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KEY=INSTRUCTION - LANG ALENA

Canon EOS Digital Rebel XTi / 400D Digital Field Guide

John Wiley & Sons This full-color book is designed to tap the exploding market in serious digital photography with over 250 pages of new and beautiful photos, essential photography how-to information and no-fail formulas for getting great digital pictures with the newly announced Canon EOS Digital Rebel XTi/400D. It goes above and beyond competitive digital SLR books with step-by-step techniques that cover exposure, composition, and professional shooting tips on perspective, impact, and more. Charlotte K. Lowrie, author of two previous Digital Field Guides (see below), is an acclaimed photographer who was managing editor of editorial content for MSN Photos and now writes online instructional content for Canon. Charlotte K. Lowrie (Woodinville, WA) is a freelance editorial and stock photographer and an award-winning writer. Her work has appeared in Popular Photography & Imaging and PHOTOgraphic magazines, and she is the author of the bestselling Canon EOS Digital Rebel Digital Field Guide as well as Adobe Camera Raw Studio Skills, the Canon EOS 30D Digital Field Guide, and Teach Yourself Visually Digital Photography, Second Edition, all from Wiley. Charlotte also teaches photography classes through BetterPhoto.com.

The Complete Guide to Canon's Digital Rebels Xt / XTi / 350D / 400D

Friedman Archives Press Friedmans book on the Canon Digital Rebel cameras provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples as well.

Canon EOS Digital Rebel XTi / 400D For Dummies

John Wiley & Sons The Canon Digital Rebel XTi/400D is an ideal camera for first-time digital SLR users. Unfortunately if you don't know photography lingo you might find yourself never veering from your camera's default settings and into all the cool features that help you take outstanding photos. This book takes care of that problem. Canon EOS Digital Rebel XTi/400D For Dummies comes to the aid of new and inexperienced XTi/400D users by walking them through all the features of their camera. The book not only explains that camera's controls, but also demonstrates how each feature contributes to creating great photos. Illustrated with hundreds of full-color photos, this guide helps you get up-to-speed on the XTi/400D and in control of this popular camera.

Canon EOS Digital Rebel XSi/450D For Dummies

John Wiley & Sons If you're as excited as we are about the Rebel XSi/450D, you probably can't wait to start shooting. Canon EOS Digital Rebel XSi/450D For Dummies will show you how to make every shot count! Even if you're new to digital SLR cameras or are unfamiliar with general photography terms and techniques, this handy guide will show you how to feel comfortable with the controls and start taking beautiful photographs. Don't worry if you've never heard the words aperture, white balance, or ISO. You'll soon be switching easily between automatic and manual modes, managing exposure, and using the all-important Quality setting! You'll learn everything about the lenses, from how to choose the ones you need to how to handle them. You'll finally know how to push just the right buttons to achieve the results that you desire. In a snap, you will find out how to unleash your creativity by manipulating exposure and lighting. You will find out how to: Control picture quality Adjust resolution for image quality and size Shoot in automatic and manual modes Review photos using Playback Mode and the histogram, delete unwanted photos, and protect valuable photos from accidental deletion Manipulate exposure, color, focus, and lighting Download, organize, archive, print, and share photos with family and friends Complete with lists of ten fast photo-editing tricks and ten special-purpose features to explore on a rainy day, Canon EOS Digital Rebel XSi/450D For Dummies is your one-stop guide to setting up, working with, and making the most of your new Canon digital SLR camera.

David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography

Rocky Nook, Inc. David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography is your complete all-in-one comprehensive resource and reference for the Canon EOS Rebel T7i/800D, the first Canon camera to offer in-body five-axis image

stabilization for video capture. Aimed at photo enthusiasts seeking to improve their photographic skills, the T7i/800D is an affordable digital SLR with an impressive range of features, including including Wi-Fi communications to link your camera to your iOS or Android smart device. With this book in hand, the camera is remarkably easy to master, too. Equipped with a 24-megapixel sensor, full HD movie-making, an accurate autofocus system, and a full range of semi-automatic modes, scene options, and creative filters, this newest Rebel has everything you need to explore the world of photography. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'; min-height: 15.0px} With clear how-to steps and full-color illustrations, David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography covers all the camera's capabilities in depth, from taking your first photos through advanced details of setup, exposure, lenses, lighting, and more. Also included is a handy Canon Rebel T7i/800D "roadmap," an easy-to-use visual guide to the camera's features and controls. With best-selling author and mentor David Busch as your guide, you'll be in full creative control, whether you're shooting on the job, as an advanced hobbyist, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS Rebel T7i/800D today.

David Busch's Canon EOS Rebel SL2/200D Guide to Digital SLR Photography

Rocky Nook, Inc.

Canon EOS Rebel T1i / 500D For Dummies

John Wiley & Sons Veteran author Julie Adair King demystifies the high-end features of the new Canon T1i. The Canon EOS Rebel T1i is the newest camera offered in Canon's popular Rebel line of digital SLRs-and sells for less than \$900. Packed with page after page of full-color images, this hands-on guide is aimed at helping you make the most of the Canon T1i's controls and shooting modes. Get ready to maximize the camera's main functions in order to create effective digital photos. Bestselling author Julie Adair King brings her expertise in the areas of digital cameras and photography and combines it with her fun and friendly writing style to offer you helpful explanations and advice. Plus, examples walk first-time users of a digital SLR camera through the basic features as well as the software that accompanies the camera. Selling for under \$900, the Canon EOS Rebel T1i is a consumer-friendly digital camera, ideal for first-time owners Shows you how to shoot in auto mode, use live view and playback modes, and explore the on-board controls Demonstrates techniques for dialing in exposure and lighting controls, manipulating focus and color controls, and handling situational shooting Covers printing, posting online, and other ways to share images Picture this: taking better digital photos than you ever thought possible with your Canon EOS Rebel T1i!

Canon EOS Rebel T3i / 600D For Dummies

John Wiley & Sons A full-color guide to Canon's exciting new dSLR camera Whether it's your first dSLR, your first Canon camera, or simply a new tool for your photography, your Canon Rebel T3i/600D has countless capabilities and you'll want to understand them all. This book covers all the dials, menus, and controls, showing you how to use each one. It explains how to change and use various lenses and offers advice on exposure, focus, printing, using flash, sharing photos online, and much more, all with plenty of full-color examples to show what you can achieve. Canon's popular T3i/600D offers a vast array of options for the new dSLR photographer; this book guides you through all the settings, dials, and menus Explains how to use Live View mode and record, edit, and playback video Provides tips and advice on working with exposure, manipulating focus and color, switching from auto to manual controls, and using lighting creatively Shows how to get photos from the camera to the computer, then edit and manage them using different software packages Illustrated with full-color photos from the author, showing what you can achieve This fun and friendly book helps you to quickly and confidently take advantage of the many creative possibilities offered by your new Canon camera.

Canon EOS Rebel T100/4000D User Guide

The Perfect Manual for Beginners to Master the T100/4000D

Independently Published An All in One Guide to Master your Canon EOS Rebel T100 /4000D The Canon EOS Rebel T100 / EOS 4000D is a simple APS-C DSLR camera. The Rebel T100 is decent for landscape photography. It offers great image quality, with a high dynamic range, good color accuracy, and low levels of graininess even at high ISO levels, which is great for nighttime shoots. Taking the perfect shot requires more than just years of experience and good lighting! Knowing Your camera and what it offers you is a primary requirement. and this EOS 4000D manual provides clear, step by step instructions to help you take full advantage of your camera. Here's a preview of what you'll learn Learn about each button on your camera Understand the settings Get better photos in auto or manual mode Shoot, view, and edit movies Whatever the occasion you're shooting for, you'll get all the guidance you need to take excellent photos from now!

Canon EOS Digital Rebel XSi/450D For Dummies

John Wiley & Sons If you're as excited as we are about the Rebel XSi/450D, you probably can't wait to start shooting. Canon EOS Digital Rebel XSi/450D For Dummies will show you how to make every shot count! Even if you're new to digital SLR cameras or are unfamiliar with general photography terms and techniques, this handy guide will show you how to feel comfortable with the controls and start taking beautiful photographs. Don't worry if you've never heard the words aperture, white balance, or ISO. You'll soon be switching easily between automatic and manual modes, managing exposure, and using the all-important Quality setting! You'll learn everything about the lenses, from how to choose the ones you need to how to handle them. You'll finally know how to push just the right buttons to achieve the results that you desire. In a snap, you will find out how to unleash your creativity by manipulating exposure and lighting. You will find out how to: Control picture quality Adjust resolution for image quality and size Shoot in automatic and manual modes Review photos using Playback Mode and the histogram, delete unwanted photos, and protect valuable photos from accidental deletion Manipulate exposure, color, focus, and lighting Download, organize, archive, print, and share photos with family and friends Complete with lists of ten fast photo-editing tricks and ten special-purpose features to explore on a rainy day, Canon EOS Digital Rebel XSi/450D For Dummies is your one-stop guide to setting up, working with, and making the most of your new Canon digital SLR camera.

Canon EOS Rebel T7i/800D For Dummies

John Wiley & Sons Action, beauty, adventure, and art—start capturing memories today! Canon EOS Rebel T7i/800D For Dummies is your ultimate guide to taking spectacular photos—no photography experience required! The EOS Rebel offers professional features that camera phones just cannot match, and this book shows you how to take advantage of these features to take stunning photos in any situation. First, you'll take a tour of the controls to learn what everything does, where to find it, and how to use it. Next, you'll walk through the automatic, scene, and manual modes to learn the strengths and weaknesses of each, and how to choose a mode based on your goals for that particular photo. You'll learn how to capture action shots, take beautiful portraits, and get as artsy as you want to get as you adjust for color, lighting, and focus, and control exposure for different effects. Taking great photos doesn't have to be difficult! Your camera offers everything you need to perfectly capture any scene, and this book provides clear, easy-to-follow instruction to help you take full advantage of these professional tools. Get acquainted with your camera's controls Shoot in automatic, scene, or manual mode Compose shots and work with lighting like a pro Adjust for focus, color, depth of field, and more Whether you're taking pictures at a party, shooting scenery on vacation, catching action at a ball game, or just wandering around capturing spontaneous moments of beauty, awesome photos are just a few simple steps away. Your Canon EOS Rebel T7i/800D is equipped with the tools to make any scene share-worthy, and Canon EOS Rebel T7i/800D For Dummies equips you to start snapping professional-quality photos today!

Sport Diver

Canon Digital Photo Professional Workflow

John Wiley & Sons Master Canon's free tool for editing, organizing, and processing image files Canon's Digital Photo Professional (DPP) comes bundled with select Canon camera models and is used to organize, edit, and process Canon RAW images. It can be integrated with Photoshop or other editing programs, making it more versatile. Author Eddie Tapp, an award-winning photographer who writes, lectures, and consults on digital imaging issues, explains everything you need to know to use DPP effectively with this full-color guide. Digital Photo Professional (DPP) is Canon's image management software that comes bundled with certain Canon cameras, used for editing, organizing, and processing Canon RAW files Explores the potential and capabilities of DPP and how it can be integrated with other software such as Photoshop Award-winning author is a Canon Explorer of Light and a lecturer and consultant on digital imaging; he uses DPP daily as part of his own workflow and presents seminars on DPP at professional photography conferences Canon Digital Photo Professional Workflow gives anyone who uses a Canon camera the inside story on this powerful digital imaging tool.

The British National Bibliography

Palaspas

An Appreciation of Palm Leaf Art in the Philippines

Ateneo De Manila University Press

David Busch's Canon EOS RP Guide to Digital Photography

Rocky Nook, Inc. David Busch's Canon EOS RP Guide to Digital Photography is your all-in-one comprehensive resource and reference for the exciting new Canon EOS RP mirrorless camera. This highly-affordable model sports a 26.2 MP full frame sensor embedded with

4,779 Dual-Pixel phase detection AF points for lightning-fast, precise autofocus. The EOS RP's 2.36 million dot electronic viewfinder provides a bright, clear view as you shoot. There are three available adapters that it easy to supplement your RF-mount lenses with a broad selection of legacy Canon EF and EF-S optics. The EOS RP has wireless connectivity to allow linking the camera to a computer and iOS or Android smart devices, high-definition movie-making capabilities, and a versatile swiveling touch screen LCD. With this book in hand, you can quickly apply all these advanced features to your digital photography, while boosting your creativity to take great photographs with your Canon EOS RP. Filled with detailed how-to steps and full-color illustrations, David Busch's Canon EOS RP Guide to Digital Photography covers all this upscale camera's features in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy EOS RP "roadmap" chapter, an easy-to-use visual guide to the camera's features and controls. Learn when to use each option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, as an advanced enthusiast, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS RP today.

David Busch's Compact Field Guide for the Canon EOS Rebel T3/1100D

Muska/Lipman An introduction to the Canon EOS Rebel T3/1100D camera examines the purpose and function of the camera's basic controls and how to use them, accompanied by explanations of menu settings, using the flash, and shooting movies with Live View.

Every Man His Own Mechanic

A Complete and Comprehensive Guide to Every Description of Constructive and Decorative Work that May be Done by the Amateur Artisan at Home and in the Colonies

Plate to Pixel

Digital Food Photography and Styling

John Wiley & Sons

Choosing and Using a New CAT

Getting the Most from Your Schmidt Cassegrain or Any Catadioptric Telescope

Springer Science & Business Media Choosing and Using the New CAT will supersede the author's successful Choosing and Using a Schmidt-Cassegrain Telescope, which has enjoyed enthusiastic support from the amateur astronomy community for the past seven years. Since the first book was published, a lot has changed in the technology of amateur astronomy. The sophistication and variety of the telescopes available to amateurs has increased dramatically. Computerized SCTs, Maksutov-Cassegrains, and most recently Meade's new and acclaimed Ritchey-Chrétiens have come to dominate the market. That means that all amateurs considering the purchase of a new telescope (not only a SCT, and not just beginners) will benefit from this detailed guide. Choosing the right telescope for particular kinds of observation (or even for general work) is far from easy - but Rod Mollise gives invaluable advice and guidance.

The Digital Photography Book

The Step-by-step Secrets for how to Make Your Photos Look Like the Pros'!

Pearson Education Furnishes an overview of digital photography, covering such topics as cameras, exposure, lighting, shutter speed, depth of field, and resolution--and tips on how to avoid hours of photo-editing by taking great photographs the first time.

Textile Conservation

Routledge *Textile Conservation: Advances in Practice* demonstrates the development in the role and practice of the textile conservator and captures the current diversity of textile conservators' work. The book focuses on four major factors which have influenced development in textile conservation practice since the 1980s: the changing context, an evolution in the way conservators think about objects, the greater involvement of stakeholders, and technical developments. These are all integral to effective conservation decision-making. • Includes case studies from the UK, USA and mainland Europe and Asia • Assesses the conservation of objects in some of the world's major cultural institutions • Highly illustrated in full colour to show the effect of conservation in practice *Textile Conservation* is a reference manual for textile conservators, textile conservation students and museum and heritage professionals.

Nikon D7000 For Dummies

John Wiley & Sons Learn all about the Nikon D7000 the fun and friendly For Dummies way! Whether you're a digital camera beginner or an experienced photographer, this is the book you need to get the most out of the Nikon D7000, the update to Nikon's popular D90 model. The helpful tips and tricks in this fun and easy guide will get you quickly up to speed on the D7000's 16-megapixel sensor, 1080 HD video capabilities, eight-frames-per-second burst, improved ISO, and much more. Helps you get every bit of functionality out of the Nikon D7000 camera Walks you through its exciting new features, including the 16-megapixel sensor, 1080 HD video, 8-frames-per-second burst, improved ISO, and 39 autofocus points Guides you through the basics and beyond on lighting, exposure, focus, and color Reviews the important steps of getting photos from the camera to a PC, developing an effective file system, and sharing photos via print or online Shares photo-retouching tips and unique features of the camera that can be applied to various shooting situations Shoot stills, shoot video, and shoot, you're a professional photographer! It all starts here, with this great guide.

Building a Data Warehouse With Examples in SQL Server

Apress Here is the ideal field guide for data warehousing implementation. This book first teaches you how to build a data warehouse, including defining the architecture, understanding the methodology, gathering the requirements, designing the data models, and creating the databases. Coverage then explains how to populate the data warehouse and explores how to present data to users using reports and multidimensional databases and how to use the data in the data warehouse for business intelligence, customer relationship management, and other purposes. It also details testing and how to administer data warehouse operation.

Canon EOS Rebel T7/2000D For Dummies

John Wiley & Sons A photography class—in a book! Your Canon EOS Rebel T7/1400D provides enough camera power to take the pro-style shots you've dreamed of shooting—and this book shows you how. *Canon EOS Rebel T7/1400D For Dummies* bridges the gap between taking quick shots in auto mode and taking charge of the settings that offer full control of your pictures' focus, color, and light balance. Take a peek inside to discover all the expert tips and tricks to take brag-worthy portraits, action shots, and close-ups—in a flash. No matter your subject, you'll get all the know-how and instruction you need to get the picture-perfect shot every time. Get started with automatic and creative modes Take full control of exposure to achieve better results Understand the settings that control light and color Follow steps on properly using flash Even if you've never picked up a DSLR camera, this friendly guide makes it fast and easy to unlock all your powerful Canon has to offer!

Multimedia

Making it Work

Osborne Publishing Thoroughly updated for new breakthroughs in multimedia The internationally bestselling *Multimedia: Making it Work* has been fully revised and expanded to cover the latest technological advances in multimedia. You will learn to plan and manage multimedia projects, from dynamic CD-ROMs and DVDs to professional websites. Each chapter includes step-by-step instructions, full-color illustrations and screenshots, self-quizzes, and hands-on projects.

Canon EOS 60D For Dummies

John Wiley & Sons A full-color guide to all the bells and whistles in your new Canon 60D If you own a Canon 60D, you've got a camera for advanced amateurs and one that's very close to professional-level equipment. Now it's time to make sure you get the very most out of all that power. Julie Adair King teams up with Robert Correll to help digital camera users catch their skills up to what their cameras have to offer in this fun but thorough guide. Understand all your camera's features, move beyond the security blanket of Auto mode, and start capturing the pictures you've dreamed of. Gives you the full picture on Canon's EOS 60D dSLR camera, in the friendly, easy-to-follow, For Dummies style Helps you explore the 18-megapixel sensor, full HD video recording, a tilt-view LCD, and expanded in-camera editing tools and filters Teaches you tricks and techniques, with over 300 example photos and menu captures in full color Reveals how to adjust settings for optimal exposure, lighting, focus, and color Gives you ten top tips on photo editing The

Canon 60D dSLR camera, the expertise of Julie Adair King and Robert Correll, and your own, untapped ability?all you need now is the book! [Canon EOS 60D For Dummies.](#)

A Year with My Camera

The Workbook

The Complete Idiot's Guide to Canon EOS Digital Cameras

So you got a new camera because you wanted to shoot some photos of the kids visiting Grandma on vacation, but you suddenly discovered that the photos you took are good. Really good. Is it your natural ability or the great features you've found on your Canon EOS... or both? Suddenly you're inspired to take all kinds of creative shots-from fabulous sunsets to the fascinating places you visit. But whatever your passion, your Canon EOS lets you leave limitations behind and express your creativity in ways you never knew you could. This comprehensive guide, conveniently sized to fit in your camera bag, is packed with helpful information you'll use almost every time you pull out your camera, such as- [Information on how to use every feature and setting on your Canon EOS camera](#) [A basic tutorial or refresher course on exposure, aperture, shutter speed, and depth of field](#) [Tips and tricks on maximizing your lighting or creating different lighting effects](#) [Advice on choosing the best lenses for your needs](#)

Digital SLR Astrophotography

Cambridge University Press [In the last few years, digital SLR cameras have taken the astrophotography world by storm. It is now easier to photograph the stars than ever before! They are compact and portable, flexible to adapt with different lenses and for telescope use, and above all DSLR cameras are easy and enjoyable to use. In this concise guide, experienced astrophotography expert Michael Covington outlines the simple, enduring basics that will enable you to get started, and help you get the most from your equipment. He covers a wide selection of equipment, simple and advanced projects, technical considerations and image processing techniques. Unlike other astrophotography books, this one focuses specifically on DSLR cameras, not astronomical CCDs, non-DSLR digital cameras, or film. This guide is ideal for astrophotographers who wish to develop their skills using DSLR cameras and as a friendly introduction to amateur astronomers or photographers curious about photographing the night sky.](#)

Canon Speedlite System Digital Field Guide

John Wiley & Sons [Presents tips and techniques on creating professional lighting effects using the Canon Speedlite system.](#)

Canon EOS Digital Rebel XT/EOS 350D

Lark Books [Canon's newest digital camera is going to be hot, hot, hot! It's high quality, reasonably priced, lightweight, and constructed to feel comfortable in the hand. And the many avid amateurs snatching up this great equipment will want to understand how to get the most of every one of its state-of-the-art features, from its superb resolution to its super-fast speed. This Magic Lantern Guide has the answer to all their questions, because it explains in detail how to use all the wonderful enhancements: its ability to save large and fine resolution images direct to the CompactFlash Card, its user-selectable metering; and its single plate, high sensitivity, high resolution color CMOS imaging sensor technology.](#)

Nikon D3100 For Dummies

John Wiley & Sons [Unlock all the secrets of the powerful new Nikon D3100 DSLR camera Author Julie King knows how to teach newbies, and in this handy guide she'll help you get the very most out of the powerful new Nikon D3100. Say you're already an experienced photographer? The helpful tips and tricks in this friendly book will get you quickly up to speed on the D3100's new 14-megapixel sensor, continuous video/live focus, full HD video, expanded autofocus, and more. As a seasoned instructor at the Palm Beach Photographic Center, Julie anticipates all questions, whether you're a beginner or digital camera pro, and offers pages of easy-to-follow advice. Helps you get every bit of functionality out of the new Nikon D3100 camera Walks you through its exciting new features, including the 14-megapixel sensor, continuous video/live focus, full HD video, expanded autofocus, and the updated in-camera menu Explores shooting in Auto mode, managing playback options, and basic troubleshooting Explains how to adjust the camera's manual settings for your own preferred exposure, lighting, focus, and color style Covers digital photo housekeeping tips?how to organize, edit, and share your files Tap all the tools in this hot new DSLR camera and start taking some great pix with Nikon D3100 For Dummies.](#)

Astrophotography for the Amateur

Cambridge University Press [First published in 1999, this is an expanded and updated edition of the best-selling, standard handbook on astrophotography for amateurs.](#)

A First Course in Differential Equations with Modeling Applications

Cengage Learning A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICATIONS, 10th Edition strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This proven and accessible text speaks to beginning engineering and math students through a wealth of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and group projects. Written in a straightforward, readable, and helpful style, this book provides a thorough treatment of boundary-value problems and partial differential equations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Popular Photography

Bird Photography

Pure and Simple

Tern Book Company Incorporated

High Dynamic Range Digital Photography For Dummies

John Wiley & Sons Each book covers all the necessary information a beginner needs to know about a particular topic, providing an index for easy reference and using the series' signature set of symbols to clue the reader in to key topics, categorized under such titles as Tip, Remember, Warning!, Technical Stuff and True Story.

Chemical Engineering Computation with MATLAB®

CRC Press Chemical Engineering Computation with MATLAB®, Second Edition continues to present basic to advanced levels of problem-solving techniques using MATLAB as the computation environment. The Second Edition provides even more examples and problems extracted from core chemical engineering subject areas and all code is updated to MATLAB version 2020. It also includes a new chapter on computational intelligence and: Offers exercises and extensive problem-solving instruction and solutions for various problems Features solutions developed using fundamental principles to construct mathematical models and an equation-oriented approach to generate numerical results Delivers a wealth of examples to demonstrate the implementation of various problem-solving approaches and methodologies for problem formulation, problem solving, analysis, and presentation, as well as visualization and documentation of results Includes an appendix offering an introduction to MATLAB for readers unfamiliar with the program, which will allow them to write their own MATLAB programs and follow the examples in the book Provides aid with advanced problems that are often encountered in graduate research and industrial operations, such as nonlinear regression, parameter estimation in differential systems, two-point boundary value problems and partial differential equations and optimization This essential textbook readies engineering students, researchers, and professionals to be proficient in the use of MATLAB to solve sophisticated real-world problems within the interdisciplinary field of chemical engineering. The text features a solutions manual, lecture slides, and MATLAB program files.

Food Ethics

Cengage Learning FOOD ETHICS, 2E explores the ethical choices we make each time we eat. With twenty-six readings that bring together a diverse group of voices, this textbook dives into issues such as genetically modified foods, animal rights, population and consumption, the food industry's impact on pollution, centralized versus localized production, and more. In addition, this edition includes new introduction, new readings, a comprehensive index, and study questions that frame these significant issues for discussion and reflection. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.