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Microsoft Excel 2016 Programming by Example with VBA, XML, and ASP - Julitta Korol 2016-06-09
Updated for Excel 2016 and based on the bestselling editions from previous versions, Microsoft Excel 2016 Programming by Example with VBA, XML and ASP is a practical, how-to book on Excel programming, suitable for readers already proficient with the Excel user interface (UI). If you are looking to automate Excel routine tasks, this book will progressively introduce you to programming concepts via numerous, illustrated, hands-on exercises. Includes a comprehensive disc with source code, supplemental files, and color screen captures (Also available from the publisher for download by writing to info@merclearning.com). More advanced topics are demonstrated via custom projects. From recording and editing a macro and writing VBA code to working with XML documents and using Classic ASP pages to access and display data on the Web, this book takes you on a programming journey that will change the way you work with Excel. The book provides information on performing automatic operations on files, folders, and other Microsoft Office applications. It also covers proper use of event procedures, testing and debugging, and guides you through programming advanced Excel features such as PivotTables, PivotCharts, and the Ribbon interface. Features: •Contains 28 chapters loaded with illustrated "Hands-On" exercises and projects that guide you through the VBA programming language. Each example tells you exactly where to enter code, how to test it and then run it. •Includes a comprehensive disc with source code, supplemental files, and color screen captures (Also available from the publisher for download by writing to info@merclearning.com). •Takes you from introductory topics--including recording and editing macros, using variables, and constants, writing subroutines/functions, conditional statements, and various methods of coding loops to repeat actions--to intermediate and advanced topics that include working with collections, class modules, arrays, file and database access, custom forms, error handling and debugging. •Includes comprehensive coverage of native file handling in VBA, Windows Scripting Host (WSH), and low-level File Access. •Demonstrates how to interact with Microsoft Access databases using both ADO and DAO Object Libraries to access and manipulate data. •Includes chapters on programming charts, PivotTables, dialog boxes, custom forms, the Ribbon, Backstage View, context/shortcut menu customizations, as well as proper use of event procedures and callbacks. •Provides a quick Hands-On introduction to the data analysis and transformation process using the new Excel 2016 Get & Transform feature and the "M" language formulas. •Provides a practical coverage of using Web queries, HTML, XML, and VBScript in Classic ASP to retrieve and publish Excel data to the Web. On The Companion Files: •All source code and supplemental files for the Hands-On exercises and custom projects •All images from the text (including 4-color screenshots)

The Go Programming Language - Alan A. A. Donovan 2015-11-16
The Go Programming Language is the authoritative resource for any programmer who wants to learn Go. It shows how to write clear and idiomatic Go to solve real-world problems. The book does not assume prior knowledge of Go nor experience with any specific language, so you'll find it accessible whether you're most comfortable with JavaScript, Ruby, Python, Java, or C++. The first chapter is a tutorial on the basic concepts of Go, introduced through programs for file I/O and text processing, simple graphics, and web clients and servers. Early chapters cover the structural elements of Go programs: syntax, control flow, data types, and the organization of a program into packages, files, and functions. The examples illustrate many packages from the standard library and show how to create new ones of your own. Later chapters explain the package mechanism in more detail, and how to build, test, and maintain projects using the go tool. The chapters on methods and interfaces introduce Go's unconventional approach to object-oriented programming, in which methods can be declared on any type and interfaces are implicitly satisfied. They explain the key principles of encapsulation, composition, and substitutability using realistic examples. Two chapters on concurrency present in-depth approaches to this increasingly important topic. The first, which covers the basic mechanisms of goroutines and channels, illustrates the style known as communicating sequential processes for which Go is renowned. The second covers more traditional aspects of concurrency with shared variables. These chapters provide a solid foundation for programmers encountering concurrency for the first time. The final two chapters explore lower-level features of Go. One covers the art of metaprogramming using reflection. The other shows how to use the unsafe package to step outside the type system for special situations, and how to use the cgo tool to create Go bindings for C libraries. The book features hundreds of interesting and practical examples of well-written Go code that cover the whole language, its most important packages, and a wide range of applications. Each chapter has exercises to test your understanding and explore extensions and alternatives. Source code is freely available for download from http://gopl.io/ and may be conveniently fetched, built, and installed using the go get command.

Excel 2019 Power Programming with VBA - Michael Alexander 2019-05-14
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.

Excel Macros For Dummies - Michael Alexander 2017-03-06
Save time and be way more productive with Microsoft Excel macros Looking for ready-made Excel macros that will streamline your workflow? Look no further! Excel Macros For Dummies, 2nd Edition helps you save time, automate, and be more productive–even with no programming experience at all. Each chapter offers macros you can implement right away, with practical exercises that extend your knowledge and help you understand the mechanics at work. You'll find over 70 of the most effective Excel macros for solving common problems and explanations of why and where to use each one–plus invaluable guidance and step-by-step instruction for applying them effectively. Microsoft Excel is the world's leading spreadsheet application, and it supports VBA macros that allow you to customize the program and automate many

common tasks. In no time, you'll learn how to customize your applications to look and work exactly the way you want them to, with simple, friendly walk-throughs that directly apply to real-world tasks. Follow it through from start to finish, or quickly look up problems as they occur. It's the perfect desk reference for all of your Microsoft Excel macros needs! Immediately implement the given Excel macros Work with workbooks, worksheets, and ranges Clean data, automate reporting, and send email from Excel Streamline your workflow If you have an Excel problem, there's a macro to solve it–and now, you don't need to be a programmer to customize it for your own use!.

Patterns for Parallel Programming - Timothy G. Mattson 2004-09-15
The Parallel Programming Guide for Every Software Developer From grids and clusters to next-generation game consoles, parallel computing is going mainstream. Innovations such as Hyper-Threading Technology, HyperTransport Technology, and multicore microprocessors from IBM, Intel, and Sun are accelerating the movement's growth. Only one thing is missing: programmers with the skills to meet the soaring demand for parallel software. That's where Patterns for Parallel Programming comes in. It's the first parallel programming guide written specifically to serve working software developers, not just computer scientists. The authors introduce a complete, highly accessible pattern language that will help any experienced developer "think parallel"-and start writing effective parallel code almost immediately. Instead of formal theory, they deliver proven solutions to the challenges faced by parallel programmers, and pragmatic guidance for using today's parallel APIs in the real world. Coverage includes: Understanding the parallel computing landscape and the challenges faced by parallel developers Finding the concurrency in a software design problem and decomposing it into concurrent tasks Managing the use of data across tasks Creating an algorithm structure that effectively exploits the concurrency you've identified Connecting your algorithmic structures to the APIs needed to implement them Specific software constructs for implementing parallel programs Working with today's leading parallel programming environments: OpenMP, MPI, and Java Patterns have helped thousands of programmers master object-oriented development and other complex programming technologies. With this book, you will learn that they're the best way to master parallel programming too.

Microsoft Excel 97/Visual Basic Step by Step - Reed Jacobson 1997
Visual Basic is the built-in graphical programming language in Microsoft Excel. This guide is a procedural, personal training system for those who want to get up and running on visual basic for applications in Excel easily and quickly. Modular lessons let users start wherever they want and learn at their own convenience and their own pace.

Excel VBA Programming For Dummies - Michael Alexander 2018-11-06
Take your Excel programming skills to the next level To take Excel to the next level, you need to understand and implement the power of Visual Basic for Applications (VBA). Excel VBA Programming For Dummies introduces you to a wide array of new Excel options, beginning with the most important tools and operations for the Visual Basic Editor. Inside, you'll find an overview of the essential elements and concepts for programming with Excel. In no time, you'll discover techniques for handling errors and exterminating bugs, working with range objects and controlling program flow, and much more. With friendly advice on the easiest ways to develop custom dialog boxes, toolbars, and menus, readers will be creating Excel applications custom fit to their unique needs! Fully updated for the new Excel 2019 Step-by-step instructions for creating VBA macros to maximize productivity Guidance on customizing your applications so they work the way you want All sample programs, VBA code, and worksheets are available at dummies.com Beginning VBA programmers rejoice! This easy-to-follow book makes it easier than ever to excel at Excel VBA!

Building Custom Tasks for SQL Server Integration Services - Andy Leonard 2017-07-04
Learn to build custom SSIS tasks using Visual Studio Community Edition and Visual Basic. Bring all the power of Microsoft .NET to bear on your data integration and ETL processes, and for no added cost over what you've already spent on licensing SQL Server. If you already have a license for SQL Server, then you do not need to spend more money to extend SSIS with custom tasks and components. Why are custom components necessary? Because even though the SSIS catalog of built-in tasks and components is a marvel of engineering, there do remain gaps in the functionality that is provided. These gaps are especially

relevant to enterprises practicing Data Integration Lifecycle Management (DILMS) and/or DevOps. One of the gaps is a limitation of the SSIS Execute Package task. Developers using the stock version of that task are unable to select SSIS packages from other projects. Yet it's useful to be able to select and execute tasks across projects, and the example used throughout this book will help you to create an Execute Catalog Package task that does in fact allow you to execute a task from another project. Building on the example's pattern, you can create any task that you like, custom tailored to your specific, data integration and ETL needs. What You Will Learn Configure and execute Visual Studio in the way that best supports SSIS task development Create a class library as the basis for an SSIS task, and reference the needed SSIS assemblies Properly sign assemblies that you create in order to invoke them from your task Implement source code control via Visual Studio Team Services, or your own favorite tool set Code not only your tasks themselves, but also the associated task editors Troubleshoot and then execute your custom tasks as part of your own project Who This Book Is For Database administrators and developers who are involved in ETL projects built around SQL Server Integration Services (SSIS). Readers should have a background in programming along with a desire to optimize their ETL efforts by creating custom-tailored tasks for execution from SSIS packages.

Excel 2013 Power Programming with VBA - John Walkenbach 2013-04-01
Maximize your Excel 2013 experience using VBA application development The new Excel 2013 boasts updated features, enhanced power, and new capabilities. Naturally, that means John Walkenbach returns with a new edition of his bestselling VBA Programming book and covers all the methods and tools you need to know in order to program with Excel. With this comprehensive guide, "Mr. Spreadsheet" shows you how to maximize your Excel experience using professional spreadsheet application development tips from his own personal bookshelf. Featuring a complete introduction to Visual Basic for Applications and fully updated for the latest features of Excel 2013, this essential reference includes an analysis of Excel application development and is packed with procedures, tips, and ideas for expanding Excel's capabilities with VBA. Offers an analysis of Excel application development and a complete introduction to VBA Features invaluable advice from "Mr. Spreadsheet" himself, bestselling author John Walkenbach, who demonstrates all the techniques you need to create Excel applications, both large and small Covers navigating the Excel interface, formatting worksheets, interacting with other Office applications, working with collaboration tools, and using sample workbooks and John Walkenbach's award-winning Power Utility Pak to help enhance your Excel skills Provides tips, tricks, and techniques for expanding Excel's capabilities with VBA that you wont find anywhere else Excel 2013 Power Programming with VBA is packed with procedures, tips, and ideas for achieving Excel excellence with VBA.

SAS Programming for R Users - Jordan Bakerman 2019-12-09
SAS Programming for R Users, based on the free SAS Education course of the same name, is designed for experienced R users who want to transfer their programming skills to SAS. Emphasis is on programming and not statistical theory or interpretation. You will learn how to write programs in SAS that replicate familiar functions and capabilities in R. This book covers a wide range of topics including the basics of the SAS programming language, how to import data, how to create new variables, random number generation, linear modeling, Interactive Matrix Language (IML), and many other SAS procedures. This book also explains how to write R code directly in the SAS code editor for seamless integration between the two tools. Exercises are provided at the end of each chapter so that you can test your knowledge and practice your programming skills.

Bases de Datos con Visual Basic - Lluís Duran 2007-10
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SAS Viya - Yue Qi 2018-07-20
Learn how to access analytics from SAS Cloud Analytic Services (CAS) using R and the SAS Viya platform. SAS Viya : The R Perspective is a general-purpose introduction to using R with the SAS Viya platform. SAS Viya is a high-performance, fault-tolerant analytics architecture that can be deployed on both public and private cloud infrastructures. This book introduces an entirely new way of using SAS statistics from R, taking users step-by-step from installation and fundamentals to data exploration and modeling. SAS Viya is made up of multiple components. The central piece of this ecosystem is SAS Cloud Analytic Services (CAS).

CAS is the cloud-based server that all clients communicate with to run analytical methods. While SAS Viya can be used by various SAS applications, it also enables you to access analytic methods from SAS, R, Python, Lua, and Java, as well as through a REST interface using HTTP or HTTPS. The R client is used to drive the CAS component directly using commands and actions that are familiar to R programmers. Key features of this book include: Connecting to CAS from R Loading, managing, and exploring CAS Data from R Executing CAS actions and processing the results Handling CAS action errors Modeling continuous and categorical data This book is intended for R users who want to access SAS analytics as well as SAS users who are interested in trying R. Familiarity with R would be helpful before using this book although knowledge of CAS is not required. However, you will need to have a CAS server set up and running to execute the examples in this book.

Basic Principles and Calculations in Chemical Engineering - David Mautner Himmelblau 2012
Best-selling introductory chemical engineering book - now updated with far more coverage of biotech, nanotech, and green engineering Thoroughly covers material balances, gases, liquids, and energy balances. Contains new biotech and bioengineering problems throughout.

JavaScript Bible - Danny Goodman 2010-09-23
The bestselling JavaScript reference, now updated to reflect changes in technology and best practices As the most comprehensive book on the market, the JavaScript Bible is a classic bestseller that keeps you up to date on the latest changes in JavaScript, the leading technology for incorporating interactivity into Web pages. Part tutorial, part reference, this book serves as both a learning tool for building new JavaScript skills as well as a detailed reference for the more experienced JavaScript user. You'll get up-to-date coverage on the latest JavaScript practices that have been implemented since the previous edition, as well as the most updated code listings that reflect new concepts. Plus, you'll learn how to apply the latest JavaScript exception handling and custom object techniques. Coverage includes: JavaScript's Role in the World Wide Web and Beyond Developing a Scripting Strategy Selecting and Using Your Tools JavaScript Essentials Your First JavaScript Script Browser and Document Objects Scripts and HTML Documents Programming Fundamentals Window and Document Objects Forms and Form Elements Strings, Math, and Dates Scripting Frames and Multiple Windows Images and Dynamic HTML The String Object The Math, Number, and Boolean Objects The Date Object The Array Object JSON - Native JavaScript Object Notation E4X - Native XML Processing Control Structures and Exception Handling JavaScript Operators Function Objects and Custom Objects Global Functions and Statements Document Object Model Essentials Generic HTML Element Objects Window and Frame Objects Location and History Objects Document and Body Objects Link and Anchor Objects Image, Area, Map, and Canvas Objects Event Objects Practical examples of working code round out this new edition and contribute to helping you learn JavaScript quickly yet thoroughly.

Visual Analytics with SAS Viya - 2019-06-21
SAS Visual Analytics is a business intelligence and analytics platform that provides visual exploration and discovery, self-service analytics, and interactive reporting for organizations of all sizes. All organizations have a wide variety of users, and each user needs something different from data and analytics. SAS Visual Analytics allows everyone to easily discover and share powerful insights that inspire action. Several useful papers have been written to demonstrate how to use these techniques. We have carefully selected a handful of these from recent Global Forum contributions to introduce you to the topic and let you sample what each has to offer. Also available free as a PDF from sas.com/books.

Visual Basic 2008 For Dummies - Bill Sempf 2011-03-10
Visual Basic is a favorite programming language, so if you're new to programming, it's a great place to start. Visual Basic 2008 For Dummies is the fun and easy way to begin creating applications right away while you get the hang of using the Visual Studio environment. Soon you'll be building all sorts of useful stuff with VB 2008! This step-by-step guide walks you through a logical series of tasks that build your skills as you get comfortable with .Net terminology, theory, tools, and design principles. You'll learn how to build an application in four different architectural styles, and you'll find out how to make your programs validate input and output, make decisions, and protect themselves from security threats. Discover how to: Install the Visual Studio environment Write a VB program Use Web forms, Windows forms, and Web services Establish

good programming practices Create class libraries Write secure applications Debug your applications Work with strings and "if-then" statements Iterate with counted and nested loops Pass arguments and get return values Access data with VB.NET Work with the file system using VB You'll also find great tips for working with the VB user interface, using VB.NET in C# programming, troubleshooting your VB programs, taking your programming to the next level, and more! Once you get your hands on Visual Basic 2008 For Dummies, you'll be programming like a genius in no time!

Excel 2013 - Frédéric LE GUEN
Un pack de 2 libros para aprender Excel e ir más lejos en la realización de macros con ayuda del lenguaje VBA. El libro de la colección Ofimática Profesional: Excel 2013 Esta guía práctica presenta con detalle las diferentes funciones de la popular hoja de cálculo Microsoft® Excel 2013; se dirige a todas aquellas personas que desean descubrir el conjunto de sus funciones y profundizar en ellas. Tras la descripción del entorno, que incluye la cinta de opciones y la pestaña Archivo, así como la gestión de libros, plantillas y hojas de cálculo, descubrirá todas las técnicas para introducir y modificar datos(números, fechas, series de datos, relleno rápido automático, ecuaciones...). A continuación podrá ver cómo efectuar todo tipo de cálculos, desde los más sencillos (porcentajes, estadísticas) hasta los más complejos (fórmulas condicionales, cálculo de fechas, funciones de búsqueda, cálculo de las cuotas a devolver de un préstamo, tabla de doble entrada, consolidación de hojas de cálculo, cálculo matricial...). Una parte está dedicada a las herramientas de análisis: creación de escenarios, cálculo del valor objetivo, auditoría de las hojas de cálculo y uso del Solver. Después aprenderá a sacar provecho de las numerosas funciones manuales o automáticas (herramienta Análisis rápido) de que dispone para dar formato a las tablas(fuentes, colores, bordes, formatos condicionales, estilos...). Aprenderá a ordenar y filtrarlos datos, a organizar las tablas en forma de esquemas y a imprimirlos. Excel es una herramienta potente en materia de representación gráfica; descubrirá los numerosos tipos de gráficos de los que dispone: lineales, de barras, circulares, gráficos en 3D, líneas de tendencia y minigráficos. Asimismo, aprenderá a insertar objetos gráficos en una hoja de cálculo (formas, imágenes, diagramas...). Pero Excel también es una herramienta muy potente a la hora de analizar datos: estudiará la creación y gestión de tablas de datos, así como la realización de tablas y gráficos dinámicos que puede ordenar y filtrar de forma inteligente usando (o no) la segmentación de datos. Una parte de este libro está dedicada al trabajo en grupo, lo que incluye abundante información sobre la protección de los libros y la posibilidad de compartir datos. Los últimos capítulos tratan sobre las técnicas para optimizar la introducción de datos (crearseries de datos personalizadas, listas desplegables), la importación y exportación de datos, las macros, cómo guardar el libro en forma de página web y la gestión de sus cuentas de usuario. El libro de la colección Objetivo: Soluciones: Macros y lenguaje VBA - Aprender a programar con Excel (2ª edición) El objetivo de este libro es enseñarle, mediante prácticas, cómo diseñar macros, nombre que se le da a los programas realizados en un entorno de Microsoft® Office y que permiten reproducir automáticamente y de manera infinita un conjunto de tareas. No está dirigido a programadores, sino a cualquier usuario habitual de Microsoft Excel (estudiante, comerciante, jefe de proyectos, gestor, asesor, etc.) que desee descubrir la programación con Excel para automatizar las tareas repetitivas. Aunque nunca haya escrito un programa o ni siquiera haya visto una línea de código en su vida, los ejemplos simples y pedagógicos de este libro le mostrarán, paso a paso, cómo diseñar un programa. Tras la descripción del entorno de trabajo VBE utilizado para la creación de macros, descubrirá los conceptos básicos de la programación con VBA a través de los objetos, de sus métodos y de sus propiedades; a continuación, realizará su primer programa gracias a la Grabadora de macros y después abordaremos los elementos fundamentales de la programación VBA que son las variables, las condiciones y los bucles, antes de aprender a «depurar» su programa. La siguiente parte aborda la noción de programación modular y presenta al detalle las principales funciones que puede insertar en un programa (funciones lógicas, matemáticas), la gestión de cadenas de caracteres, la gestión de fechas y horas, las manipulaciones en los libros Excel y en todos los tipos de archivos que tenga en los directorios de su ordenador. Para acabar, verá cómo optimizar su programa, trabajar con tablas en la memoria, hacer que sus programas sean compatibles con las versiones de 32 y 64 bits, crear cuadros de diálogo personalizados, insertar controles (etiqueta, zona de texto, botón, etc.) y gestionar los errores de ejecución. Todos los ejemplos del libro se pueden descargar gratuitamente de la página Web de Ediciones ENI,

www.ediciones-eni.com.

An Introduction to Excel for Civil Engineers - Gunthar Pangaribuan 2016-08-16
It's a Excel basics book that every civil engineer should have read by now. It addresses skills that may not be covered in most Excel for civil engineering texts, such as step by step guides to create an application program and how to convert the steps into VBA code, how to perform matrix operations (multiplication and inversion) using Excel-VBA, macro for creating an engineering chart, a brief and simple guide to become an instant Excel-VBA programmer, and more... Also to be presented the depiction in AutoCAD program. Yes! AutoCAD is chosen because one of its advantages that relies on high drawing accuracy. You will learn how to create a simple AutoCAD script file using Excel formulas and Excel-VBA. It is expected that you will be able to create simple Cartesian graph in AutoCAD, even you are an AutoCAD first time user! With the ease of working with Excel, coupled with benefit of the given examples in this book, it is expected to increase the interest of the reader to create new original application programs. Thus, each model or even a specific calculation will be an exciting challenge for a programming job is already enjoyable. Happy Excel programming!

Matemáticas con Microsoft Excel. 2a Edición - Miguel Barreras Alconchel 2010-06-29
El libro que usted tiene en sus manos es, básicamente, el mismo libro de la edición anterior pero válido hasta la versión Excel 2007. Excel 2007 es (al menos aparentemente) distinta a las anteriores, lo que, al principio, confunde y desanima al fiel usuario de Excel 2003. Cuando se abre por vez primera esta nueva versión la pregunta es invitable: pero..., ¿dónde están las cosas?. Los menús han cambiado. También algunos procedimientos (como la elaboración de gráficos) y el funcionamiento de algunos objetos Visual Basic. Por ejemplo, la Barra de desplazamiento de 2003 encuentra su análoga en 2007 no en la barra de los Controles de formulario, sino en la de los Controles ActiveX. El código de la programación es el mismo. Uno se acostumbra con algunas horas de práctica e incluso llega a admitir que 2007 es bastante parecido a 2003, más agradable a la vista y, tal vez, más dinámico. El objetivo que se persigue con este libro es doble. Quizás ambicioso. Por una parte se intenta iniciar o afianzar al lector en las herramientas básicas y avanzadas de Excel y, por otra, establecer un contacto con las que Visual Basic nos ofrece. Es este un lenguaje de programación que Microsoft incorporó a la Hoja de Cálculo realmente notable y atractivo. Además, se pretende presentar Excel como un eficaz recurso en el aprendizaje de las Matemáticas en cualquier nivel de la instrucción, así como en la resolución de problemas. En definitiva, el sentido de la obra es el siguiente: 1. Exponer en contextos prácticos las herramientas de Excel: las básicas (matemáticas, estadísticas, lógicas); las avancadas (gráficos personalizados, buscar objetivo, solver, etc.); algunos comandos básicos de Visual Basic en Excel (botones de comando, barra de desplazamiento) y una iniciación a la programación en Visual Basic desde Excel. Ser revela a los usuarios de Excel sus múltiples posibilidades, que a menudo se desconocen. 2. Abordar problemas (matemáticos, o cualquier otro susceptible de análisis cuantitativo) y proponer estrategias de solución bajo la perspectiva de la Hoja de Cálculo Excel. 3. Suministrar al profesorado (al lector, en general) recursos ya elaborados para el análisis y la resolución de problemas concretos, planteando posibles generalizaciones. 4. Proponer nuevas metodologías para la clase de Matemáticas al amparo de la Hoja de Cálculo. El libro contiene material adicional que podrá descargarse desde www.ra-ma.es accediendo a la ficha del libro y que incluye los ejemplos cuya elaboración, paso a paso, se explica en el texto y los ejercicios que se proponen al final de cada capítulo. En total, más de 180 hojas de cálculo.

R For Dummies - Andrie de Vries 2012-06-06
Master the programming language of choice among statisticians and data analysts worldwide Coming to grips with R can be tough, even for seasoned statisticians and data analysts. Enter R For Dummies, the quick, easy way to master all the R you'll ever need. Requiring no prior programming experience and packed with practical examples, easy, step-by-step exercises, and sample code, this extremely accessible guide is the ideal introduction to R for complete beginners. It also covers many concepts that intermediate-level programmers will find extremely useful. Master your R ABCs ? get up to speed in no time with the basics, from installing and configuring R to writing simple scripts and performing simultaneous calculations on many variables Put data in its place ? get to know your way around lists, data frames, and other R data structures while learning to interact with other programs, such as Microsoft Excel Make data dance to your

tune ? learn how to reshape and manipulate data, merge data sets, split and combine data, perform calculations on vectors and arrays, and much more Visualize it ? learn to use R's powerful data visualization features to create beautiful and informative graphical presentations of your data Get statistical ? find out how to do simple statistical analysis, summarize your variables, and conduct classic statistical tests, such as t-tests Expand and customize R ? get the lowdown on how to find, install, and make the most of add-on packages created by the global R community for a wide variety of purposes Open the book and find: Help downloading, installing, and configuring R Tips for getting data in and out of R Ways to use data frames and lists to organize data How to manipulate and process data Advice on fitting regression models and ANOVA Helpful hints for working with graphics How to code in R What R mailing lists and forums can do for you

101 Ready-to-Use Excel Formulas - Michael Alexander 2014-07-14
Mr. Spreadsheet has done it again with 101 easy-to-apply Excel formulas 101 Ready-to-Use Excel Formulas is filled with the most commonly-used, real-world Excel formulas that can be repurposed and put into action, saving you time and increasing your productivity. Each segment of this book outlines a common business or analysis problem that needs to be solved and provides the actual Excel formulas to solve the problem—along with detailed explanation of how the formulas work. Written in a user-friendly style that relies on a tips and tricks approach, the book details how to perform everyday Excel tasks with confidence. 101 Ready-to-Use Excel Formulas is sure to become your well-thumbed reference to solve your workplace problems. The recipes in the book are structured to first present the problem, then provide the formula solution, and finally show how it works so that it can be customized to fit your needs. The companion website to the book allows readers to easily test the formulas and provides visual confirmation of the concepts presented. Teaches you how to implement the required Excel formula Explains and details how the formulas work Lets you reuse or customize the given formula to address your particular needs Helps you make the formulas a regular part of your new, more efficient workflow Specific real-world scenarios are used to demonstrate how to most effectively apply Excel and its powerful formulas to complete tasks faster and with greater accuracy than ever before. Now you can save time, automate, and be more efficient and productive with 101 Ready-to-Use Excel Formulas.

Visual C++ MFC Programming by Example - John E. Swanke 1999-01-01
-- Add extensions to the Developer's Studio Wizards -- 85 examples with complete working code Tired of the inadequate examples and documentation for MFC and Visual C++ development? Don't like what the Developer Studio Wizards give you? Beginning and exper

Learning SAS by Example - Ron Cody 2018-07-03
Learn to program SAS by example! Learning SAS by Example, A Programmer's Guide, Second Edition, teaches SAS programming from very basic concepts to more advanced topics. Because most programmers prefer examples rather than reference-type syntax, this book uses short examples to explain each topic. The second edition has brought this classic book on SAS programming up to the latest SAS version, with new chapters that cover topics such as PROC SGPLOT and Perl regular expressions. This book belongs on the shelf (or e-book reader) of anyone who programs in SAS, from those with little programming experience who want to learn SAS to intermediate and even advanced SAS programmers who want to learn new techniques or identify new ways to accomplish existing tasks. In an instructive and conversational tone, author Ron Cody clearly explains each programming technique and then illustrates it with one or more real-life examples, followed by a detailed description of how the program works. The text is divided into four major sections: Getting Started, DATA Step Processing, Presenting and Summarizing Your Data, and Advanced Topics. Subjects addressed include Reading data from external sources Learning details of DATA step programming Subsetting and combining SAS data sets Understanding SAS functions and working with arrays Creating reports with PROC REPORT and PROC TABULATE Getting started with the SAS macro language Leveraging PROC SQL Generating high-quality graphics Using advanced features of user-defined formats and informats Restructuring SAS data sets Working with multiple observations per subject Getting started with Perl regular expressions You can test your knowledge and hone your skills by solving the problems at the end of each chapter.

Good Agricultural Practices for Greenhouse Vegetable Crops - 2013

This publication capitalizes on the experience of scientists from the North Africa and Near East countries, in collaboration with experts from around the world, specialized in the different aspects of greenhouse crop production. It provides a comprehensive description and assessment of the greenhouse production practices in use in Mediterranean climate areas that have helped diversify vegetable production and increase productivity. The publication is also meant to be used as a reference and tool for trainers and growers as well as other actors in the greenhouse vegetables value chain in this region.

Principios básicos de estática y programación aplicados a casos reales - Eric, Viana Buendía 2017-05-31

bookdown - Yihui Xie 2016-12-12

bookdown: Authoring Books and Technical Documents with R Markdown presents a much easier way to write books and technical publications than traditional tools such as LaTeX and Word. The bookdown package inherits the simplicity of syntax and flexibility for data analysis from R Markdown, and extends R Markdown for technical writing, so that you can make better use of document elements such as figures, tables, equations, theorems, citations, and references. Similar to LaTeX, you can number and cross-reference these elements with bookdown. Your document can even include live examples so readers can interact with them while reading the book. The book can be rendered to multiple output formats, including LaTeX/PDF, HTML, EPUB, and Word, thus making it easy to put your documents online. The style and theme of these output formats can be customized. We used books and R primarily for examples in this book, but bookdown is not only for books or R. Most features introduced in this book also apply to other types of publications: journal papers, reports, dissertations, course handouts, study notes, and even novels. You do not have to use R, either. Other choices of computing languages include Python, C, C++, SQL, Bash, Stan, JavaScript, and so on, although R is best supported. You can also leave out computing, for example, to write a fiction. This book itself is an example of publishing with bookdown and R Markdown, and its source is fully available on GitHub.

Excel 2010 de la mano -

VBA and Macros - Bill Jelen 2010

Use Excel 2010 VBA and macros to automate virtually any routine task, and save yourself hours, days, maybe even weeks. Then learn how to make Excel do things you thought were simply impossible! This book reveals scripting techniques you won't find anywhere else and shows you how to create automated reports that are amazingly powerful and useful. It helps you instantly visualize information so you can understand and act on it. It also shows you how to capture data from anywhere and use it anywhere, and helps you automate Excel 2010's most powerful new features Learning advanced Excel scripting has never been easier You'll find simple, step-by-step instructions, real-world examples and case studies, and 50 workbooks packed with bonus examples, macros, and solutions, straight from MrExcel. About MrExcel Library: Every book in the MrExcel Library pinpoints a specific set of crucial Excel tasks and presents focused skills and examples for performing them rapidly and effectively. Selected by Bill Jelen, Microsoft Excel MVP and mastermind behind the leading Excel solutions website MrExcel.com, these books will

PROC SQL - Kirk Paul Lafler 2019-03-20

PROC SQL: Beyond the Basics Using SAS®, Third Edition, is a step-by-step, example-driven guide that helps readers master the language of PROC SQL. Packed with analysis and examples illustrating an assortment of PROC SQL options, statements, and clauses, this book not only covers all the basics, but it also offers extensive guidance on complex topics such as set operators and correlated subqueries. Programmers at all levels will appreciate Kirk Lafler's easy-to-follow examples, clear explanations, and handy tips to extend their knowledge of PROC SQL. This third edition explores new and powerful features in SAS® 9.4, including topics such as: IFC and IFN functions nearest neighbor processing the HAVING clause indexes It also features two completely new chapters on fuzzy matching and data-driven programming. Delving into the workings of PROC SQL with greater analysis and discussion, PROC SQL: Beyond the Basics Using SAS®, Third Edition, explores this powerful database language using discussion and numerous real-world examples.

Excel 2016 Power Programming with VBA - Michael Alexander 2016-01-29

Maximize your Excel experience with VBA Excel 2016 Power Programming with VBA is fully updated to cover all the latest tools and tricks of Excel 2016. 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. In addition to the procedures, tips, and ideas that will expand your capabilities, this resource provides you with access to over 100 online example Excel workbooks and the Power Utility Pak, found on the Mr. Spreadsheet website. 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 Access online resources, including the Power Utility Pak, that supplement the content Improve your capabilities regarding Excel programming with VBA, unlocking more of your potential in the office Excel 2016 Power Programming with VBA is a fundamental resource for intermediate to advanced users who want to polish their skills regarding spreadsheet applications using VBA.

Excel 2013 Formulas - John Walkenbach 2013-03-13

Maximize the power of Excel 2013 formulas with this must-have Excel reference John Walkenbach, known as "Mr. Spreadsheet," is a master at deciphering complex technical topics and Excel formulas are no exception. This fully updated book delivers more than 800 pages of Excel 2013 tips, tricks, and techniques for creating formulas that calculate, developing custom worksheet functions with VBA, debugging formulas, and much more. Demonstrates how to use all the latest features in Excel 2013 Shows how to create financial formulas and tap into the power of array formulas Serves as a guide to using various lookup formulas, working with conditional formatting, and developing custom functions Shares proven solutions for handling typical (and not-so-typical) Excel formula challenges Includes links to the "Mr. Spreadsheet" website, which contains all the templates and worksheets used in the book, plus access to John Walkenbach's award-winning Power Utility Pak. From charts to PivotTables and everything in between, Excel 2013 Formulas is your formula for Excel success.

Text Analytics with SAS - 2019-06-14

SAS provides many different solutions to investigate and analyze text and operationalize decisioning. Several impressive papers have been written to demonstrate how to use these techniques. We have carefully selected a handful of these from recent Global Forum contributions to introduce you to the topic and let you sample what each has to offer. Also available free as a PDF from sas.com/books.

Sustainable Development and Renovation in Architecture, Urbanism and Engineering - Pilar Mercader-Moyano 2017-03-17

This book provides an overview of the environmental problems that arise from construction activity, focusing on refurbishment as an alternative to the current crisis in the construction sector, as well as on measures designed to minimize the effects on the environment. Furthermore, it offers professionals insights into alternative eco-efficient solutions using new materials to minimize environmental impacts and offers solutions that they can incorporate into their own designs and buildings. It also demonstrates best practices in the cooperation between various universities in Andalusia in Spain and Latin America and many public and private companies and organizations. This book serves as a valuable reference resource for professionals and researchers and provides an overview on the status of investigations to find solutions to improve sustainable development in terms of materials, systems, facilities, neighborhoods, buildings, and awareness of the society involved.

Programming Excel with VBA - Flavio Morgado 2016-11-09

Learn to harness the power of Visual Basic for Applications (VBA) in Microsoft Excel to develop interesting, useful, and interactive Excel applications. This book will show you how to manipulate Excel with code, allowing you to unlock extra features, accuracy, and efficiency in working with your data. Programming Excel 2016 with VBA is a complete guide to Excel application development, using step-by-step guidance,

example applications, and screenshots in Excel 2016. In this book, you will learn: How to interact with key Excel objects, such as the application object, workbook object, and range object Methods for working with ranges in detail using code Usage of Excel as a database repository How to exchange data between Excel applications How to use the Windows API to expand the capabilities of Excel A step-by-step method for producing your own custom Excel ribbon Who This Book Is For:Developers and intermediate-to-advanced Excel users who want to dive deeper into the capabilities of Excel 2016 using code.

Computer Vision with SAS - Susan Kahler 2020-07-22
Computer vision is a field of artificial intelligence that trains computers to interpret and understand the visual world. In recent years, computer vision has begun to rival and even surpass human visual abilities in many areas. SAS offers many different solutions to train computers to "see" by identifying and classifying objects, and several groundbreaking papers have been written to demonstrate these techniques. The papers included in this special collection demonstrate how the latest computer vision tools and techniques can be used to solve a variety of business problems.

Python Scripting for Computational Science - Hans Petter Langtangen 2013-03-14
Scripting with Python makes you productive and increases the reliability of your scientific work. Here, the author teaches you how to develop tailored, flexible, and efficient working environments built from small programs (scripts) written in Python. The focus is on examples and applications of relevance to computational science: gluing existing applications and tools, e.g. for automating simulation, data analysis, and visualization; steering simulations and computational experiments; equipping programs with graphical user interfaces; making computational Web services; creating interactive interfaces with a Maple/Matlab-like syntax to numerical applications in C/C++ or Fortran; and building flexible object-oriented programming interfaces to existing C/C++ or Fortran libraries.

Numerical Methods for Engineers - Steven C. Chapra 2002
The Fourth Edition of Numerical Methods for Engineers continues the tradition of excellence it established as the winner of the ASEE Meriam/Wiley award for Best Textbook. Instructors love it because it is a comprehensive text that is easy to teach from. Students love it because it is written for them--with great pedagogy and clear explanations and examples throughout. This edition features an even broader array of applications, including all engineering disciplines. The revision retains the successful pedagogy of the prior editions. Chapra and Canale's unique approach opens each part of the text with sections called Motivation, Mathematical Background, and Orientation, preparing the student for what is to come in a motivating and engaging manner. Each part closes with an Epilogue containing sections called Trade-Offs, Important Relationships and Formulas, and Advanced Methods and Additional References. Much more than a summary, the Epilogue deepens understanding of what has been learned and provides a peek into more advanced methods. What's new in this edition? A shift in orientation toward more use of software packages, specifically MATLAB and Excel with VBA. This includes material on developing MATLAB m-files and VBA macros. In addition, the text has been updated to reflect improvements in MATLAB and Excel since the last

edition. Also, many more, and more challenging problems are included. The expanded breadth of engineering disciplines covered is especially evident in the problems, which now cover such areas as biotechnology and biomedical engineering. Features Ø The new edition retains the clear explanations and elegantly rendered examples that the book is known for. Ø There are approximately 150 new, challenging problems drawn from all engineering disciplines. Ø There are completely new sections on a number of topics including multiple integrals and the modified false position method. Ø The website will provide additional materials, such as programs, for student and faculty use, and will allow users to communicate directly with the authors.

Excel 2010 Formulas - John Walkenbach 2010-04-22
Take your Excel formulas to the next level with this updated reference John Walkenbach's name is synonymous with excellence in computer books that decipher complex technical topics. Known as "Mr. Spreadsheet," Walkenbach provides you with clear explanations on all the methods you can use to maximize the power of Excel with formulas within the frameworks of all the new features of Excel 2010. You'll learn how to create financial formulas, maximize the power of array formulas, develop custom worksheet functions with VBA, debug formulas, and much more. This invaluable reference is fully updated for the new Microsoft Office release and provides comprehensive formulas coverage, delivering more than 800 pages of Excel tips, tricks, and techniques you won't find anywhere else. Demonstrates how to use all the new features of Excel 2010 to maximize your formulas Shows how to develop custom worksheet functions with VBA, debug formulas, create financial formulas, and more Serves as an indispensable reference no matter your skill level Includes a valuable CD-ROM with sample files, templates and worksheets from the book, plus John Walkenbach's award-winning Power Utility Pak Prepare to excel with Excel when you have John Walkenbach and Excel 2010 Formulas by your side! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Financial Analysis with Microsoft Excel - Timothy R. Mayes 1997

Microsoft Office Excel 2007 Visual Basic for Applications Step by Step - Reed Jacobson 2007-05-16
Quickly teach yourself how to automate tasks and create custom spreadsheet solutions with Excel 2007 Visual Basic for Applications (VBA). With Step By Step, you set the pace—building and practicing the skills you need, just when you need them! Create macros to automate repetitive tasks Automatically format charts, shapes, and text Manipulate tables and other objects—even build PivotTable reports Write your own functions and procedures Use loops and conditions to add decision logic to macros Build custom command buttons, dialog boxes, and user forms Your all-in-one learning experience includes: Files for building skills and practicing the book's lessons Fully searchable eBook Windows Vista Product Guide eReference—plus other resources on CD For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.