1000D For Dummies

Canon EOS Rebel XS / 1000D For Dummies

The new Canon EOS Rebel XS is designed to capture the perfect photos. But if you're new to SLRs, digital photography can be a bit intimidating. Canon EOS Rebel XS/1000D For Dummies shows you how to get the most out of this digital camera, taking advantage of its 10.1 megapixel CMOS sensor with DIGIC III image processor. This book offers explanations of all the controls and menus, suggestions to make using lenses a breeze, and picture-taking advice to give you the confidence to start shooting fantastic photos. You'll learn to manage aperture, shutter speed, and ISO, and work with the Auto Lighting Optimizer to enhance your creativity. You'll also discover how to: Handle and manipulate lenses Get creative with exposure, lighting, and color balance Download, organize, print, and share your photos See how to use the Live View mode, adjust settings, and get great shots in automatic or manual mode Use Autofocus with Live View, set white balance, and choose a color space Work with Canon's downloading tools, prepare images for print, and create Web-friendly files Get great photos in automatic modes Follow ten speedy editing tricks Avoid motion blur and noise Check focus by magnifying the view Capture action, scenic vistas, and close-ups Print from rhe ZoomBrowser EX/ImageBrowser You've invested in the Canon EOS Rebel XS, so it makes sense to learn the best techniques for using this camera. Canon EOS Rebel XS/1000D For Dummies gives you the knowledge to become a pro.

Canon EOS 60D For Dummies

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-mexapixel 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.

Nikon D7000 For Dummies

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.

Canon EOS Rebel T3/1100D For Dummies

The perfect guide to get you up and running with your new Canon dSLR camera The Canon EOS Rebel T3/1100D is a popular dSLR camera for those moving up from point-and-shoot for the first time. This full-color guide explains all the buttons, dials, and menus, helping you understand your camera and start using all its features. Plenty of colorful photos from the author's portfolio illustrate what you can achieve. The book covers shooting in auto mode, using the onboard controls, working with Live View, and managing exposure, focus, color, and lighting. It also addresses specific shooting situations, how to get your images from the camera to the computer, and tips on editing and sharing your photos. Canon's Rebel T3/1100D is a popular starter camera for those moving from point-and-shoot to SLR; this book helps dSLR newcomers understand and use all the controls Covers using all the dials, menus, and modes; working with Live View and playback; dialing in exposure and managing lighting; and shooting in auto mode Explains how to get the best images in various situations Addresses how to get images from the camera to the computer, editing techniques, and how to print photos or post them online Full-color photos from the author's collection show what you can achieve Anyone moving up to dSLR photography with the Canon T3/1100D will gain skill and confidence from this easy-to-follow guide.

Olympus PEN E-PL1 For Dummies

A friendly guide to the Olympus E-PL1, the latest trend in digital cameras Hybrids offer the flexibility of interchangeable lenses and a large sensor in a smaller body. The Olympus E-PL1 lightens your load without sacrificing shooting power and this fun and friendly guide helps you better understand your camera's controls, features, and potential. Veteran author Julie Adair King presents you with examples on how to use your camera's main functions in order to create effective and memorable digital photos. Explains how to work with lenses and shoot in auto mode Covers the on-board controls and situational shooting Addresses manipulating focus and color controls Discusses printing, posting online, and other ways to share images Get started shooting with Olympus E-PL1 For Dummies!

Canon EOS Rebel T3i / 600D For Dummies

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 play back 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 T2i / 550D For Dummies

The straightforward guide to the new Canon EOS Rebel T2i/550D Popular tech blog Gizmodo.com called the Canon EOS Rebel T2i/550D \"an incredible camera – everything a first DSLR should be.\" With 1080p digital video capability and an 18 megapixel sensor that improves low-light shooting all for under $900, the accolades are well-earned. And for less than $30, you can learn how to maximize your digital photography experience! Packed with more than 300 color photos and 100 color screen captures throughout, this beginner

book walks you through the camera's controls, features, and shooting modes. If you're new to the Canon EOS Rebel T2i/550D, this fun and friendly guide shifts you out of automatic mode and helps you shoot memorable digital photos. Aimed at first-time dSLR users looking for a guide that clearly and patiently explains the features and controls of the Canon EOS Rebel T2i/550D Explores the on-board controls and situational shooting Addresses using live view and playback modes Explains dialing in exposure and lighting controls Details how to edit, print, post online, and other ways to share images Spells out how to manipulate focus and color controls Canon EOS Rebel T2i/550D For Dummies delivers a straightforward look through the lens of your dSLR!

Digital SLR Photography All-in-One For Dummies

A complete, full-color guide to all the elements of dSLR photography If you have a digital SLR camera, you'll find everything you need in this full-color reference to help you get the best results. Ten self-contained minibooks cover the basics of dSLR photography and address camera models from the five leading dSLR manufacturers. Topics include lenses, exposure, lighting, composition, processing and editing, a guide to manufacturers and systems, and a guide to camera settings, plus separate minibooks covering video and high dynamic range (HDR) photography. This full-color volume covers all the key elements essential to good photography as well as the basics of camera bodies and lenses, dSLR workflow, and advice on the best camera settings to use for different situations Covers lighting, composition, and exposure as well as macro and telephoto lenses Features minibooks on video, HDR photography, processing and editing images, and a guide to leading camera manufacturers and systems Digital SLR Photography All-in-One For Dummies replaces an entire shelf of digital photography books and helps you get the photos you dream of.

Nikon D3100 For Dummies

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, continous 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, continous 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.

Canon EOS Rebel T1i / 500D For Dummies

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!

QEX.

\"Mathematica in Action, 2nd Edition,\" is designed both as a guide to the extraordinary capabilities of Mathematica as well as a detailed tour of modern mathematics by one of its leading expositors, Stan Wagon. Ideal for teachers, researchers, mathematica enthusiasts. This second edition of the highly sucessful W.H. Freeman version includes an 8 page full color insert and 50% new material all organized around Elementary Topics, Intermediate Applications, and Advanced Projects. In addition, the book uses Mathematica 3.0 throughtout. Mathematica 3.0 notebooks with all the programs and examples discussed in the book are available on the TELOS web site (www.telospub.com). These notebooks contain materials suitable for DOS, Windows, Macintosh and Unix computers. Stan Wagon is well-known in the mathematics (and Mathematica) community as Associate Editor of the \"American Mathematical Monthly,\" a columnist for the \"Mathematical Intelligencer\" and \"Mathematica in Education and Research,\" author of \"The Banach-Tarski Paradox\" and \"Unsolved Problems in Elementary Geometry and Number Theory (with Victor Klee), as well as winner of the 1987 Lester R. Ford Award for Expository Writing.

Mathematica in Action

Shows tech hobbyists how to build the perfect PC, whether they want to create the ultimate gaming machine or combine new and recycled parts to construct an inexpensive computer for a child The do-it-yourself craze is sweeping through the tech community, and this guide is now significantly revised and updated to cover the wide array of new hardware and accessories available Step-by-step instructions and dozens of photos walk first-time computer builders through the entire process, from building the foundation, and adding a processor and RAM, to installing a video card, configuring a hard drive, hooking up CD and DVD drives, adding a modem, and troubleshooting problems

Building a PC For Dummies

Mathematica Cookbook helps you master the application's core principles by walking you through real-world problems. Ideal for browsing, this book includes recipes for working with numerics, data structures, algebraic equations, calculus, and statistics. You'll also venture into exotic territory with recipes for data visualization using 2D and 3D graphic tools, image processing, and music. Although Mathematica 7 is a highly advanced computational platform, the recipes in this book make it accessible to everyone -- whether you're working on high school algebra, simple graphs, PhD-level computation, financial analysis, or advanced engineering models. Learn how to use Mathematica at a higher level with functional programming and pattern matching Delve into the rich library of functions for string and structured text manipulation Learn how to apply the tools to physics and engineering problems Draw on Mathematica's access to physics, chemistry, and biology data Get techniques for solving equations in computational finance Learn how to use Mathematica for sophisticated image processing Process music and audio as musical notes, analog waveforms, or digital sound samples

Transportation Research Record

This book covers specific aspects of submarine hydrodynamics in a very practical manner. The author reviews basic concepts of ship hydrodynamics and goes on to show how they are applied to submarines, including a look at the use of physical model experiments. The book is intended for professionals working in submarine hydrodynamics, as well as for advanced students in the field. This revised edition includes updated information on empirical methods for predicting the hydrodynamic manoeuvring coefficients, and for predicting the resistance of a submarine. It also includes new material on how to assess propulsors, and includes measures of wake distortion, which has a detrimental influence on propulsor performance.

Additional information on safe manoeuvring envelopes is also provided. The wide range of references has been updated to include the latest material in the field.

The Performance of Thin Wall Concrete Pipe

Explore the world of .NET design patterns and bring the benefits that the right patterns can offer to your toolkit today About This Book Dive into the powerful fundamentals of .NET framework for software development The code is explained piece by piece and the application of the pattern is also showcased. This fast-paced guide shows you how to implement the patterns into your existing applications Who This Book Is For This book is for those with familiarity with .NET development who would like to take their skills to the next level and be in the driver's seat when it comes to modern development techniques. Basic object-oriented C# programming experience and an elementary familiarity with the .NET framework library is required. What You Will Learn Put patterns and pattern catalogs into the right perspective Apply patterns for software development under C#/.NET Use GoF and other patterns in real-life development scenarios Be able to enrich your design vocabulary and well articulate your design thoughts Leverage object/functional programming by mixing OOP and FP Understand the reactive programming model using Rx and RxJs Writing compositional code using C# LINQ constructs Be able to implement concurrent/parallel programming techniques using idioms under .NET Avoiding pitfalls when creating compositional, readable, and maintainable code using imperative, functional, and reactive code. In Detail Knowing about design patterns enables developers to improve their code base, promoting code reuse and making their design more robust. This book focuses on the practical aspects of programming in .NET. You will learn about some of the relevant design patterns (and their application) that are most widely used. We start with classic object-oriented programming (OOP) techniques, evaluate parallel programming and concurrency models, enhance implementations by mixing OOP and functional programming, and finally to the reactive programming model where functional programming and OOP are used in synergy to write better code. Throughout this book, we'll show you how to deal with architecture/design techniques, GoF patterns, relevant patterns from other catalogs, functional programming, and reactive programming techniques. After reading this book, you will be able to convincingly leverage these design patterns (factory pattern, builder pattern, prototype pattern, adapter pattern, facade pattern, decorator pattern, observer pattern and so on) for your programs. You will also be able to write fluid functional code in .NET that would leverage concurrency and parallelism! Style and approach This tutorial-based book takes a step-by-step approach. It covers the major patterns and explains them in a detailed manned along with code examples.

Official Gazette of the United States Patent and Trademark Office

Everyone has to get a new computer at some time or another so why not get the computer you always wanted? Sure you can buy a nice computer off of the store shelf but you never really get exactly what you want that way. When you build your own computer, you are in charge of what components are going to be used so you know that it will perform the way you want it to. The goal of this book is to help you choose the parts (components) for your new computer so you can end up with a computer that does what you want it to do. Then you will be taken through the build process with step by step instructions and illustrations making it easy to get your new computer up and running in no time. Finally you will be guided through the process of installing an operating system on your computer so you can start enjoying your work. The chapters in the book cover the following topics: Chapter 1 - Why Build Your Own Computer? Chapter 2 - Choosing Components Chapter 3 - Planning Your Build Chapter 4 - Putting the Pieces Together Chapter 5 - Initial Power Up Chapter 6 - Installing Your Operating System About the Author James Bernstein has been working with various companies in the IT field since 2000, managing technologies such as SAN and NAS storage, VMware, backups, Windows Servers, Active Directory, DNS, DHCP, Networking, Microsoft Office, Exchange, and more. He has obtained certifications from Microsoft, VMware, CompTIA, ShoreTel, and SNIA, and continues to strive to learn new technologies to further his knowledge on a variety of subjects. He is also the founder of the website OnlineComputerTips.com, which offers its readers valuable information on topics such as Windows, networking, hardware, software, and troubleshooting. Jim writes much of the

content himself and adds new content on a regular basis. The site was started in 2005 and is still going strong today.

Mathematica Cookbook

Interfacing PIC Microcontrollers, 2nd Edition is a great introductory text for those starting out in this field and as a source reference for more experienced engineers. Martin Bates has drawn upon 20 years of experience of teaching microprocessor systems to produce a book containing an excellent balance of theory and practice with numerous working examples throughout. It provides comprehensive coverage of basic microcontroller system interfacing using the latest interactive software, Proteus VSM, which allows real-time simulation of microcontroller based designs and supports the development of new applications from initial concept to final testing and deployment. - Comprehensive introduction to interfacing 8-bit PIC microcontrollers - Designs updated for current software versions MPLAB v8 & Proteus VSM v8 - Additional applications in wireless communications, intelligent sensors and more

Ridesharing 1981

Theory of Particulate Processes: Analysis and Techniques of Continuous Crystallization, Second Edition covers the numerous population balance-based particulate studies. This edition emerged from the notes for an industrial short course on crystallization. This book is divided into 10 chapters and begins with an outline of the methods for representation of particle distributions and a systematic approach to the predictive modeling of processes where there is a need to characterize distributions in time and space and by some identifying property. The succeeding chapters provide a specific and more elementary approach to modeling crystal size distributions, as well as the modeling the kinetics of crystal nucleation and growth rates. Other chapters discuss a wide range of system analysis and design considerations specific to crystallization for both the steady state and unsteady state. The final chapters illustrate the use of a population balance analysis to interpret data from both laboratory and process equipment. These chapters also explore a wide variety of particulate processes and systems for which the population balance analysis is useful. This book is of great value to graduate students with particulate systems course.

Soil-structure Interaction of Subsurface Conduits

If you've dreamed about having a customized multimedia PC or one tricked out for your favorite games, build your own and make your dreams come true! Build Your Own PC Do-It-Yourself For Dummies makes it easy. Not only is building your own PC a really rewarding project, it can also save you a nice chunk of cash. This step-by-step guide helps you decide what you need, teaches you what all those computer terms mean, and tells you exactly how to put the pieces together. It shows you: What tools you need (not as many as you might think!) All about operating systems How to install CD and DVD drives The scoop on sound and video, and how to put a sound system together from start to finish How to connect a monitor and install a modem All about setting up and configuring the hard drive Secrets for securing your system, and more Included is a bonus DVD showing you how to install the motherboard, CPU, RAM, ports, hard drive, video and sound cards, a DVD drive, and more. With Build Your Own PC Do-It-Yourself For Dummies, you can have the computer you want plus the satisfaction of doing it yourself! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Submarine Hydrodynamics

\"The book comprehensively covers all the current and the emerging areas of the physics and the technology of high permittivity gate dielectric materials, including, topics such as MOSFET basics and characteristics, hafnium-based gate dielectric materials, Hf-based gate dielectric processing, metal gate electrodes, flat-band and threshold voltage tuning, channel mobility, high-k gate stack degradation and reliability, lanthanide-based high-k gate stack materials, ternary hafnia and lanthania based high-k gate stack films, crystalline high-

k oxides, high mobility substrates, and parameter extraction. Each chapter begins with the basics necessary for understanding the topic, followed by a comprehensive review of the literature, and ultimately graduating to the current status of the technology and our scientific understanding and the future prospects.\" .

Atmospheric Emergencies

\"I didn't care about what would happen. He might win the match, but he could never beat me. I was living my dream, traveling the world with complete freedom. Nothing could put me down. The play button was pressed again. My opponent took my back and I tapped to a bow and arrow choke. I laughed and shook his hand, as I stood back up. I was out of the competition. Everything was perfect. Life couldn't be better.\" After a training partner commits suicide, Christian Graugart feels obliged to do something with his life. Starting his own gym, dedicating almost all his time to the art of BJJ, alters everything, including the way he sees himself. The Brazilian Jiu Jitsu Globetrotter is not only a story about traveling and training in martial arts. It's about all the things that can happen to you if you choose to truly stay alive until you actually die.

Atmospheric Emergencies

This revision introduces the characteristics of the Motorola 68000 family of processors.

.NET Design Patterns

Mathematica has defined the state of the art in technical computing for nearly a decade, and has become a standard in many of the world's leading companies and universities. From simple calculator operations to large-scale programming and interactive document preparation, Mathematica is the tool of choice at the frontiers of scientific research, in engineering analysis and modeling, in technical education from high school to graduate school, and wherever quantitative methods are used.

Building Your Own Computer Made Easy

These proceedings cover new developments for a number of the most advanced methods for acceleration of heavy ions, protons, electrons and positrons.

Interfacing PIC Microcontrollers

Memorandum
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