Canon 300d Digital Camera User Guide

"The new era of powerful, mobile computing and sensing devices having ever larger memories and personal databases brings to light a number of difficult problems in software, interface design, search, organization of information, and methods for inferring context and for sharing personal content... The authors have done an admirable job at describing the problems and opportunities and, as such, this book should be on the shelves of researchers struggling to make these mobile devices truly valuable to the ever expanding number of their users." —David G. Stork, Chief Scientist, Ricoh Innovations Personal Content Experience is a comprehensive introduction to mobile personal content. The book introduces and explores issues such as context capture, user interfaces for continuous mobile use, UI design for mobile media applications, metadata magic, virtual communities, and ontologies. User interactions and behavioural patterns with personal content are also covered, resulting in a 'GEMS' lifecycle model for analysing media devices, services, applications, and user interfaces. In addition, the book describes an extensible software architecture targeted at content management in mobile devices, pointing out the essential topics that will benefit anyone developing mobile content-intensive applications and services. Personal Content Experience: Establishes a foundation for analyzing applications, services and user interfaces targeted at personal content. Provides a strong industrial insight, combining hands-on examples, application concepts and software architecture descriptions with theoretical frameworks and models. Offers a multi-disciplinary approach, considering both user perspective and technology aspects. This book is a clear and practical guide to the field of personal content and will be invaluable to practitioners in mobile industry and digital content management, media-intensive application developers, content creators and distributors, academic researchers, and lecturers in computer science and multimedia.

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.

In addition to a general overview of digital versus traditional photography, there's a thorough discussion of how to utilize image stabilization, smile and blink recognition technology, the built-in flash and zoom lens, and every feature and function: how to edit in-camera, get the most from preset shooting modes, and handle the memory card, accessories, and flash.

Word of Canon's innovative, new EOS Digital Rebel (EOS 300 D outside North America) spread across the Internet and around the world like wildfire. With this Magic Lantern Guide-written by the editor of PC Photo magazine-every customer can take complete advantage of the features in this hot, popularly priced model. Users will find out all they need to know about the Digital Rebel's 6-megapixel CMOS sensor to get

good exposures in all kinds of lighting. They'll learn about its RAW and JPEG file formats, and how to download pictures into the computer. From tips and techniques for using the camera's many automated features to information on Canon's extensive line of lenses, this guide covers it all.

The book describes — How to shoot and process still image "nightscapes" – images of landscapes taken at night by the light of the Moon or stars … and … How to shoot and assemble time-lapse movies of the stars and Milky Way turning above Earthly scenes, all using DSLR cameras. The 400-page multi-touch book includes — 50 embedded HD videos (no internet connection required) demonstrating time-lapse techniques. 60 multi-page tutorials with step-by-step instructions of how to use software: Adobe Bridge, Adobe Camera Raw, Photoshop, Lightroom, LRTimelapse, Advanced Stacker Actions, StarStaX, Panolapse, Sequence, GBTimelapse, and more. Numerous Photo 101 sections explaining the basic concepts of photography and video production (f-stops, ISOs, file types, aspect ratios, frame rates, compression, etc.). Numerous Astronomy 101 sections explaining the basics of how the sky works (how the sky moves, where the Moon can be found, when the Milky Way can be seen, when and where to see auroras). Reviews of gear – I don't just mention that specialized gear exists, I illustrate in detail how to use popular units such as the Time-Lapse+, Michron, and TriggerTrap intervalometers, and the All-View mount, Radian, Mindarin Astro, eMotimo, and Dynamic Perception motion-control units, with comments on what's good – and not so good – to use. You'll learn — What are the best cameras and lenses to buy (cropped vs. full-frame, Canon vs. Nikon, manual vs. automatic lenses, zooms vs. primes). How to set your cameras and lenses for maximum detail and minimum noise (following the mantra of "exposing to the right" and using dark frames). How to shoot auroras, conjunctions, satellites, comets, and meteor showers. How to shoot nightscapes lit only by moonlit, and how to determine where the Moon will be to plan a shoot. How to shoot & stitch panoramas of the night sky and Milky Way, using Photoshop and PTGui software. How to shoot tracked long exposures of the Milky Way using camera trackers such as the iOptron Star Tracker and Sky-Watcher Star Adventurer. How to develop Raw files, the essential first step to great images and movies. How to process nightscape stills using techniques such as compositing multiple exposures, masking ground and sky, and using non-destructive adjustment layers and smart filters. How to shoot and stack star trail images made of hundreds of frames. How to assemble time-lapse movies from those same hundreds of frames. How to plan a time-lapse shoot and calculate the best balance of exposure time vs. frame count vs. length of shoot, and recommended apps to use. How to process hundreds of frames using Adobe Camera Raw, Bridge, Photoshop, and Lightroom. How to shoot and process advanced "Holy Grail" time-lapse transitions from day to night. How to shoot motion-control sequences using specialized dolly and pan/tilt devices. How to use time-lapse processing tools such as LRTimelapse, Panolapse, Sequence, and Advanced Stacker Actions. What can go wrong and how best to avoid problems in the field.

Digital SLRs are the hottest cameras on the market, and Nikon's interchangeable lens, D70, is one of the best, delivering superb image quality at an excellent price. Make the most of its many capabilities with this guide to all the fundamentals, plus information not even covered in the camera's instruction manual. With the Magic Lantern at hand, photographers at all levels will find it extremely easy to master the exclusive selection

of new features that distinguish this revolutionary model, and to work with digital technology. From handling the lenses to coordinating the camera with the computer, from taking a basic picture to understanding different file formats and resolution, it's all here.

This book provides comprehensive and updated knowledge about dental digital photography. The first part of this book focuses on the fundamental theory of photography, how to select photographic equipment and the basic applications of digital photography in various aspect in dentistry. It is not only helpful to get more clearly understanding of the concept and methods of dental digital photography, but also instructive for dentist to apply photography during their daily treatment. The second part of the book summaries the different category of digital images. It describes the post-processing methods of the images and the "digital smile design(DSD)" basic process, which highlight the instructive aspects for clinical work. In the Chapter named 'cosmetic dental treatment based on digital photography', comprehensive cosmetic cases are provided; Appendix contains a variety of dental photography standards.

From the editors of PCPhoto magazine, the number one digital photography magazine, comes the most comprehensive guide to the fastest-selling cameras made today. Here is a photographer's dream manual, with the newest and hottest cameras, high-quality images, and unequaled, in-depth information provided by an expert author and PCPhoto, the best photography magazine on the market. The handbook includes a thorough, in-depth examination of what makes digital photography special, and how the LCD monitor changes the way you shoot. There's a discussion of the importance of resolution, the various formats and file options available, and memory cards and storage choices. Tips on getting the best exposure, making the most of flash, using different lenses and filters, and finding effective ways of applying image-editing software will all help photographers get truly creative. Rob Sheppard, the editor of both Outdoor Photographer and PCPhoto magazines, is also the author of the Epson Complete Guide to Digital Printing. PCPhoto magazine is designed to help readers understand how to best use digital photography technologies from a photographic rather than computer perspective. It is the most popular photo magazine of its type.

This book de-mystifies the jargon of webcams and computer processing, and provides detailed hints and tips for imaging the Sun, Moon and planets with a webcam. It demonstrates how inexpensive tools are revolutionizing imaging in amateur astronomy. Anyone with a modest telescope and a webcam can now obtain jaw-dropping lunar and planetary images to rival those taken with mid-range astronomical CCD cameras costing thousands of dollars. A glance through the images in this book shows just what spectacular results can be achieved by using a webcam with your telescope! Your scientific results will be sought by professional astronomers.

The International Symposium on Experimental Robotics (ISER) is a series of bi-annual meetings, which are organized, in a rotating fashion around North America, Europe and Asia/Oceania. The goal of ISER is to provide a forum for research in robotics that focuses on novelty of theoretical contributions validated by experimental results. The meetings are conceived to bring together, in a small group setting, researchers from around the world who are in the forefront of experimental robotics research. This unique reference presents the latest advances across the various fields of robotics, with ideas that are not only conceived conceptually but also explored experimentally. It collects

robotics contributions on the current developments and new directions in the field of experimental robotics, which are based on the papers presented at the 13the ISER held in Québec City, Canada, at the Fairmont Le Château Frontenac, on June 18-21, 2012. This present thirteenth edition of Experimental Robotics edited by Jaydev P. Desai, Gregory Dudek, Oussama Khatib, and Vijay Kumar offers a collection of a broad range of topics in field and human-centered robotics.

Michael Freeman has a well-earned reputation for effectively explaining the concepts behind digital picture-taking. Here, he turns his attention to professionals and advanced hobbyists who need help moving to digital and mastering the latest technology. Taking into account contemporary cameras' latest features, such as high resolution sensors, image stabilization, and dust reduction, Freeman thoroughly answers the most frequently asked questions about digital capture, storage, printers, and scanners. Photographers will learn the different file formats and how to save images for print and publishing on the web. They'll explore valuable software tools and basic image processing programs that fix common problems, and see how to improve pictures using an assortment of cropping and filtering techniques. The smart, detailed advice will give photographers confidence as they enter the digital world.

Finally, an easy-to-understand manual that is a match for the camera it describes! Gary Friedman's book on the Canon Digital Rebel XSi DSLR provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples as well. If you've been looking for the fastest and most enjoyable path to proficiency with your camera, you've found it! In this 415-page book you'll learn: * What every mode, knob, and button do - in plain, easy-to-understand text. * The secrets of taking outstanding photos that make people say, "Wow!". * All about the 7 flash modes - including an entire chapter on Wireless Flash! * The most common digital "jargon" and what it all means to you. Get the most out of your investment - Learn about your camera and improve your photography at the same time! This book is also available as an instantly-downloadable, full-color .pdf file for only USD $24.93 at www.FriedmanArchives.com/rebelxsi

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.

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"How to Observe the Sun Safely, 2nd Edition" gives all the basic information and advice the amateur astronomer needs to get started in observing our own ever-fascinating star. Unlike many other astronomical objects, you do not need a large telescope or expensive equipment to observe the Sun. And it is possible to take excellent pictures of the Sun with today's low-cost digital cameras! This title concentrates on providing practical, on-the-spot advice to the amateur astronomer who is interested in observing the Sun, using commercially available equipment. This book surveys what is visible on the Sun, before describing how to record solar features and measure solar activity levels. There is also an account of how to use H-alpha and Calcium-K filters to observe and record prominences and other features of the solar chromosphere, the Sun's inner atmosphere. Because we are just entering a period of high activity on the Sun, following a long, quiet period, many more amateur astronomers will become interested in observing it. The second edition includes an update of Chapter 2 to reflect advances in solar observing equipment since 2002, and a section on building a solar projection box, originally included in the main body of this chapter has been moved to Appendix A. Also Chapter 6 thru 8 have been completely revised to give amateur astronomers advice on how to use film to photograph the Sun, and how to use digital cameras. This new edition also includes more than twice as many illustrations as the first and almost half of them new images.

Take photos like a pro without breaking the bank by using FREE and nearly FREE software and hardware explained in this book. Get professional looking shots from a low-cost camera Save money by building your own lighting rigs, tripods, monopods and stabilisers for next to nothing Learn how to use older lenses on modern digital cameras, and make your own macro lens, lens hoods, flash diffusers, flash concentrators, decorative Bokeh effect lenses and more Use dozens of FREE and low cost photo applications for processing, viewing, cataloguing, editing, creating HDR, and photo stitching Build powerful photography processing and editing suites with free software and plugins that go head to head with expensive tools like Adobe Photoshop and Lightroom

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.

Digital Collage and Painting proudly showcases the work of twenty-one talented digital artists. Each artist walks you through the creation of a piece of their art and lets you in on their secrets about equipment, software, favorite papers, and how their creative process begins. The artists

included are: Audrey Bernstein Paul Biddle Leslye Bloom Stephen Burns Luzette Donohue Katrin Eismann Paul Elson Steven Friedman Ileana Frómeta Grillo Bill Hall Julieanne Kost Rick Lieder Bobbi Doyle-Maher Ciro Marchetti Lou Oates Cher Threinen-Pendarvis James G. Respess Fay Sirkis Jeremy Sutton Maggie Taylor Pep Ventosa ThePaci?c-AsiaConferenceonKnowledgeDiscoveryandDataMining(PAKDD) has been held every year since 1997. PAKDD 2008, the 12th in the series, was heldatOsaka,JapanduringMay20–23,2008.PAKDDisaleadinginternational conference in the area of data mining. It provides an international forum for - searchers and industry practitioners to share their new ideas, original research results, and practical development experiences from all KDD-related areas - cluding data mining, data warehousing, machine learning, databases, statistics, knowledge acquisition, automatic scienti?c discovery, data visualization, causal induction, and knowledge-based systems. This year we received a total of 312 research papers from 34 countries and regions in Asia, Australia, North America, South America, Europe, and Africa. Every submitted paper was rigorously reviewed by two or three reviewers, d- cussed by the reviewers under the supervision of an Area Chair, and judged by the Program Committee Chairs. When there was a disagreement, the Area Chair and/or the Program Committee Chairs provided an additional review. Thus, many submissions were reviewed by four experts. The Program Comm- tee members were deeply involved in a highly selective process. As a result, only approximately11.9%ofthe312submissionswereacceptedaslongpapers,12.8% of them were accepted as regular papers, and 11.5% of them were accepted as short papers. David Busch's Canon EOS Rebel T6/1300D Guide to Digital SLR Photography is your complete all-in-one comprehensive resource and reference for the Canon EOS Rebel T6/1300D. Aimed at budding photo enthusiasts seeking to improve their photographic skills, the T6/1300D is a budget-priced digital SLR with an impressive range of features, 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 an 18-megapixel sensor, full HD movie-making, an accurate 9-point 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. With clear how-to steps and full-color illustrations, David Busch's Canon EOS Rebel T6/1300D 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 T6/1300D "roadmap" chapter, 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 just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS Rebel T6/1300D today. The Canon EOS Rebel X line of consumer-oriented D-SLR cameras has made its indelible mark on the market. Canon sells tons of these models--and that's why the Magic Lantern Guides and DVDs that explain how to use them are bestsellers too. The Rebel XSi (the EOS 450D outside of North America) is the most recent update, and it's bound to be a hit with its 12.2 MP sens? fast-focusing 9-point AF system; and large 3.0-inch LCD monitor with Live View function. Released right alongside this fabulous camera, Magic Lantern's book and DVD will be a must for every XSi owner. This introduction to the key elements of photography uses detailed diagrammatic explanation, associated theories and historical references to explain the underlying principles of photographic practice. It offers a unique insight into the working practices of creative photographers. This title will provide the reader with the advanced techniques to truly master the new

photographic media. Structured around the three main areas of shooting the image, enhancing the image and enjoying the image, the Digital Photography series makes the world of digital imaging simple while concentrating on the photographic aspect. With the aid of inspirational images we are shown in easy steps how the image was taken, manipulated on the computer and output in the desired form.

Introduces digital photography and explains how to import, modify, organize, transfer, and present photographs using the Macintosh photograph editing and management software.

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!

David Busch's Canon EOS 90D Guide to Digital Photography is your all-in-one comprehensive resource and reference for the advanced Canon EOS 90D camera. This upgraded 32.5 megapixel APS-C model features a 45-point autofocus system. The Dual Pixel CMOS hybrid autofocus brings lightning-fast phase detect AF to live view and high-definition movie modes, too. The 90D's metering system includes a 220,000-pixel RGB+Infrared sensor with Face Detection for accurate exposure control. The 90D has Wi-Fi/ Bluetooth connectivity to allow linking the camera to a computer and iOS or Android smart devices, and an improved 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 90D.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Canon EOS 90D 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 90D "roadmap," 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 90D today.

Understanding Digital Cameras will help you to: * Choose the right camera, lens and output option to capture the perfect image * Develop great technique, whatever your style or subject matter * Be inspired! Showcasing a wide range of images, plus the work and insights of guest photographers This key resource for all photographers will help you get the very best from today's sophisticated digital cameras. Discover which type of camera, lens, lighting and printer

is right for you with clear explanations and close-ups of camera settings and menus. A key tool to improve your photography is to see comparison images side by side. Tarrant shoots the same scene with different equipment or a different approach, to show exactly what a camera and technique can or can't do. He also shows you images that haven't worked - and explains precisely why. In this book you will learn essential photographic techniques, before moving on to specific genres: people, nature, action shots and working in the studio. Detailed captions throughout explain which camera and lens was used for each shot and highlight key factors in getting the right exposure, lighting and composition. There is an essential troubleshooting guide to printing errors such as smudges, lines and colour casts. Discover how to produce fine art prints and optimize images for the Web. Plus key technical information on digital and optical quality and colour management. Packed with tips, clear explanations, with all photography terms defined, box outs with key information, and showcasing a wide range of image styles and subjects, this book (and a camera!), is all you need to start creating great images! Jon Tarrant has spent many years as an award-winning professional photographer and much-published photographic writer. He is former editor of the British Journal of Photography, to which he still contributes, and of Professional Photographer and HotShoe International magazines. * Choose the right camera, printer and software to capture the perfect image and produce the best print or image for the Web * Improve the creativity of your digital pictures - without having to use a computer * Packed with colour images, diagrams and charts for easy, visual learning!

Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

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.

The techniques illustrated in this handbook inspire photographers to take photographs when they would otherwise put their camera away—in low-light and

nighttime situations. A comprehensive discussion of color and tone teaches photographers how to change their overall perceptions in low-light environments and adjust their exposure settings and filters to suit a variety of light levels. The most adverse lighting situations are covered, such as floodlit cityscapes, lightning, sunsets, stage shows, and fireworks. Tips on taking advantage of the digital environment's ability to manipulate and enhance low-light images both during and after the photo shoot are offered and technical information on both cameras and the latest software is discussed.

David Busch's Canon EOS 5D Mark IV Guide to Digital SLR Photography is your essential reference and guide book for Canon's ground-breaking 30.4 megapixel full frame dSLR. Canon's most versatile professional/enthusiast camera is adept at still photography, combining a high-resolution sensor with 7 fps continuous shooting, blazing fast autofocus, and excellent high-ISO performance. Those shooting video will be equally impressed with its 4K Ultra High Definition movie mode and Dual Pixel AF that allows continuous autofocus even when capturing video. Touch screen access to features, a 150,000-pixel RGB+infrared exposure sensor, and built-in Wi-Fi and GPS add to the 5D Mark IV's appeal. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'} span.s1 {font: 12.0px Times} With this book in hand, you will discover all the capabilities of the Canon EOS 5D Mark IV as you explore the world of digital photography, develop your creativity, and capture the best photographs you've ever taken. Filled with detailed how-to steps and full-color illustrations, David Busch's Canon EOS 5D Mark IV Guide to Digital SLR Photography describes every feature of this sophisticated camera in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more. It relates each feature to specific photographic techniques and situations. Also included is the handy camera "roadmap," an easy-to-use visual guide to the Mark IV's features and controls. Learn when to use every 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, taking pictures as an advanced enthusiast exploring photography for the first time, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS 5D Mark IV.

Since the early 20th century, medical imaging has been dominated by monochrome imaging modalities such as x-ray, computed tomography, ultrasound, and magnetic resonance imaging. As a result, color information has been overlooked in medical image analysis applications. Recently, various medical imaging modalities that involve color information have been introduced. These include cervicography, dermoscopy, fundus photography, gastrointestinal endoscopy, microscopy, and wound photography. However, in comparison to monochrome images, the analysis of color images is a relatively unexplored

area. The multivariate nature of color image data presents new challenges for researchers and practitioners as the numerous methods developed for monochrome images are often not directly applicable to multichannel images. The goal of this volume is to summarize the state-of-the-art in the utilization of color information in medical image analysis.

"This book is the most current and comprehensive analysis of the state of Internet security threats right now. The review of current issues and predictions about problems years away are critical for truly understanding crimeware. Every concerned person should have a copy and use it for reference." —Garth Bruen, Project KnujOn Designer There's a new breed of online predators—serious criminals intent on stealing big bucks and top-secret information—and their weapons of choice are a dangerous array of tools called "crimeware." With an ever-growing number of companies, organizations, and individuals turning to the Internet to get things done, there's an urgent need to understand and prevent these online threats. Crimeware: Understanding New Attacks and Defenses will help security professionals, technical managers, students, and researchers understand and prevent specific crimeware threats. This book guides you through the essential security principles, techniques, and countermeasures to keep you one step ahead of the criminals, regardless of evolving technology and tactics. Security experts Markus Jakobsson and Zulfikar Ramzan have brought together chapter contributors who are among the best and the brightest in the security industry. Together, they will help you understand how crimeware works, how to identify it, and how to prevent future attacks before your company's valuable information falls into the wrong hands. In self-contained chapters that go into varying degrees of depth, the book provides a thorough overview of crimeware, including not only concepts prevalent in the wild, but also ideas that so far have only been seen inside the laboratory. With this book, you will Understand current and emerging security threats including rootkits, bot networks, spyware, adware, and click fraud Recognize the interaction between various crimeware threats Gain awareness of the social, political, and legal implications of these threats Learn valuable countermeasures to stop crimeware in its tracks, now and in the future Acquire insight into future security trends and threats, and create an effective defense plan With contributions by Gary McGraw, Andrew Tanenbaum, Dave Cole, Oliver Friedrichs, Peter Ferrie, and others.

A guide to color management using Adobe Photoshop.

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