

Going Gas From Vba To Google Apps Script

This book contains selected papers from International Symposium for Production Research 2021, held on October 7–9, 2021, online, Turkey. The book reports recent advances in production engineering and operations. It explores topics including production research; production management; operations management; industry 4.0; industrial engineering; mechanical engineering; engineering management; and operational research. Presenting real-life applications, case studies, and mathematical models, this book is of interest to researchers, academics, and practitioners in the field of production and operation engineering. It provides both the results of recent research and practical solutions to real-world problems.

Energy costs impact the profitability of virtually all industrial processes. Stressing how plants use power, and how that power is actually generated, this book provides a clear and simple way to understand the energy usage in various processes, as well as methods for optimizing these processes using practical hands-on simulations and a unique approach that details solved problems utilizing actual plant data. Invaluable information offers a complete energy-saving approach essential for both the chemical and mechanical engineering curricula, as well as for practicing engineers.

Maximize your Excel experience with VBA Excel 2019 Power Programming with VBA is fully updated to cover all the latest tools and tricks of Excel 2019. Encompassing an analysis of Excel application development and a complete introduction to Visual Basic for Applications (VBA), this comprehensive book presents all of the techniques you need to develop both large and small Excel applications. Over 800 pages of tips, tricks, and best practices shed light on key topics, such as the Excel interface, file formats, enhanced interactivity with other Office applications, and improved collaboration features. Understanding how to leverage VBA to improve your Excel programming skills can enhance the quality of deliverables that you produce—and can help you take your career to the next level. Explore fully updated content that offers comprehensive coverage through over 900 pages of tips, tricks, and techniques Leverage templates and worksheets that put your new knowledge in action, and reinforce the skills introduced in the text Improve your capabilities regarding Excel programming with VBA, unlocking more of your potential in the office Excel 2019 Power Programming with VBA is a fundamental resource for intermediate to advanced users who want to polish their skills regarding spreadsheet applications using VBA.

"University Physics is a three-volume collection that meets the scope and sequence requirements for two- and three-semester calculus-based physics courses. Volume 1 covers mechanics, sound, oscillations, and waves. This textbook emphasizes connections between theory and application, making physics concepts interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. Frequent, strong examples focus on how to approach a problem, how to work with the equations, and how to check and generalize the result."—Open Textbook Library.

Selected Papers from ISPR2021, October 07-09, 2021 Online, Turkey

Upstream Petroleum Fiscal and Valuation Modeling in Excel

Gas Turbines for Electric Power Generation

Extracorporeal Membrane Oxygenation

APPLYING UML & PATTERNS 3RD EDITION

Turbine Aerodynamics

Arman covers how to investigate requirements, create solutions and then translate designs into code, showing developers how to make practical use of the most significant recent developments. A summary of UML notation is included

A step-by-step guide to using Google Apps Script with Google Sheets. You will learn how to work with and automate Sheets. This book assumes no knowledge of coding or of Apps Script or of JavaScript and will take you from writing your first script to using Apps Script with Sheets with confidence. Every chapter contains numerous practical examples of scripts with every step explained along the way. It also contains links to the files used in the book. It also covers some JavaScript fundamentals, like loops and arrays, relating them specifically to their use in Apps Script. Fully updated including the latest JavaScript and the new Script Editor. This is book 1 in a series on Apps Script. Contents: What is Google Apps Script? CHAPTER 1 - First Script CHAPTER 2 - Variables and getting & setting values CHAPTER 3 - Loops CHAPTER 4 - Arrays, Logger & Executions CHAPTER 5 - If, Prompt, Menu & OnOpen Trigger CHAPTER 6 - SpreadsheetApp & the For In Loop CHAPTER 7 - Spreadsheet Class CHAPTER 8 - Sheet Class CHAPTER 9 - Range class & Triggers Appendix 1 - Code from each chapter Appendix 2 - Script Editor and creating a standalone script

Approximately 4 million U.S. service members took part in the wars in Afghanistan and Iraq. Shortly after troops started returning from their deployments, some active-duty service members and veterans began experiencing mental health problems. Given the stressors associated with war, it is not surprising that some service members developed such mental health conditions as posttraumatic stress disorder, depression, and substance use disorder. Subsequent epidemiologic studies conducted on military and veteran populations that served in the operations in Afghanistan and Iraq provided scientific evidence that those who fought were in fact being diagnosed with mental illnesses and experiencing mental health-related outcomes—in particular, suicide—at a higher rate than the general population. This report provides a comprehensive assessment of the quality, capacity, and access to mental health care services for veterans who served in the Armed Forces in Operation Enduring Freedom/Operation Iraqi Freedom/Operation New Dawn. It includes an analysis of not only the quality and capacity of mental health care services within the Department of Veterans Affairs, but also barriers faced by patients in utilizing those services.

WRITE BULLET-PROOF VBA CODE FOR ANY SITUATION This book is the essential resource for developers working with any of the more than 300 products that employ the Visual Basic for Applications programming language. Written by recognized VBA experts, it provides detailed coverage of a wide range of specific VBA programming challenges. Its careful, step-by-step instructions and thousands of lines of code offer answers, while teaching you to devise new and creative solutions. The book explains all VBA environments, whether you are building standalone applications or customizing commercial products using the built-in VBA programmability. Coverage includes Manipulating text, numbers, and dates Using automation to control other applications Creating objects using VBA class modules Using standard search and sort algorithms from within VBA Creating standard dynamic data structures, including linked lists, binary trees, stacks, and queues Working with Window system information, including memostat.us, screen info, mouse, keyboard, and power status Working with Windows Registry data Retrieving and setting Windows networking information Working with the Windows file system, iterating through folders, creating and deleting files Adding sound and movies to VBA apps using Windows multimedia extensions Tapping the system capabilities provided by the Windows Scripting Runtime library Writing add-ins for the Visual Basic environment Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Adding Excel to Your Analysis Arsenal

Hiroshima

Gas Journal

VBA Developer's Handbook

Light, Heat, Power, Bye-products

Professional Excel Development

Going Gas From Vba to Google Apps Script Going Gas From Vba to Google Apps Script © O'Reilly Media, Inc. *

This book provides a description of actual, working aerodynamic design and analysis systems, for both axial-flow and radial-flow turbines. It describes the basic fluid dynamic and thermodynamic principles, empirical models and numerical methods used for the full range of procedures and analytical tools that an engineer needs for virtually any type of aerodynamic design or analysis activity for both types of turbine. The book includes sufficient detail for readers to implement all or part of the systems. The author provides practical and effective design strategies for applying both turbine types, which are illustrated by design examples. Comparisons with experimental results are included to demonstrate the prediction accuracy to be expected. This book is intended for practicing engineers concerned with the design and development of turbines and related machinery.

Extracorporeal membrane oxygenation (ECMO), despite a long and troubled history, is very rapidly evolving into a therapy that can be safely and effectively applied across the world in patients experiencing acute cardiac and/or pulmonary failure. As experiences grow, there is a better understanding of nuances of the importance of teamwork, therapy guidelines and protocols, patient selection, and understanding the functional aspects of pump-circuit technology as it interfaces with human biology. The challenges in managing these very sick and complex patients cannot be understated. The goal of this text is to provide a framework for the development and successful growth of a program. Authors from Centers of Excellence Worldwide have shared their experiences in the full spectrum in dealing with this evolving field.

Please contact the authors at upstream.petroleum.in.excel@gmail.com for details of how to access the trial version of Crystal Ball, as well as the Excel and other files which are *not* part of the e-book version download. *This is a book no deal team should be without. It is a must for those involved in upstream oil and gas transactions, planning, budgeting, investment appraisal and portfolio management. Its step-by-step approach cuts through complexity, making it comprehensive and understandable by a wide range of users with a wide range of abilities. It can be used as a textbook, an introductory primer or as a handbook that you can dip in and out of or read cover to cover.* —Michael Lynch-Bell, Senior Advisor, Oil & Gas, Ernst & Young LLP, ex-officio Chairman, UN Expert Group on Resource Classification In the upstream petroleum industry, it is the value of post-tax cashflow which matters most to investors, governments, lenders, analysts, and sponsors. Calculating these cashflows and understanding their "behavior," however, is challenging, as the industry's specialized fiscal rules can be complex, jargon-laden, and somewhat seem to be a "fox of their own." Upstream Petroleum Fiscal and Valuation Modeling in Excel: A Worked Examples Approach demystifies fiscal analysis which, unlike disciplines such as Earth sciences and engineering, can be learned from a book. Written in plain English for laymen and for experienced practitioners alike, it is a reader-friendly, clear, practical, step-by-step hands-on guide for both reference and self-paced study. The book does not catalogue the 100+ different petroleum fiscal regimes in use at the time of writing. Rather, drawing on the authors' combined 48 years' experience, it takes a more timeless, generic treatment, by covering the most common variants of royalties, taxation, production sharing arrangements, bonuses and abandonment funding , through a dual approach: first, showing how to model them in Excel , and then providing interactive exercises to prompt (and answer) questions that analyze impacts on cashflows. In addition to the main text, the book consists of over 120 Excel files (ranging from modular examples to full models) in Excel 2007 and 2003 formats; over 400 pages of supplementary PDF files; VBA features to enhance model functionality; and an introduction to risk modeling with exercises for the included trial version of Oracle's Crystal Ball software. It offers both a wealth of content and models equal to or surpassing what is available from fiscal modeling courses costing several times more; and greater insights into underlying calculations than commercially available "black box" fiscal software. New US Securities and Exchange Commission (SEC) rules planned for 2013 will force petroleum companies to disclose more fiscal information on an individual country basis. This will make it more important than ever for analysts to understand how to model oil and gas terms and the potential impacts of the disclosed government payments on future oil and gas company profitability. Due to the heavy use of graphics and cross references used in this particular text, some readers might find that the printed book offers a more optimal reading experience than certain e-formats particularly with the Kindle eMobi format.

Over 100 Amazing Ways to Automate Word, Excel, PowerPoint, Outlook, and Access

Performance and Operability

Brown's Directory of American Gas Companies ...

Evaluation of the Department of Veterans Affairs Mental Health Services

Office VBA Macros You Can Use Today

Digitizing Production Systems

Whether you're moving from Microsoft Office to Google Docs or simply want to learn how to automate Docs with Google Apps Script, this practical guide shows you by example how to work with each of the major Apps Script services. Office still supports VBA, but it's not likely to do so for much longer. If you're a VBA or .NET developer, you'll learn how to port existing VBA code and structure to their JavaScript-based Apps Script equivalents with minimal effort. Author Bruce Mpherson introduces JavaScript basics for experienced developers unfamiliar with the language, and demonstrates ways to build real-world apps using all of the Apps Script services previously covered. Use App Script's equivalent of Excel's object model Target the most commonly used parts of Microsoft Word Automate processes in Gmail, Calendar, and Contacts Access the local client filesystem with Google Drive Build and run applications in a browser Store persistent data conveniently Render HTML content in response to HTTP requests Automate the maintenance and creation of pages and content Interact with a REST service or NoSQL database Access Apps Script capabilities from other platforms

The comprehensive, broadly-applicable, real-world guide to financial modelling Principles of Financial Modelling - Model Design and Best Practices Using Excel and VBACovers the full spectrum of financial modelling tools and techniques in order to provide practical skills that are grounded in real-world applications. Based on rigorously-tested materials created for consulting projects and for training courses, this book demonstrates how to plan, design and build financial models that are flexible, robust, transparent, and highly applicable to a wide range of planning, forecasting and decision-support contexts. This book integrates theory and practice to provide a high-value resource for anyone wanting to gain a practical understanding of this complex and nuanced topic. Highlights of its content include extensive coverage of: Model design and best practices, including the optimisation of data structures and layout, maximising transparency, balancing complexity with flexibility, dealing with circularity, model audit and error-checking Sensitivity and scenario analysis, simulation, and optimisation Data manipulation and analysis The use and choice of Excel functions and functionality, including advanced functions and those from all categories, as well as of VBA and its key areas of application within financial modelling The companion website provides approximately 235 Excel files (screen-clips of most of which are shown in the text), which demonstrate key principles in modelling, as well as providing many examples of the use of Excel functions and VBA macros. These facilitate learning and have a strong emphasis on practical solutions and direct real-world application. For practical instruction, robust technique and clear presentation, Principles of Financial Modelling is the premier guide to real-world financial modelling from the ground up. It provides clear instruction applicable across sectors, settings and countries, and is presented in a well-structured and highly-developed format that is accessible to people with different backgrounds.

Let your Excel skills rise to new heights with this bestselling guide Updated to reflect the latest changes to the Microsoft Office suite, this new edition of Excel For Dummies quickly and painlessly gets you up to speed on mastering the world's most widely used spreadsheet tool. Written by bestselling author Greg Harvey, it has been completely revised and updated to offer you the freshest and most current information to make using the latest version of Excel easy and stress-free. If the thought of looking at spreadsheet makes your head swell, you've come to the right place. Whether you've used older versions of this popular program or have never gotten a headache from looking at all those grids, this hands-on guide will get you up and running with the latest installment of the software, Microsoft Excel 2016. In no time, you'll begin creating and editing worksheets, formatting cells, entering formulas, creating and editing charts, inserting graphs, designing database forms, and more. Plus, you'll get easy-to-follow guidance on mastering more advanced skills, like adding hyperlinks to worksheets, saving worksheets as web pages, adding worksheet data to an existing web page, and so much more. Save spreadsheets in the Cloud to work on them anywhere Use Excel 2016 on a desktop, laptop, or tablet Share spreadsheets via email, online meetings, and social media sites Analyze data with PivotTables If you're new to Excel and want to spend more time on your actual work than figuring out how to make it work for you, this new edition of Excel 2016 For Dummies sets you up for success.

Everything you wanted to know about industrial gas turbines for electric power generation in one source with hard-to-find, hands-on technical information.

The Definitive Guide to Developing Applications Using Microsoft Excel, VBA, and .NET

Numerical Methods for Chemical Engineers Using Excel, VBA, and MATLAB

Applied Petroleum Reservoir Engineering

Dictionary Catalog of the Research Libraries of the New York Public Library, 1911-1971

Excel VBA 365 Made Easy

Programming Microsoft Visual Basic .NET for Microsoft Access Databases

This volume focuses on the development and application of fundamental concepts in mechanics and physics of solids as they pertain to the solution of challenging new problems in diverse areas, such as materials science and micro- and nanotechnology. In this volume, emphasis is placed on the development of fundamental concepts of mechanics and novel applications of these concepts based on theoretical, experimental, or computational approaches, drawing upon the various branches of engineering science and the allied areas within applied mathematics, materials science, and applied physics. Materials Physics and Chemistry: Applied Mathematics and Chemo-Mechanical Analysis emphasizes the basics, such as design, equilibrium, material behavior, and geometry of deformation in simple structures or machines. Readers will find a thorough treatment of stress, strain, and the stress-strain relationships. Meanwhile it provides a solid foundation upon which readers can begin work in composite materials science and engineering. Many chapters include theory components with the equations students need to calculate different properties.

Written for the Numerical Methods for Engineers course over the last 15 years, the author found a need for a new textbook, one that was less elementary, provided applications and problems better suited for chemical engineers, and contained instruction in Visual Basic® for Applications (VBA). This led to six years of developing teaching notes that have been enhanced to create the current textbook. Numerical Methods for Chemical Engineers Using Excel®, VBA, and MATLAB®. Focusing on Excel gives the advantage of it being generally available, since it is present on every computer—PC and Mac—that has Microsoft Office installed. The VBA programming environment comes with Excel and greatly enhances the capabilities of Excel spreadsheets. While there is no perfect programming system, teaching this combination offers knowledge in a widely available program that is commonly used (Excel) as well as a popular academic software package (MATLAB). Chapters cover nonlinear equations, Visual Basic, linear algebra, ordinary differential equations, regression analysis, partial differential equations, and mathematical programming methods. Each chapter contains examples that show in detail how a particular numerical method or programming methodology can be implemented in Excel and/or VBA (or MATLAB in chapter 10). Most of the examples and problems presented in the text are related to chemical and biomolecular engineering and cover a broad range of application areas including thermodynamics, fluid flow, heat transfer, mass transfer, reaction kinetics, reactor design, process design, and process control. The chapters feature "Did You Know?" boxes, used to remind readers of Excel features. They also contain end-of-chapter exercises, with solutions provided.

A guide to programming the applications of Microsoft Office using VBA.

Excel for Scientists and Engineers

Industrial Gas Turbines

Gas World

Learning Google Apps Script

Excel Scientific and Engineering Cookbook

University Physics

*Google Apps Script is a scripting language used in conjunction with Google web-based applications (Google Docs, Google Sheets, Google Forms, Gmail, etc.) and external APIs. In this course, you'll see how Google Apps Script can integrate the functions of multiple Google services with an externally located data source to create a new custom app. For example, you'll see how Google Apps Script pulled data from a Google Sheet and an external source, and then combined and formatted the data into a Google Doc. The key to using Google Apps Script is understanding its underlying language, JavaScript. The course teaches you enough of the concepts and syntax of JavaScript that you'll come away with the ability to confidently code Google Apps Script tasks on your own. *Resource description page.

Excel VBA 365 Made Easy is a complete guide to mastering Excel VBA 365, for beginner to intermediate programmers. Authored by Dr. Liew, creator of the popular online Excel VBA Tutorial at excelvba.tutor.com, this book is an excellent reference text for high school or college-level computer science courses. By the end of this book, you will gain a comprehensive understanding of basic Excel VBA 365 concepts and be able to create your own code from scratch. You will learn how to: 1. Write code for objects like Worksheet, Range, Cells and more using their methods and properties 2. Write macros to automate tasks 3. Program code for all the ActiveX controls available in the Developer environment 4. Create applications using the UserForm 5. Create objects and classes using the Class module Best of all, you will gain inspiration from a variety of interesting examples like a calculator, stock trading program, slot machine, Star Wars, and more. You may modify the examples easily to suit your needs.

Given the improved analytical capabilities of Excel, scientists and engineers everywhere are using it—instead of FORTRAN—to solve problems. And why not? Excel is installed on millions of computers, features a rich set of built-in analyses tools, and includes an integrated Visual Basic for Applications (VBA) programming language. No wonder it's today's computing tool of choice. Chances are you already use Excel to perform some fairly routine calculations. Now the Excel Scientific and Engineering Cookbook shows you how to leverage Excel to perform more complex calculations, too, calculations that once fell in the domain of specialized tools. It does so by putting a smorgasbord of data analysis techniques right at your fingertips. The book shows how to perform these useful tasks and others: Use Excel and VBA in general import data from a variety of sources Analyze data Perform calculations Visualize the results for interpretation and presentation Use Excel to solve specific science and engineering problems Wherever possible, the Excel Scientific and Engineering Cookbook draws on real-world examples from a range of scientific disciplines such as biology, chemistry, and physics. This way, you'll be better prepared to solve the problems you face in your everyday scientific or engineering tasks. High on practicality and low on theory, this quick, look-up reference provides instant solutions, or "recipes," to problems both basic and advanced. And like other books in O'Reilly's popular Cookbook format, each recipe also includes a discussion on how and why it works. As a result, you can take comfort in knowing that complete, practical answers are a mere page-flip away.

A new edition with a final chapter written forty years after the explosion.

Introduction to Python Programming for Business and Social Science Applications

Materials Physics and Chemistry

Modeling, Analysis and Optimization of Process and Energy Systems

A Framework for Building Modern PHP Apps

Going GAS

Laravel: Up & Running

Learn to fully harness the power of Microsoft Excel(r) to perform scientific and engineering calculations With this text as your guide, you can significantly enhance Microsoft Excel's(r) capabilities to execute the calculations needed to solve a variety of chemical, biochemical, physical, engineering, biological, and medicinal problems. The text begins with two chapters that introduce you to Excel's Visual Basic for Applications (VBA) programming language, which allows you to expand Excel's(r) capabilities, although you can still use the text without learning VBA. Following the author's step-by-step instructions, here are just a few of the calculations you learn to perform: * Use worksheet functions to work with matrices * Find roots of equations and solve systems of simultaneous equations * Solve ordinary differential equations and partial differential equations * Perform linear and non-linear regression * Use random numbers and the Monte Carlo method This text is loaded with examples ranging from very basic to highly sophisticated solutions. More than 100 end-of-chapter problems help you test and put your knowledge to practice solving real-world problems. Answers and explanatory notes for most of the problems are provided in an appendix. The CD-ROM that accompanies this text provides several useful features: * All the spreadsheets, charts, and VBA code needed to perform the examples from the text * Solutions to most of the end-of-chapter problems * An add-in workbook with more than twenty custom functions This text does not require any background in programming, so it is suitable for both undergraduate and graduate courses. Moreover, practitioners in science and engineering will find that this guide saves hours of time by enabling them to perform most of their calculations with one familiar spreadsheet package.

Whether you're moving from Microsoft Office to Google Docs or simply want to learn how to automate Docs with Google Apps Script, this practical guide shows you by example how to work with each of the major Apps Script services. Office still supports VBA, but it (u2019s) not likely to do so for much longer. If you (u2019re) a VBA or .NET developer, you'll learn how to port existing VBA code and structure to their JavaScript-based Apps Script equivalents with minimal effort. Author Bruce Mpherson introduces JavaScript basics for experienced developers unfamiliar with the language, and demonstrates ways to build real-world apps using all of the Apps Script services previously covered. Use Apps Script (u2019s) equivalent of Excel (u2019s) object model Target the most commonly used parts of Microsoft Word Automate processes in Gmail, Calendar, and Contacts Access the local client filesystem with Google Drive Build and run applications in a browser Store persistent data conveniently Render HTML content in response to HTTP requests Automate the maintenance and creation of pages and content Interact with a REST service or NoSQL database Access Apps Script capabilities from other platforms.

Would you like to gather big datasets, analyze them, and visualize the results, all in one program? If this describes you, then Introduction to Python Programming for Business and Social Science Applications is the book for you. Authors Frederick Kaefler and Paul Kaefler walk you through each step of the Python package installation and analysis process, with frequent exercises throughout so you can immediately try out the functions you 've learned. Written in straightforward language for those with no programming background, this book will teach you how to use Python for your research and data analysis. Instead of teaching you the principles and practices of programming as a whole, this application-oriented text focuses on only what you need to know to research and answer social science questions. The text features two types of examples, one set from the General Social Survey and one set from a large taxi trip dataset from a major metropolitan area, to help readers understand the possibilities of working with Python. Chapters on installing and working within a programming environment, basic skills, and necessary commands will get you up and running quickly, while chapters on programming logic, data input and output, and data frames help you establish the basic framework for conducting analyses. Further chapters on web scraping, statistical analysis, machine learning, and data visualization help you apply your skills to your research. More advanced information on developing graphical user interfaces (GUIs) help you create functional data products using Python to inform general users of data who don 't work within Python. First there was IBM® SPSS®, then there was R, and now there 's Python. Statistical software is getting more aggressive - let authors Frederick Kaefler and Paul Kaefler help you tame it with Introduction to Python Programming for Business and Social Science Applications.

Customize and automate Google Applications using Apps Script About This Book Gain insight into customizing and automating Google applications with JavaScript Create add-ons for Google Sheets, Docs, or Forms; automate your workflow; integrate with external APIs; and more. A step-by-step guide to building real-world solutions Who This Book Is For Newbies to google apps script but having practical experience in javascript. What You Will Learn Learn about the Google Apps script platform and work with scripts to develop Google apps Create custom menus and dialogs Parse and send emails Generate Google calendar events Build T ranslator and RSS reader applications Develop interactive web pages Design interactive web-forms Form a workflow application in Detail Google Apps Script is a cloud-based scripting language based on JavaScript to customize and automate Google applications. Apps Script makes it easy to create and publish add-ons in an online store for Google Sheets, Docs, and Forms. It serves as one single platform to build, code, and ultimately share your App on the Web store. This book begins by covering the basics of the Google application platform and goes on to empower you to automate most of the Google applications. You will learn the concepts of creating a menu, sending mails, building interactive web pages, and implementing all of these techniques to develop an interactive Web page as a form to submit sheets You will be guided through all these tasks with plenty of screenshots and code snippets that will ensure your success in customizing and automating various Google applications This guide is an invaluable tutorial for beginners who intend to develop the skills to automate and customize Google applications Style and approach An easy-to-follow yet comprehensive guide, filled with many code examples and screenshots illustrating various Google Apps scripts.

Financial Modeling

A Critical State Approach

Beginner's Guide to Google Apps Script 1 - Sheets

Principles of Financial Modelling

Statistics of Gas Companies in the United States and Canada, ...

Industrial Gas Turbines: Performance and Operability explains important aspects of gas turbine performance such as performance deterioration, service life and engine emissions. Traditionally, gas turbine performance has been taught from a design perspective with insufficient attention paid to the operational issues of a specific site. Operators are not always sufficiently familiar with engine performance issues to resolve operational problems and optimise performance. Industrial Gas Turbines: Performance and Operability discusses the key factors determining CD illustrates gas turbine performance from the perspective of the operator, building on the concepts discussed in the text. The simulator is effectively a virtual engine and can be subjected to operating conditions that would be dangerous and damaging to an engine in real-life conditions. It also deals with issues of engine deterioration, emissions and turbine life. The combined use of text and simulators is designed to allow the reader to better understand and optimise gas turbine operation. Discusses the key factors in determining the performance of compressor service life and engine emissions Accompanied by CD illustrating gas turbine performance, building on the concepts discussed in the text

Basic level textbook covering concepts and practical analytical techniques of reservoir engineering

Too often, finance courses stop short of making a connection between textbook finance and the problems of real-world business. "Financial Modeling" bridges this gap between theory and practice by providing a nuts-and-bolts guide to solving common financial problems with spreadsheets. The CD-ROM contains Excel worksheets and solutions to end-of-chapter exercises. 634 illustrations.

Soil liquefaction is a major concern in areas of the world subject to seismic activity or other repeated vibration loads. This book brings together a large body of information on the topic, and presents it within a unified and simple framework. The result is a book which will provide the practising civil engineer with a very sound understanding of

Model Design and Best Practices Using Excel and VBA

Numerical Methods

VBA for Modelers

Soil Liquefaction

Excel 2019 Power Programming with VBA

Applied Mathematics and Chemo-Mechanical Analysis

Learn how to create dynamic web applications with Google Apps Script and take full advantage of your Google-hosted services. If you have basic coding skills and some JavaScript experience, this practical book shows you how Apps Script works, and provides step-by-step guidance for building applications you can use right away. Apps Script is handy for automating Google Apps tasks, but it also serves as a complete application platform. With this book, you'll learn how to build, store, run, and share data-driven web apps right on Google Drive. You'll have access to complete code and working examples that show you how everything fits together. Build an interactive Web App UI that runs on most web and mobile browsers Create a simple product catalog that displays custom data from a spreadsheet Develop an application to generate web forms from templates Use Apps Script to build a simple web-based database application Design a document workflow builder that users can quickly customize Create a Google form that lets you select and send email responses Debug your code and keep track of script problems after deployment

A guide to the development aspects of Excel covers such topics as building add-ins, creating custom charts, using class modules, handling errors, controlling external applications, and programming with databases.

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's mostpopular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provideddata The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs

Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

From VBA to Google Apps Script

Advances in Therapy

From Vba to Google Apps Script

Excel 2016 For Dummies

Developing Decision Support Systems with Microsoft® Excel

Web Application Development Essentials