arabia Export-Import Trade and Business Directory

Combining the latest research and most current coverage available into a succinct nine chapters, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E equips students with a solid understanding of the core principles of IS and how it is practiced. The streamlined 560-page eighth edition features a wealth of new examples, figures, references, and cases as it covers the latest developments from the field—and highlights their impact on the rapidly changing role of today's IS professional. In addition to a stronger career emphasis, the text includes expanded coverage of mobile solutions, energy and environmental concerns, the increased use of cloud computing across the globe, and two cases per chapter. Learning firsthand how information systems can increase profits and reduce costs, students explore new information on e-commerce and enterprise systems, artificial intelligence, virtual reality, green computing, and other issues reshaping the industry. The text introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. It also presents some of the most current research on virtual communities, global IS work solutions, and social networking. No matter where students' career paths may lead, FUNDAMENTALS OF INFORMATION SYSTEMS, 8E and its resources can help them maximize their success as employees, decision makers, and business leaders.
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Principles of Information Systems

Official Monthly Publication of the Petroleum Branch, American Institute of Mining and Metallurgical Engineers

Oil

Progress Reports

Current Assessment of Standards for Oxygenated Fuel Compatibility and Permeability with California Underground Storage Tank (UST) Materials

The Virginia Engineer

By analysing investment flows and examining the role of foreign direct investment in key industries, this book examines why Southern Africa has not become a magnet for FDI and what it needs to do to attract more investment.

With unparalleled insight into BP and its safety record leading up to the disaster in the Gulf of Mexico, Tom Bower gives us a groundbreaking, in-depth, and authoritative twenty-year history of the hunt and speculation for our most vital natural resource. OIL Money, Politics, and Power in the 21st Century Twenty years ago oil cost about \$7 a barrel. In 2008 the price soared to \$148 and then fell to below \$40. In the midst of this extraordinary volatility, the major oil conglomerates still spent over a trillion dollars in an increasingly frantic search for more. The story of oil is a story of high stakes and extreme risk. It is the story of the crushing rivalries between men and women exploring for oil five miles beneath the sea, battling for control of the world's biggest corporations, and gambling billions of dollars twenty-four hours every day on oil's prices. It is the story of corporate chieftains in Dallas and London, traders in New York, oil-oligarchs in Moscow, and globe-trotting politicians-all maneuvering for power. With the world as his canvas, acclaimed investigative reporter Tom Bower gathers unprecedented firsthand information from hundreds of sources to give readers the definitive, untold modern history of oil . . . the ultimate story of arrogance, intrigue, and greed.

Applying Monte Carlo Simulation, Real Options Analysis, Forecasting, and Optimization Techniques

Electrical Power Transmission and Distribution

Decision of the Administrator of the Environmental Protection Agency Regarding Suspension of the 1975 Auto Emission Standards, Hearings Before the Subcommittee on Air and Water Pollution ..., 93-1

SPE Reservoir Evaluation & Engineering

The Banker's Handbook on Credit Risk

Cultural Adaptation and Resistance

When confronted with a problem in science, the way to proceed is not always obvious. The problem may seem intractable or there may be many possible solutions, with some better than others. Problem-Solving Exercises in Green and Sustainable Chemistry teaches students how to analyze and solve real-world problems that occur in an environmental context, and it encourages creativity in developing solutions to situations based on events that have actually taken place. The problems described in this book are relevant and stimulating in learning and understanding the principles of green and sustainable chemistry. They address various aspects of the field, including: Toxicity Waste generation and disposal Chemical accidents Energy efficiency New policy development The final chapter contains proposed solutions to the presented problems and provides commentaries and references to relevant literature. This book also prompts students to become more comfortable with the idea of multiple "correct" answers to problems. It emphasizes the reality that green chemistry is about making practical decisions and weighing multiple factors that are often conflicting, thus making it difficult or impossible to apply one perfect solution to a given situation. Problem-Solving Exercises in Green and Sustainable Chemistry prepares students to solve challenging problems, whether as green chemists, as architects designing energy-efficient buildings, or as environmentally-conscious citizens.

Fuel cells are expected to play a major role in the future power supply that will transform to renewable, decentralized and fluctuating primary energies. At the same time the share of electric power will continually increase at the expense of thermal and mechanical energy not just in transportation, but also in households. Hydrogen as a perfect fuel for fuel cells and an outstanding and efficient means of bulk storage for renewable energy will spearhead this development together with fuel cells. Moreover, small fuel cells hold great potential for portable devices such as gadgets and medical applications such as pacemakers. This handbook will explore specific fuel cells within and beyond the mainstream development and focuses on materials and production processes for both SOFC and lowtemperature fuel cells, analytics and diagnostics for fuel cells, modeling and simulation as well as balance of plant design and components. As fuel cells are getting increasingly sophisticated and industrially developed the issues of quality assurance and methodology of development are included in this handbook. The contributions to this book come from an international panel of experts from academia, industry, institutions and government. This handbook is oriented toward people looking for detailed information on specific fuel cell types, their materials, production processes, modeling and analytics. Overview information on the contrary on mainstream fuel cells and applications are provided in the book 'Hydrogen and Fuel Cells', published in 2010.

A Publication of the American Association of Cost Engineers

Offshore Oil and Gas Operation Facilities, Marine Pipeline and Ship Structures, April 14-16, 2004, Biloxi, Mississippi

Aging and Life Extension Techniques

Africa and the African Diaspora

Development Centre Studies Regional Integration, FDI and Competitiveness in Southern Africa

More efficient credit portfolio engineering can increase the decision-making power of bankers and boost the market value of their banks. By implementing robust risk management procedures, bankers can develop comprehensive views of obligors by integrating fundamental and market data into a portfolio framework that treats all instruments similarly. Banks that can implement strategies for uncovering credit risk investments with the highest return per unit of risk can confidently build their businesses. Through chapters on fundamental analysis and credit administration, authors Morton Glantz and Johnathan Mun teach readers how to improve their credit skills and develop logical decision-making processes. As readers acquire new abilities to calculate risks and evaluate portfolios, they learn how credit risk strategies and policies can affect and be affected by credit ratings and global exposure tracking systems. The result is a book that facilitates the discipline of market-oriented portfolio management in the face of unending changes in the financial industry. Concentrates on the practical implementation of credit engineering strategies and tools Demonstrates how bankers can use portfolio analytics to increase their insights about different groups of obligors Investigates ways to improve a portfolio's return on risk while minimizing probability of insolvency

Electrical distribution and transmission systems are complex combinations of various conductive and insulating materials. When exposed to atmospheric corrosive gases, contaminants, extreme temperatures, vibrations, and other internal and external impacts, these systems deteriorate, and sooner or later their ability to function properly is destroyed. Electrical Power Transmission and Distribution: Aging and Life Extension Techniques offers practical guidance on ways to slow down the aging of these electrical systems, improve their performance, and extend their life. Recognize the Signs of Aging in Equipmentand Learn How to Slow It A reference manual for engineering, maintenance, and training personnel. This book analyzes the factors that cause materials to deteriorate and explains what you can do to reduce the impact of these factors. In one volume, it brings together extensive information previously scattered among manufacturers' documentation, journal papers, conference proceedings, and general books on plating, lubrication, insulation, and other areas. Shows you how to identify the signs of equipment aging Helps you understand the causes of equipment deterioration Suggests practical techniques for protecting electrical apparatus from deterioration and damage Supplies information that can be used to develop manuals on proper maintenance procedures and choice of materials Provides numerous examples from industry This book combines research and engineering material with maintenance recommendations given in layperson's terms, making it useful for readers from a range of backgrounds. In particular, it is a valuable resource for personnel responsible for the utilization, operation, and maintenance of electrical transmission and distribution equipment at power plants and industrial facilities.

Saudi Arabia Investment and Business Guide Volume 1 Strategic and Practical Information

A Practical Guide for Bank Lending

Fuel Cell Science and Engineering

Technical & Skills Training

Liquefied Natural Gas

Modeling Risk

Saudi Arabia Investment and Business Guide - Strategic and Practical Information

Delivering the latest research and most current coverage available, PRINCIPLES OF INFORMATION SYSTEMS, 12E equips students with a solid understanding of the core principles of IS and how it is practiced. Covering the latest developments from the field and their impact on the rapidly changing role of today's IS professional, the twelfth edition includes expanded coverage of mobile solutions, an increased focus on energy and environmental concerns, new discussions on the growing use of cloud computing across the globe, a stronger career emphasis, and a fully updated running case. Learning firsthand how information systems can increase profits and reduce costs, students explore new information on e-commerce and enterprise systems, artificial intelligence, virtual reality, green computing, and other issues reshaping the industry. The text introduces the challenges and risks of computer crimes, hacking, and cyberterrorism. It also presents some of the most current research on virtual communities and global IS work solutions as well as social networking. A long-running example illustrates how technology was used in the design, development, and production of this text. No matter where students' career paths may lead, PRINCIPLES OF INFORMATION SYSTEMS, 12E can help them maximize their success as employees, decision makers, and business leaders.
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Cost Engineering

Coatings for Corrosion Protection

Materials, Processes, Systems and Technology

Saudi Arabia: Doing Business, Investing in Saudi Arabia Guide Volume 1 Strategic and Practical Information

Guide to NIST (National Institute of Standards and Technology)

Automotive Engineering