

Canon Powershot G2 Instruction Manual

This easy-to-use guide covers troubleshooting tips and tricks for Mac hardware and software, written by the well-known Macworld columnist and Macintosh guru Chris Breen. The book contains troubleshooting tips and techniques for both Mac OS 9 and OS X, and additional projects for making a Macintosh more productive-sharing files, making Mac OS X work more like Mac OS 9, and more.

Mastering the Nikon Z7 by Darrell Young provides a wealth of experience-based information and insights for owners of Nikon's new mirrorless full-frame Z7 camera. Darrell is determined to help the user navigate past the confusion that often comes with complex and powerful professional camera equipment. This book explores the features and capabilities of the camera in a way that far surpasses the user's manual. It guides readers through the camera features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions, while

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feeling as if a friend dropped in to share his knowledge. The information in this book goes beyond the camera itself and also covers basic photography technique.

Learn to master your Nikon Z6 II / Z7 II and take full advantage of all its capabilities!

Mastering the Nikon Z6 II / Z7 II by Darrell Young provides a wealth of experience-based information and insights for owners of the new Z6 II or Z7 II camera. Darrell is determined to help the user navigate past the confusion that often comes with complex and powerful professional camera equipment.

This book explores the features and capabilities of the cameras in a way that far surpasses the user's manual. It guides readers through the cameras' features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles.

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a friend dropped in to share his knowledge. The information in this book goes beyond the camera itself and also covers basic photography technique.

In contrast to the jargon-filled manuals that come with most digital cameras, The Beginner's Photography Guide presents step-by-step digital slr camera basics, while introducing and demonstrating a wide variety of techniques that will inspire the novice digital photographer. Grouped together by themes-color, composition, natural light, framing, and more-each camera technique is broken down into an easy-to-follow step-by-step sequence, and features annotated photographs and suggestions on getting the best from digital slr cameras and taking eye-catching photos.

Digital Imaging of Biological Type Specimens
Radar Instruction Manual

The Secrets to Creating Amazing Photos

Modern Business Statistics with Microsoft Excel

Essential Affinity Photo

A SECRET SORROW

Now refreshed with current technologies and terms, and more than 25 percent new images and an all-new chapter, this bestselling guide shows readers how to shoot great photographs with any type of camera.

After her nightmarish recovery from a

serious car accident, Faye gets horrible news from her doctor, and it hits her hard like a rock: she can't bear children. In extreme shock, she breaks off her engagement, leaves her job and confines herself in her family home. One day, she meets her brother's best friend, and her soul makes a first step to healing.

Shrinking pixel sizes along with improvements in image sensors, optics, and electronics have elevated DSCs to levels of performance that match, and have the potential to surpass, that of silver-halide film cameras. Image Sensors and Signal Processing for Digital Still Cameras captures the current state of DSC image acquisition and signal processing technology and takes an all-inclusive look at the field, from the history of DSCs to future possibilities. The first chapter outlines the evolution of DSCs, their basic structure, and their major application classes. The next few chapters discuss high-quality optics that meet the requirements of better image sensors, the basic functions and performance parameters of image sensors, and detailed discussions of both CCD and CMOS image sensors. The book then discusses how color theory affects the uses of DSCs, presents basic image processing and camera control

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algorithms and examples of advanced image processing algorithms, explores the architecture and required performance of signal processing engines, and explains how to evaluate image quality for each component described. The book closes with a look at future technologies and the challenges that must be overcome to realize them. With contributions from many active DSC experts, Image Sensors and Image Processing for Digital Still Cameras offers unparalleled real-world coverage and opens wide the door for future innovation.

Most hardware and software companies experience cycles of success and failure, that pattern is certainly not a compelling publishing topic. When you add in the name of Apple Computer, the picture changes from ho-hum to humdinger though. Right now, Apple's shares have surged to a 4-year high, and along with the runaway success of Apple's iPod (10 million iPods sold as of Dec 2004, and 2 million+ units sold in the last 3 months alone), Apple stock seems poised to only increase in value. There's a "halo" effect beginning to take hold – simple put, consumers and business people alike are so impressed with iPod's technology and success that they're taking a second look at other

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Apple products and in particular Macintosh computers. If the current trends continue, Apple will have sparked yet another revolution in the personal computer arena, and will regain ground many thought was lost for good. The Apple Way shows how this company's steps and missteps have molded and shaped them, and what lessons the world at large can learn from Apple. Apple has emerged as a Wall Street phenomenon with its stock increasing in value some 250% in the past year Uses the proven pedagogy of the existing Way books to provide bite-sized business success maxims and Apple's underlying guiding principles Includes lessons learned the hard way by revealing the company's strengths and obstacles Cruikshank has played a role in developing the following M-H books: Pink Cadillac, Leadership Secrets of Colin Powell, What It Takes to Be Number One, The Essential Vince Lombardi, Get Better or Get Beaten (condensed edition), plus many others David Busch's Canon EOS 80D Guide to Digital SLR Photography Take Your Photo Editing to New Levels with Affinity Photo The Adobe Photoshop Lightroom Classic CC Book Canon 50D

***Digital Modeling
Image Editing Techniques Using Affinity
Photo for Desktop***

Photography has been the business and the passion of LIFE since the original weekly magazine's inception in 1936, and it continues to be the business and passion of LIFE Books and LIFE.com in the new millennium. But photography has surely changed during these many decades. The rigs and gear of old have given way-first slowly, then all at once-to sleek miracle machines that process pixels and have made the darkroom obsolete. The casual photog puts eye to lens, sets everything on auto and captures a photograph that is . . . perfectly fine. One of LIFE's master shooters-in fact, the final in the long line of distinguished LIFE staff photographers-was Joe McNally, and he has always believed that with a little preparation and care, with a dash of enthusiasm and daring added to the equation, anyone can make a better photo-anyone can turn a "keeper" into a treasure. This was true in days of yore, and it's true in the digital age. Your marvelous new camera, fresh from its box, can indeed perform splendid feats. Joe explains in this book how to take best advantage of what it was designed to do, and also when it is wise to outthink your camera or push your camera-to go for the gold,

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to create that indelible family memory that you will have blown up as large as the technology will allow, and that will hang on the wall forevermore. As the storied LIFE photographer and photo editor John Loengard points out in his eloquent foreword to this volume, there are cameras and there are cameras, and they've always been able to do tricks. And then there is photography. Other guides may give you the one, two, three of producing a reasonably well exposed shot, but Joe McNally and the editors of LIFE can give you that, and then can show you how to make a picture. In a detailed, friendly, conversational, anecdotal, sometimes rollicking way, that's what they do in these pages. Prepare to click.

David Busch's Nikon Z6 Guide to Digital Photography is your all-in-one comprehensive resource and reference for the exciting and affordable Nikon Z6 compact mirrorless camera. This ground-breaking enthusiast camera is built around a 24.5 megapixel sensor, that offers excellent image quality and ISO speeds from ISO 100-51200. The Z6 can be fitted with any of the new ultra-sharp S-series, Z-mount lenses, or mount a full line of Nikon's existing F-mount lenses, with the optional FTZ adapter. Five-axis in-body image stabilization provides up to five stops of anti-shake

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performance so you can hand-hold the camera at slower shutter speeds. With 273 phase-detect AF focus points, covering 90 percent of the frame, and the next-generation EXPEED 6 processing chip, the Z6 can shoot sports and action at up to 12 frames per second, with lightning fast focus. The Z6 can capture both 4K and Full HD movies, too. With this book in hand, you'll master all the camera's impressive features, and fine tune your camera skills as you develop your creativity taking great photographs with your new Z6. Filled with detailed how-to steps and full-color illustrations, David Busch's Nikon Z6 Guide to Digital Photography covers all the camera's capabilities 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 visual guide to the Z6, with close-up photos and descriptions of the camera's essential 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

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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 Nikon Z6 today.

Presents an introduction to the features of the Canon PowerShot G1 X camera, covering such topics as setup menus, exposure, autofocus, movie making, zoom, lighting, and downloading and editing images.

Mastering the Nikon D500 by Darrell Young provides a wealth of experience-based information and insights for owners of the new D500 camera. Darrell is determined to help the user navigate past the confusion that often comes with complex and powerful professional camera equipment. This book explores the features and capabilities of the camera in a way that far surpasses the user ' s manual. It guides readers through the camera features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell ' s friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his

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knowledge. The information in this book goes beyond the camera itself and also covers basic photography technique.

Unraveling the Mysteries of Snowflakes

Mastering the Nikon D500

LIFE Guide to Digital Photography

The Beginner's Photography Guide

The Fujifilm X100v: 101 X-Pert Tips to Get the Most Out of Your Camera

How to Shoot Great Photographs With Any Camera

Quickly learn Affinity Photo image editing
Affinity Photo is the hot photo editing package from Serif. It can compete head on with the latest version of Photoshop. It's also affordable, incredibly powerful and exceptionally flexible. But all this power and flexibility brings its own challenges. Just like Photoshop, Affinity Photo can be confusing and tricky to learn. Even with a background in Photoshop image editing it's likely you will miss a lot of its features. And unlike Photoshop you won't have an endless choice of books to learn from. Which is where "Essential Affinity Photo" comes to the rescue. In this comprehensive yet easy to follow book, Landscape Photographer Robin Whalley explains the core features of Affinity Photo Desktop. Written in his unique, easy to understand style, Robin explains logically the essential techniques you need to know to learn Affinity Photo.

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Follow this book and its examples and you will soon be editing images as though you have been using the software for years. The book is arranged into a series of lessons that focus in on the essential image editing skills. Each lesson builds on the previous one, minimising repetition and saving you valuable time. You will learn about: - Different Affinity Photo Personas, what these do and how to navigate them. - The Develop Persona, using it to convert a Raw photo file into a high-quality image. - How layers form the backbone of the Photo Persona and how to use them to improve your editing. - Different Adjustment layers, filters and live filters you can apply, to fine tune and improve your photography. - How to convert your images to black and white as well as important techniques such as Dodging and Burning. - Creating and using layer masks to precisely target your adjustments to specific areas of an image. - Harnessing the power of the Export Persona. - And lots more. Throughout the book there are examples and exercises for you to follow. The author provides the images for these on his website, allowing you to follow along on your own computer. You won't need to wade through hundreds of pages to find answers. This is a comprehensive and concise guide to help you learn Affinity Photo. It doesn't matter if you are a complete novice or have some experience of Affinity Photo, this book could help improve your Affinity Photo editing.

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David Busch's Nikon Z7 II/Z6 II Guide to Digital Photography is your all-in-one comprehensive resource and reference for Nikon's next-generation Z7 II and Z6 II mirrorless cameras. The company has upgraded these compact cameras with the features most requested by enthusiasts, including two memory card slots, advanced autofocus features, and performance-enhancing dual EXPEED 6 processors. Serious photographers can select the high-resolution 45.7 megapixel Z7 II, or opt for the higher continuous shooting rates and stellar low-light versatility of the 24 megapixel Z6 II. Both cameras offer incredible image quality, especially when coupled with a burgeoning line of ultra-sharp S-series, Z-mount lenses. The affordable FTZ adapter allows you to use more than 300 different lenses in Nikon's F-mount lineup, too. Five-axis in-body image stabilization provides up to five stops of anti-shake performance so you can hand-hold the camera at slower shutter speeds. An improved autofocus system with human and animal eye/face detection offers lightning fast focus for stills and both 4K and Full HD movie-shooting. With this book in hand, you'll master all these impressive features, and fine tune your camera skills as develop your creativity taking great photographs with your new Z7 II or Z6 II.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Nikon Z7*

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II/Z6 II Guide to Digital Photography covers the cameras' capabilities 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 visual guide to the Z7 II and Z6 II, with close-up photos and descriptions of the camera's essential 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 Nikon Z7 II or Z6 II today.

Olympus launched the OM-D E-M1 Mark III camera with a specific purpose in mind: to create a Micro Four Thirds camera for professional and advanced enthusiast photographers. As the flagship Micro Four Thirds camera, the E-M1 Mark III is the peak of the Olympus digital imaging system. It is a true system camera for those who demand the best in cameras, lenses, and image quality. Darrell Young's *Mastering the Olympus OM-D E-M1 Mark III* explores the features and

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capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M1 Mark III users goes beyond just the camera itself and covers basic photography technique. TABLE OF CONTENTS

Ch 1: Camera Setup and Control Reference

Ch 2: Screen Displays for Camera Control

Ch 3: Shooting Menu 1: Preliminary and Basic Shooting Options

Ch 4: Shooting Menu 2: Advanced Shooting Options

Ch 5: Playback Menu

Ch 6: Custom Menu

Ch 7: Setup Menu

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Ch 8: Recording Video

Appendix - Button Functions Reference

The Encyclopedia of Computer Science is the definitive reference in computer science and technology. First published in 1976, it is still the only single volume to cover every major aspect of the field. Now in its Fourth Edition, this influential work provides an historical timeline highlighting the key breakthroughs in computer science and technology, as well as clear and concise explanations of the latest technology and its practical applications. Its unique blend of historical perspective, current knowledge and predicted future trends has earned it its richly deserved reputation as an unrivalled reference classic. What sets the Encyclopedia apart from other reference sources is the comprehensiveness of each of its entries. Encompassing far more than mere definitions, each article elaborates on a topic giving a remarkable breadth and depth of coverage. The visual impact of the volume is enhanced with a 16 page colour insert spotlighting advanced computer applications and computer-generated graphics technology. In addition, the text is enlivened with figures, tables, diagrams, illustrations and photographs. With contributions from over 300 international experts, the 4th Edition contains over 100 completely new articles ranging from artificial life to computer ethics, data

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mining to Java, mobile computing to quantum computing and software safety to the World Wide Web. In addition, each of the more than 600 articles have been extensively revised, expanded and updated to reflect the latest developments in computer science and technology. Intelligently and thoughtfully organised, all the articles are classified around 9 main themes Hardware Software Computer Systems Information and Data Mathematics of Computing Theory of Computation Methodologies Applications Computing Milieux Within each of these major headings are a wealth of articles that provide the reader with concise yet thorough coverage of the topic. In addition, cross-references are included at the beginning of each article, directing the reader immediately to related material. In addition the Encyclopedia contains useful appendices including: An expanded glossary of major terms in English, German, Spanish and Russian A revised list of abbreviations and acronyms An updated list of computer science and engineering research journals A list of articles from previous editions not included in the 4th edition A Name Index listing almost 3500 individuals cited in the text A comprehensive General Index with 7000 entries A chronology of significant milestones Computer Society & Academic Computer Science Department Listings Numerical Tables, Mathematical Notation and Units of Measure Highly-regarded as an essential resource for

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computer professionals, engineers, mathematicians, students and scientists, the Encyclopedia of Computer Science is a must-have reference for every college, university, business and high-school library.

A Manual of Best Practice : Results from a Study of the European Network for Biodiversity Information
Understanding Exposure
History Computer Review
Yosemite & the Eastern Sierra
Guide to Three Dimensional Structure and Motion Factorization

Professional modeling is the foundation of every aspect of the 3D production pipeline and is essential to the success of any 3D computer graphics project. [digital] Modeling is unlike any other modeling book you've seen—it gets to the core of what it takes to create efficient production-ready models and demystifies the process of producing realistic and jaw-dropping graphics. Taking a software-neutral approach, it teaches you the essential skills and concepts that you can apply to modeling in any industry 3D software, such as 3ds Max, LightWave 3D, Maya, Modo, Silo, XSI, ZBrush and other leading programs. Modelers, animators, texture artists, and technical directors can all benefit from the valuable information covered in this jam-packed guide containing years of industry knowledge. Simply put, if you work in 3D, you must have this book. In this inspiring and informative guide to modeling, industry veteran William Vaughan teaches you how to: Master

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modeling techniques to produce professional results in any 3D application Use the tools of a professional digital modeler Control your models polygon-count as well as polygon-flow Create both organic and hard surface models Understand a modeler's role in a production environment Gain the knowledge to land a job in the industry as a digital modeler Model using specific tools such as LightWave and 3ds Max in over 6 hours of video training in the accompanying downloadable lesson files (see below for details) And much more! All of Peachpit's eBooks contain the same content as the print edition. You will find a link in the last few pages of your eBook that directs you to the media files. Helpful tips: If you are able to search the book, search for "Where are the lesson files?" Go to the very last page of the book and scroll backwards. You will need a web-enabled device or computer in order to access the media files that accompany this ebook. Entering the URL supplied into a computer with web access will allow you to get to the files. Depending on your device, it is possible that your display settings will cut off part of the URL. To make sure this is not the case, try reducing your font size and turning your device to a landscape view. This should cause the full URL to appear.

NAMED A BEST BOOK OF THE YEAR BY BOOKPAGE AND LIBRARY JOURNAL *The Crimson Petal and the White* meets *Fight Club*: A page-turning novel set in the world of female pugilists and their patrons in late eighteenth-century England. Moving from a filthy brothel to a fine manor house, from the world of street fighters to the world of champions, *The Fair Fight* is a vivid, propulsive historical novel announcing the arrival of a dynamic new talent. Born

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in a brothel, Ruth doesn't expect much for herself beyond abuse. While her sister's beauty affords a certain degree of comfort, Ruth's harsh looks set her on a path of drudgery. That is until she meets pugilist patron George Dryer and discovers her true calling—fighting bare knuckles in the prize rings of Bristol. Manor-born Charlotte has a different cross to bear. Scarred by smallpox, stifled by her social and romantic options, and trapped in twisted power games with her wastrel brother, she is desperate for an escape. After a disastrous, life-changing fight sidelines Ruth, the two women meet, and it alters the perspectives of both of them. When Charlotte presents Ruth with an extraordinary proposition, Ruth pushes dainty Charlotte to enter the ring herself and learn the power of her own strength. A gripping, page-turning story about people struggling to transcend the circumstances into which they were born and fighting for their own places in society, The Fair Fight is a raucous, intoxicating tale of courage, reinvention, and fighting one's way to the top. In this book, popular Fuji Rumors "X-Pert Corner" columnist Rico Pfisteringer teaches about the little-known capabilities of the X100V, which he's discovered through months of in-depth research and experimentation with the camera. After a brief overview of the camera's basic functions, Rico focuses on the photographic capabilities of the X100V, as he cuts to the chase and provides a plethora of tips and practical instructions not found in the user's manual. With this knowledge, you will be able to take full advantage of the photographic capabilities of the X100V. The Fujifilm X-series cameras have amazing features, but some users may

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require an adjustment period if they are new to these cameras--even photographers who have been lifetime DSLR shooters. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results. Topics covered include: -Menu shortcuts -Long exposures -Firmware upgrades -Hybrid autofocus system -Auto and manual focusing -Face detection -Dynamic Range expansion -Film simulations -Custom settings -RAW conversion -Panoramas -Self-timer -Flash -Conversion lenses -And much more...

1 Best Seller in Photography Lighting - The Secrets to Creating Amazing Photos Learn the secrets to composition: There's a common misconception that composition is mysterious and that only certain people have that natural gift for the techniques involved. The truth is that composition involves a set of skills that you can master. Just as you can use cookbook recipes to make your favorite meal?you don't have to be a famous French chef?you also can take amazing photos by just following a recipe! Easy-to-follow photography composition recipes: Marc Silber has spent years studying the works of masters and interviewing some of the biggest names in photography. Now he can provide you with simple and easy-to-follow recipes for creating photographs that you and others will love! The Secrets to Creating Amazing Photos puts at your fingertips ideas for improving your skills by giving you easy-to-follow "recipes" that will improve your photography right now! Take your photography to the next level: Composition is one of the biggest keys to creating photos that others will love. No matter what kind of camera or smartphone you're using, you can take

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your photography to the next level and beyond by learning composition tools and secrets known to the masters of the art. Carry The Secrets to Creating Amazing Photos in your camera bag: The book is compact in size and easy to carry with you, so you can flip to the look you want and follow the recipe for creating an image that inspires you. Use it when you're out photographing to get new ideas and inspiration. You'll be able to rapidly up you photography game by learning the skills in Picture Perfect Processes. Key benefits of owning The Secrets to Creating Amazing Photos include: Taking better photographs today by learning the keys to composition Having quick and easy to follow "recipes" for composition at your fingertips Learning the secrets of composition from the masters of classical art and photography

Lighting Essentials

Lighting for Texture, Contrast, and Dimension in Digital Photography

Second International Conference, DMBD 2017, Fukuoka, Japan, July 27 - August 1, 2017, Proceedings

83 Composition Tools from the Masters

Digital Food Photography and Styling

David Busch's Nikon Z6 Guide to Digital Photography

Digital forensics deals with the acquisition, preservation, examination, analysis and presentation of electronic evidence. Networked computing, wireless communications and portable electronic devices have expanded the role of digital forensics beyond traditional computer

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crime investigations. Practically every crime now involves some aspect of digital evidence; digital forensics provides the techniques and tools to articulate this evidence. Digital forensics also has myriad intelligence applications. Furthermore, it has a vital role in information assurance - investigations of security breaches yield valuable information that can be used to design more secure systems. Advances in Digital Forensics V describes original research results and innovative applications in the discipline of digital forensics. In addition, it highlights some of the major technical and legal issues related to digital evidence and electronic crime investigations. The areas of coverage include: themes and issues, forensic techniques, integrity and privacy, network forensics, forensic computing, investigative techniques, legal issues and evidence management. This book is the fifth volume in the annual series produced by the International Federation for Information Processing (IFIP) Working Group 11.9 on Digital Forensics, an international community of scientists, engineers and practitioners dedicated to advancing the state of the art of research and practice in digital forensics. The

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book contains a selection of twenty-three edited papers from the Fifth Annual IFIP WG 11.9 International Conference on Digital Forensics, held at the National Center for Forensic Science, Orlando, Florida, USA in the spring of 2009. Advances in Digital Forensics V is an important resource for researchers, faculty members and graduate students, as well as for practitioners and individuals engaged in research and development efforts for the law enforcement and intelligence communities.

This book constitutes the refereed proceedings of the Second International Conference on Data Mining and Big Data, DMBD 2017, held in Fukuoka, Japan, in July/August 2017. The 53 papers presented in this volume were carefully reviewed and selected from 96 submissions. They were organized in topical sections named: association analysis; clustering; prediction; classification; schedule and sequence analysis; big data; data analysis; data mining; text mining; deep learning; high performance computing; knowledge base and its framework; and fuzzy control.

Since 1958 the Maritime Administration has continuously conducted instructions in use of collision avoidance radar for qualified

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U.S. seafaring personnel and representatives of interested Federal and State Agencies. Beginning in 1963, to facilitate the expansion of training capabilities and at the same time to provide the most modern techniques in training methods, radar simulators were installed in Maritime Administration's three region schools. It soon became apparent that to properly instruct the trainees, even with the advanced equipment, a standardize up-to-date instruction manual was needed. The first manual was later revised to serve both as a classroom textbook and as an onboard reference handbook. This newly updated manual, the fourth revision, in keeping with Maritime Administration policy, has been restructured to include improved and more effective methods of plotting techniques for use in Ocean, Great Lakes, Coastwise and Inland Waters navigation. Robert J. Blackwell Assistant Secretary for Maritime Affairs

The core goal of photography is representing subjects that have depth and texture in a medium that inherently lacks both those qualities, and this book shows the best way to rise to that challenge: through the careful application and capture of lighting. It demonstrates how

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to accentuate or minimize textures, add or subtract highlights, and create or combat shadows to showcase the subjects in the best way and create the illusion of a third dimension in the images. Exploring techniques for lighting portraits, still-life subjects, nature images, and architectural shots, both studio and location lighting are covered in detail. The book teaches photographers how to study their subjectsÑwith all of the textures, colors, shapes, and surfaces they haveÑthen visualize the image as a finished photograph before the photography actually begins. With chapters that thoroughly cover the science of lighting and visualization, photographers can apply that knowledge and successfully create artful images.

Mac 911

Macworld

The Apple Way

Mastering the Nikon Z7

Physics of Digital Photography

From Snapshots to Great Shots

The problem of structure and motion recovery from image sequences is an important theme in computer vision. Considerable progress has been made in this field during the past two decades, resulting in successful applications in robot navigation,

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augmented reality, industrial inspection, medical image analysis, and digital entertainment, among other areas. However, many of these methods work only for rigid objects and static scenes. The study of non-rigid structure from motion is not only of academic significance, but also has important practical applications in real-world, nonrigid or dynamic scenarios, such as human facial expressions and moving vehicles. This practical guide/reference provides a comprehensive overview of Euclidean structure and motion recovery, with a specific focus on factorization-based algorithms. The book discusses the latest research in this field, including the extension of the factorization algorithm to recover the structure of non-rigid objects, and presents some new algorithms developed by the authors. Readers require no significant knowledge of computer vision, although some background on projective geometry and matrix computation would be beneficial. Topics and features: presents the first systematic study of structure and motion recovery of both rigid and non-rigid objects from images sequences; discusses in depth the theory, techniques, and applications of rigid and non-rigid factorization methods in three dimensional computer vision; examines numerous factorization algorithms, covering affine, perspective and quasi-perspective projection models; provides appendices describing the mathematical principles behind projective

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geometry, matrix decomposition, least squares, and nonlinear estimation techniques; includes chapter-ending review questions, and a glossary of terms used in the book. This unique text offers practical guidance in real applications and implementations of 3D modeling systems for practitioners in computer vision and pattern recognition, as well as serving as an invaluable source of new algorithms and methodologies for structure and motion recovery for graduate students and researchers.

Now that you've bought the amazing Canon 50D, you need a book that goes beyond a tour of the camera's features to show you exactly how to use the 50D to take great pictures. With Canon 50D: From Snapshots to Great Shots, you get the perfect blend of photography instruction and camera reference that will take your images to the next level! Beautifully illustrated with large, vibrant photos, this book teaches you how to take control of your photography to get the image you want every time you pick up the camera. Follow along with your friendly and knowledgeable guide, photographer and author Jeff Revell, and you will:

- Learn the top ten things you need to know about shooting with the 50D*
- Use the 50D's automatic modes to get better shots right away*
- Move on to the Creative zone, where you have full control over the look and feel of your images*
- Master the photographic basics of composition, focus, depth of field, and much more*

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Learn all the best tricks and techniques for getting great action shots, landscapes, and portraits • Find out how to get great shots in low light • Fully grasp all the concepts and techniques as you go, with assignments at the end of every chapter With Canon 50D: From Snapshots to Great Shots, you'll learn not only what makes a great shot work—you'll learn how to get that shot using your 50D. And once you've got the shot, show it off! Join the book's Flickr group, share your photos, and discuss how you use your 50D to get great shots at flickr.com/groups/canon_50dfromsnapshottogreatshots.

History Computer ReviewMacworldMastering the Olympus OM-D E-M1 Mark IIIRocky Nook, Inc. In the tradition of California the Beautiful, Galen Rowell's best-selling celebration of the natural beauty of the Golden State, comes Yosemite & the Eastern Sierra, featuring stunning color images by outdoor photographer Gary Crabbe. Here is a fresh look at the wonders of Yosemite National Park (visited by more than three million people each year), as well as the lesser-known vistas of the pristine wilderness that adjoins the eastern slopes of the Sierra Nevada. From the first light of sunrise cascading above an alpine creek to the last glint of sunset reflected on the joyful serenade of a waterfall ballet at Horsetail Falls, the spirit of the land will nourish your soul. The accompanying text of this small but exquisitely printed volume speaks through

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the voices of our great nature writers, from Ansel Adams and Galen Rowell to Joan Didion, Wallace Stegner, and Mark Twain. This is the perfect gift for anyone who has ever marveled at the beauty of Yosemite National Park and the glorious gallery of the Eastern Sierra's natural wonders.

The Fair Fight

Mastering the Olympus OM-D E-M1 Mark III

Affinity Photo Workbook

David Busch's Canon PowerShot G1 X Guide to Digital Photography

David Busch's Nikon Z7 II/Z6 II Guide to Digital Photography

Plate to Pixel

This text provides balanced coverage of the basic concepts of thermodynamics and heat transfer. Together with the illustrations, student-friendly writing style, and accessible math, this is an ideal text for an introductory thermal science course for non-mechanical engineering majors.

Adobe Photoshop Lightroom Classic CC is one of the most powerful tools a digital photographer has in their toolset, offering powerful editing features in streamlined interface that lets photographers import, sort, and organize images. In this completely updated bestseller, author Martin Evening describes Lightroom Classic CC features in detail, covering library organization, develop image processing, output modules, and an introduction to the features in the new Adobe Photoshop Lightroom CC across desktop, web, and mobile. As an established

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commercial and landscape photographer, Martin knows first-hand what photographers need for an efficient workflow. He has been working with Lightroom from the beginning, and as a result, knows the software inside and out. In this book, he'll teach you how to: Work efficiently with images shot in raw or non-raw formats Import photographs with ease and sort them according to your workflow Create and manage a personal image and video library Integrate Lightroom with Adobe Photoshop Prepare images for print, slideshows, or to create a book Make the most of new features, such as the ability to migrate and sync photos via the cloud Photographers will find Lightroom Classic CC—and The Adobe Photoshop Lightroom Classic CC Book—indispensable tools in their digital darkrooms.

In this book, popular Fuji Rumors "X-Pert Corner" columnist Rico Pfirstinger teaches about the little-known capabilities of the X-T1, which he's discovered through months of in-depth research and experimentation with the camera. After a brief overview of the camera's basic functions, Rico cuts to the chase and provides a plethora of tips and practical instructions not found in the user's manual. With this knowledge, you will be able to fully exploit the capabilities of the X-T1. The Fujifilm X-series cameras have amazing features but may require an adjustment period for those new to using these cameras, even photographers who have been lifetime DSLR shooters. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results. Topics covered include: Menu shortcuts Long exposures Firmware upgrades Hybrid

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autofocus system Auto and manual focusing Face detection Infrared imaging Film simulations Custom settings Burst mode Panoramas Movies Self-timer Flash Adapted lenses And much more... This book includes complete coverage of the camera's new firmware features that were introduced in December 2014. The words and photographs from Frank Lee Ruggles, National Parks Eminent Photographer.

Chasing Light

Encyclopedia of Computer Science

111 X-Pert Tips to Get the Most Out of Your Camera

Fifth IFIP WG 11.9 International Conference on Digital Forensics, Orlando, Florida, USA, January 26-28, 2009, Revised Selected Papers

Everything You Need to Shoot Like the Pros

Advances in Digital Forensics V

MODERN BUSINESS STATISTICS, 5E allows students to gain a strong conceptual understanding of statistics with a balance of real-world applications and a focus on the integrated strengths of Microsoft Excel 2013. To ensure student understanding, this best-selling, comprehensive text carefully discusses and clearly develops each statistical technique in a solid application setting. Microsoft Excel 2013 instruction, which is integrated in each chapter, plays an integral part in strengthening this edition's applications orientation. Immediately after each easy-to-follow presentation of a statistical procedure, a subsection discusses how to use Excel to perform the procedure. This integrated approach emphasizes the applications of Excel while focusing on the statistical methodology. Step-by-step

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instructions and screen captures further clarify student learning. A wealth of timely business examples, proven methods, and additional exercises throughout this edition demonstrate how statistical results provide insights into business decisions and present solutions to contemporary business problems. High-quality problems noted for their unwavering accuracy and the authors' signature problem-scenario approach clearly show how to apply statistical methods to practical business situations. New case problems and self-tests allow students to challenge their personal understanding. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

An Exploration of the American Landscape

Sky Crystals

Mastering the Nikon Z6 II / Z7 II

A Novel

Data Mining and Big Data

The Fujifilm X-T1