

Nikon D4 Manual

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Understanding Your Digital Camera Tim Savage 2014-09-30 This book has been written for photographers who want to switch their camera off automatic mode and take control of its image-making potential. With visual

examples throughout, it explains how to use the camera's settings and functions to take better and more creative photographs. By introducing new techniques based on concepts already taught, it explains the key principles of camera craft and

thereby helps the photographer determine the outcome of the image they take. Many topics are covered including: a guide to photographic equipment; exposure and how to control the shutter, aperture and ISO settings; flash control, metering patterns, focus modes and drive options; colour settings, including white balance, picture styles and colour spaces and digital photographs are explained in terms of histogram, resolution, image size and quality settings. Fully illustrated with 378 colour photographs.

Bird Photography Laurie S. Excell
2012-08-06 In *Bird Photography: From Snapshots to Great Shots*, author and wildlife photographer Laurie Excell teaches you key techniques for capturing images of birds—whether you spot them in your own backyard or in

a faraway, exotic location. Laurie starts by discussing various camera setups and basic settings and why she uses them, as well as the fundamentals of exposure and how it relates to real-world bird photography. She then covers practicing at home, planning your trip, and selecting the best locations and times to shoot. Finally, she explains how to interpret behavior to determine how to approach your subject—so that you can maximize the time you have on your next big photography adventure. Filled with dozens of beautiful images, this short ebook will show you how to get the bird photo you want every time you pick up your camera. Follow along with your friendly and knowledgeable guide, photographer and author Laurie

Excell, and you will: Use your camera's settings to gain full control over the look and feel of your images Master the photographic basics of composition, focus, depth of field, and much more Get tips on the best seasons and locations for photographing your subjects Develop an understanding of your subjects' behavior, increasing your chances of getting great shots Fully grasp all the concepts and techniques as you go, with assignments at the end of every chapter

Mastering Nikon Speedlights Alan Hess

2015-08-05 Mastering Nikon

Speedlights is the most comprehensive guide available for anyone using or wanting to learn more about the Nikon Creative Lighting System (CLS).

Starting with an exploration of how to work with light, the book teaches

you everything you need to know about understanding the direction and intensity of light, using light meters and metering modes, controlling exposure, and much more. You'll learn the specifics of how to use the full range of Nikon Speedlights and accessories, including past and current models of cameras and CLS compatible flashes—and in the process you'll find out how to get the best shots with your gear, whether you have a whole box of equipment or just the basics. The book includes practical, real-world photo shoots—portraits, action shots, and product photography—starting with one light and gradually working up to multiple lights so you can observe the progression of the light from one flash to many. No matter what your

subject or shooting scenario, Mastering Nikon Speedlights is an essential resource that teaches you how to produce the light you need to achieve great results. Offers a thorough discussion of the qualities of light, how the camera measures light, and the settings needed to record an image with proper exposure Provides a complete overview of all the components that make up the Nikon Creative Lighting System, outlining how to use the different Speedlights and accessories to correspond with each camera's unique capabilities Covers how to use the Nikon Speedlights off the camera using the Advanced Wireless Lighting (AWL) features built into the Creative Lighting System Features several examples of real photo shoots, showing you how to take great photos

in a variety of situations, building from one flash up to multiple flashes **Digital SLR Photography All-in-One For Dummies** Robert Correll 2013-05-10 The bestselling guide to DSLR photography - now updated for the latest technology and tools! This new edition gets you up to "shutter speed" on the latest camera technologies, including the new consumer-targeted full-frame models and pro-features that are now incorporated in consumer-focused units. Veteran author and professional photographer Robert Correll walks you through how a camera works, what lenses to use, how to set exposure, and how to capture the shots that define a portfolio. Fully updated to cover the latest generation of cameras and boasting more than 700 pages, this must-have

resource explores the latest in tools and offers additional content, including video and interactive tools so that you can enhance your photography knowledge. Covers the basics of DSLR mechanics and explains how settings affect the final photo Reviews lenses and walks you through choosing and applying the right lens for your situation Discusses how aperture, shutter speed, and ISO combine to determine how your photo will look Demystifies how to light a photo, from using natural light to flash to artificial lighting Helps you shooting high-quality video and film Digital SLR Photography All-in-One For Dummies, 2nd Edition is packed with everything you need to get your idea photo, from portraits to action shots to night photos and so much more!

Nikon D800 & D800E Digital Field Guide J. Dennis Thomas 2012-06-26 Packed with everything you want and need to know in order to take amazing photos using your new Nikon D800 camera, this portable and full-color guide walks you through the controls, features, and functions of the D800 using step-by-step instructions and helpful examples. Veteran author J. Dennis Thomas shares full-color images of each menu screen and explains how to adjust white balance, autofocus, and exposure as well as how to choose lenses and adjust settings--

On-Camera Flash Techniques for Digital Wedding and Portrait Photography Neil Van Niekerk 2015-11-10 "Acclaimed photographer and photo-educator Neil van Niekerk presents a revised and fully updated

edition of his popular guide to using on-camera flash. With these simple techniques you'll be able to enhance the existing light, flatter your subjects, work more quickly, and minimize postproduction corrections by getting better images straight from the camera,"--page [4] of cover.

Technical and Scientific Books in Print 1974

Popular Photography 2006-08

Lighting & Design for Portrait

Photography Neil van Niekerk

2014-11-17 Some photographers make portraits that we can't take our eyes off of. These images create mood, evoke emotion, and pique our curiosity. They have that certain something that other portraits seem to lack. These rare images are memorable—the kind of shots that clients want and photographers strive

to emulate. These portraits are technically precise and have style. Neil van Niekerk is a big name in the portrait and wedding photography industry. His masterful photographs get a reaction, and he's devoted to helping others create compelling portraits for their clients. In this book, van Niekerk shows readers strategies for creating a wide range of portrait looks (romantic, fun, sweet, dramatic, glamorous, or moody) in lackluster, middle-of-nowhere locales, small home studios, big expanses, and even on rooftops. Starting with traditional lighting and posing strategies and moving through "spicier" varieties, he shows readers how integrating specialized lighting (rim lighting, backlighting, flare, and low-key lighting—using natural light and artificial sources)

and compositional approaches (shallow depth of field, lens compression, and unorthodox perspectives) into their creative approach can allow them to take full creative control over their portrait-taking process so that they're able to deliver incredible shots of their clients in any photographic conditions.

Tony Northrup's Photography Buying Guide Tony Northrup 2014-11-26 If you're a beginner photographer, this book can save you hundreds of dollars. If you're a seasoned pro, it can save you thousands. With access to over 16 HOURS of online video, this book helps you choose the best equipment for your budget and style of photography. In this book, award-winning author and photographer Tony Northrup explains explains what all your camera, flash, lens, and tripod

features do, as well as which are worth paying for and which you can simply skip. Tony provides information specific to your style of photography, whether you're a casual photographer or you're serious about portraits, landscapes, sports, wildlife, weddings, or even macro. For the casual reader, Tony provides quick recommendations to allow you to get the best gear for your budget, without spending days researching. If you love camera gear, you'll be able to dive into 200 pages of detailed information covering Nikon, Canon, Sony, Micro Four-Thirds, Olympus, Samsung, Leica, Mamiya, Hasselblad, Fuji, Pentax, Tamron, Sigma, Yongnuo, PocketWizard, Phottix, Pixel King, and many other manufacturers. Camera technology changes fast, and this book keeps up. Tony updates this book

several times per year, and buying the book gives you a lifetime subscription to the updated content. You'll always have an up-to-date reference on camera gear right at your fingertips. Here are just some of the topics covered in the book: What should my first camera be? Which lens should I buy? Should I buy Canon, Nikon, or Sony? Is a mirrorless camera or a DSLR better for me? Do I need a full frame camera? Is it safe to buy generic lenses and flashes? What's the best landscape photography gear? Which portrait lens and flash should I buy? What gear do I need to photograph a wedding? How can I get great wildlife shots on a budget? Which sports photography equipment should I purchase? Should I buy zooms or primes? Is image stabilization worth the extra cost? Which type of tripod

should I buy? Which wireless flash system is the best for my budget? How can I save money by buying used? What kind of computer should I get for photo editing? What studio lighting equipment should I buy? When you buy this book, you'll be able to immediately read the book online. You'll also be able to download it in PDF, .mobi, and .epub formats--every popular format for your computer, tablet, smartphone, or eReader! 100% Kid Allison Tyler Jones 2013-12-19 Start with the kid! This sounds obvious when photographing children, but many images start with a couch in a field, or a tutu the size of Montana. What do these props have to do with the child you are photographing? In this funny and beautifully illustrated guide, photographer Allison Tyler Jones

provides inspiration and practical techniques for photographers to effectively capture kids in beautiful light. She challenges readers to go a little deeper in their thought processes and to be more personal, more thought provoking, more humorous, and more real. From a practical, photographer's perspective, this guide approaches studio and on location lighting with a mix of technical information and advise on how to apply these ideas while working with subjects that are shy, sulking, showing off, or constantly in motion. Readers will learn about: Five Ms lighting concept—mood, main, measure, modify, and move—and how to include them into a decision-making process. Selecting a light source, setting the camera to sync, and triggering the flash. White

seamless backgrounds and practical considerations for hanging and using them in your studio. Directing the shoot and how to work with kids, clients, and even pets. Choosing props with integrity, clothing suggestions, and styling the shoot. Decisions about setting and lighting on location. Finishing the job you started with presentation of your product to your clients.

Nikon DF Jon Sparks 2014-08-20 From the front it resembles an oversized Nikon FM, the mechanically operated, interchangeable lens, 35mm SLR that was produced between 1977 and 1982. In addition to the styling and external controls, the Df's other reference to Nikon's history is the retractable meter coupling tab, which allows the use of pre-1977 non-AI lenses. Much of what lies is beneath

the Df's decidedly retro skin, however, will be quite familiar to current users of modern digital SLRs. While the "D" in the name stands for "digital", the "f" stands for "fusion", referring to the marriage of old and new. Despite its pretensions of being a fully manual camera, the Df also features front and rear electronic control dials in addition to the physical dials on the top-plate. The Df is built around the 16MP full frame sensor from the company's flagship D4, and uses the processor and AF system from the cheaper D610 model. The optical viewfinder is very large; the magnification is 0.70x and the coverage 100%. When a DX lens is attached to the Df, the viewfinder shows frame-lines indicating the DX image area. Most notably, and unusual

for a modern DSLR, although the camera is based on a video-capable sensor, the Df cannot shoot video. This, according to the developers, is because the Nikon Df is intended to be a serious camera for people who want to produce "pure" photography. UK author Jon Sparks provides practical tips on how to get the best from this versatile camera, in this comprehensive step-by-step guide that includes a pullout quick reference card.

Digital Nature Photography John and Barbara Gerlach 2015-04-17

Identifying a beautiful image in nature is easy, but capturing it is often challenging. To truly seize the essence of a photograph shot out of the studio and in the world requires an artistic eye and impeccable set of photographic techniques. John and

Barbara Gerlach have been teaching photographers how to master the craft of photographing nature and the outdoors through their workshops and best-selling books for more than twenty years. Now, equipped with brand new images to share and skills to teach, this celebrated photo team is sharing their latest lessons in the second edition of Digital Nature Photography. Notable revisions in this new edition include introducing the concepts of focus stacking and HDR, as well as expanded discussions of multiple exposure, wireless flash, RGB histograms, live view, shutter priority with auto ISO, hand-held shooting techniques, and the author's equipment selections. The inspiring imagery in this book covers a broader range of subjects than before including ghost towns, the night sky,

animals, and sports, in addition to the classic nature photographs we expect from this very talented author team. This book is a comprehensive guide to one of the broadest subjects in photography, explained and demystified by two respected masters. **Bird Photography** Laurie S. Excell 2013-10-09 (Please note that this material was also published as Bird Photography: From Snapshots to Great Shots, Peachpit Press [978-0-13-308592-1].) In Bird Photography, author and wildlife photographer Laurie Excell teaches you key techniques for capturing images of birds, whether you spot them in your own backyard or in a faraway, exotic location. Laurie starts by discussing various camera setups and basic settings and why she uses them, as well as the

fundamentals of exposure and how it relates to real-world bird photography. She then covers practicing at home and at nearby parks and lakes, selecting the best locations and times to shoot, and planning for a more extensive trip. Finally, she explains how to interpret behavior to determine how to approach your subject and maximize your time on your next photography adventure. Now available as a full-color PDF and filled with dozens of stunning images, this ebook shows you how to get the bird photo you want every time you pick up your camera. Follow along with your friendly and knowledgeable guide, photographer and author Laurie Excell, and you will: Learn what equipment you need and the camera settings to use to gain full control over the look and feel of

your images Master the basics of composition, focus, and depth of field, whether you're in your own backyard, in a local park, or at a distant bird-friendly locale Get tips on the best seasons and locations for photographing all sorts of birds Develop an understanding of bird behavior so you can get closer to your subjects, anticipate next steps, and be ready for action

Mastering the Nikon Darrell Young 2014-01-14 Mastering the Nikon D610 by Darrell Young provides a wealth of experience-based information and insights for owners of the new D610 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 knowledge. The learning experience for new D610 users goes beyond just the camera itself and covers basic photography technique.

Pet Photography Alan Hess 2014-09-22
This new entry in the From Snapshots

to Great Shots series will teach readers everything they need to know about photographing their pets. Like all books in the series, the book will offer instruction on basic photographic technique, discussing exposure settings, lighting, equipment, etc. Then the book will dive into working with various types of animals, posing them, capturing action shots, and working with multiple subjects. From Snapshots to Great Shots is a beautiful how-to photography series that provides the perfect blend of instruction, inspiration, and reference for specific camera models and photography concepts. Featuring a clear, elegant design; outstanding images that educate and inspire; and a friendly, accessible voice, this series helps photographers get great

shots every time they pick up their camera.

Low Light and Night Photography Neil Freeman 2017-03-31 Understanding and using light is key to all photography. This book explains how to take and create stunning shots without much light but still retaining impact and depth. It shows you how to capture the drama and excitement of a scene by using colours, shapes and shadows, and then how to reveal hidden details with digital manipulation. With over 125 photographs, it is full of ideas and inspiration, including shots of the night sky, cityscapes, traffic trails, light painting and much more. Contents include: Equipment - guide to the camera, functions and features; Composition - how to look at and understand light, notably its

quantity, quality, colour and direction; Shooting for edit and using histograms to maximum effect; Practical assignments with tips and tricks throughout. This practical guide to mastering the techniques of low light and night photography is aimed at all photographers - including landscape, wedding and portrait and is superbly illustrated with over 125 colour photographs including night sky, cityscapes and traffic trails shots.

Professional Photography plus/minus the Pro Gear BTS Media

Close Up Photography in Nature John and Barbara Gerlach 2014-07-17 Capturing the grandeur of landscapes or mood of a certain natural light is challenging but often the simple details of a texture or color evade photographers most of all. In *Close*

Up Photography in Nature, best-selling authors and nature photography pros, John and Barbara Gerlach, share the tips and techniques necessary to successfully photograph the beauty all around you. The Gerlachs are celebrated teachers who understand a photographer's mind so they begin this book with a brief overview of the fundamentals before delving into some of the more advanced and unique challenges of close up photography. Topics covered include: advanced flash techniques specific for close up shooting, as well as a discussion on focus stacking strategies and tilt-shift lenses for getting maximum depth-of-field. The Gerlachs also discuss their strategy of mixing flash with natural light when shooting close up, which opens up all sorts of

photographic possibilities – opening up shadows, creating shadows, separating the subject from the background, reducing contrast between the subject and the background, improving the color rendition, shooting sharper images, and much more. This book will change the way you see the world as well as the way you share it through your work! the world through your work!

Whitaker's Cumulative Book List 1980
Mastering the Nikon Z50 Darrell Young
2020-06-01 *Mastering the Nikon Z50* by Darrell Young provides a wealth of experience-based information and insights for owners of Nikon's new mirrorless Z50 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 knowledge. The information in this book goes beyond the camera itself and also covers basic photography technique.

Camera & Craft: Learning the Technical Art of Digital Photography
Andy Batt 2014-09-19 #2 on Photo.net's list of Best Photography Books of 2014! To create successful imagery, you need to balance technical know-how and aesthetic vision. In Camera & Craft, we deconstruct photographic principles in new ways to help you think through your process. Together with nine guest photographers, we explore photographic practice and follow up with inventive exercises and demonstrations that challenge you to engage with your tools—all with the goal of helping you work more creatively. Along the way are conversations with our guest photographers that address each topic, from how the professionals work with clients and models to what

they think about as they look through the viewfinder. Here's what you'll find inside: Advice and insights from professionals working in a variety of fields, from photojournalism and portraiture to fine-art, landscape and commercial photography Technical explanations about how photographic tools work—so you can connect knowledge to your practice and work more instinctively and creatively Key steps for improving digital workflow Innovative exercises at the end of each chapter as well as on our companion website that encourage you to experiment with and understand the photographic process—from learning how far you can push your camera's sensor to exploring the effects of neutral vs. creative color Interviews with technical and creative experts about developing skills and making

images that matter This book is part of The Digital Imaging Masters Series, which features cutting-edge information from the most sought-after and qualified professionals and instructors in the photography field. Based on the progressive curriculum of the Master of Professional Studies in Digital Photography (MPS DP) program created by Katrin Eismann at the School of Visual Arts (SVA) in New York City, these books are the next best thing to being in the classroom with the Digital Photography Masters themselves.

Popular Photography 2007-12

The Enthusiast's Guide to Night and Low-Light Photography Alan Hess
2017-03-21

Nikon D4 and D4S: An Easy Guide for Beginners Matthew Hollinder
2015-04-02 The Nikon D4 is one of the

best cameras on the market. It has a dual function of camera and camcorder. This camera allows you to shoot quality photos and record great movies. The Nikon is a trusted brand and this new series is a spot above all the rest. The camera allows you to manipulate the outcome of the recordings before you shoot or record and grants you easy access to manipulate the end result. You can shoot in different frame rates and achieve quality content. This guide explains how to use the camera to get the best results.

The Ultimate Digital Photography Guide for Beginners Angel Efrain Mendez Salvador 2022-02-11 In this guide to digital photography, you will learn the basic and elemental subjects that will familiarize you with photographic terms and settings.

All the important modes and techniques are treated to get the best pictures possible through getting to know your camera and understanding the elemental functions of your equipment and understanding how light and shadow affect your photos and how to take advantage of environments and what are the best settings and how they work so you can go out and start having fun by putting into practice every photo technique included in this book and so much more. So, you can become a proficient photographer and so being able to reach new levels on the mastering of your passion and development of your artistic gifts.

Digital SLR Cameras & Photography For Dummies David D. Busch 2014-09-15 The perennial DSLR bestseller—now expanded with more photography tips

Digital SLR Cameras & Photography For Dummies has remained the top-selling book on DSLR photography since the first edition was published. Now in its Fifth Edition, it covers the latest technologies in the world of DSLR cameras and photography to help you master the techniques that will take your digital photography skills to the next level. Written in plain English and complemented with full-color photos, this hands-on, friendly guide covers the mechanics of the camera; exposure, lenses, and composition; how to capture action, portrait, and low-light shots; editing and sharing images; tips for improving your digital photography skills; and much more. Digital SLR cameras offer the mechanisms and flexibility of traditional pro-level cameras with the instant results and

output of digital cameras. If you're a proud owner of a DSLR camera and want to take stunning shots that were once only achievable by the pros, this is the guide you need. Written by one of the most recognized authors in digital photography, this accessible resource makes it fast and easy to start capturing professional-quality photos. Full-color format helps bring the information to life. Includes coverage of the latest DSLR cameras to hit the market. Provides a foundation on exposure settings, file formats, and editing photos. Offers expanded content on capturing the portraits, action shots, nature shots, and night shots photographers love to take. If you're interested in capturing more than just a "selfie" and truly want to hone the craft of digital SLR photography, Digital SLR

Cameras and Photography For Dummies sets you up for success.

Mastering the Nikon D800 Darrell Young 2012-08-22 Mastering the Nikon D800 by Darrell Young provides a wealth of experience-based information and insights for owners of the new D800 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 knowledge. The learning experience for new D800 users goes beyond just the camera itself and covers basic photography technique.

John Shaw's Guide to Digital Nature Photography John Shaw 2015-03-17 Photography legend John Shaw returns with his much-anticipated guide to digital nature photography, complete with more than 250 extraordinarily beautiful photographs. For over four decades, John Shaw's authentic voice and trusted advice has helped photographers achieve impressive shots in the great outdoors. In his

first-ever book on digital photography, Shaw provides in-depth advice on everything from equipment and lenses to thorough coverage of digital topics including how to use the histogram. In addition, he offers inspirational and frank insight that goes far beyond the nuts and bolts of photography, explaining that successful photos come from having a vision, practicing, and then acquiring the equipment needed to accomplish the intention. Easily digestible and useful for every type of photographer, and complete with more than 250 jaw-dropping images, John Shaw's Guide to Digital Nature Photography is the one book you'll need to beautifully capture the world around you.

Lighting & Design for Portrait Photography 2014-11-17 Some

photographers make portraits that we can't take our eyes off of. These images create mood, evoke emotion, and pique our curiosity. They have that certain something that other portraits seem to lack. These rare images are memorable—the kind of shots that clients want and photographers strive to emulate. These portraits are technically precise and have style. Neil van Niekerk is a big name in the portrait and wedding photography industry. His masterful photographs get a reaction, and he's devoted to helping others create compelling portraits for their clients. In this book, van Niekerk shows readers strategies for creating a wide range of portrait looks (romantic, fun, sweet, dramatic, glamorous, or moody) in lackluster, middle-of-nowhere locales, small home

studios, big expanses, and even on rooftops. Starting with traditional lighting and posing strategies and moving through “spicier” varieties, he shows readers how integrating specialized lighting (rim lighting, backlighting, flare, and low-key lighting—using natural light and artificial sources) and compositional approaches (shallow depth of field, lens compression, and unorthodox perspectives) into their creative approach can allow them to take full creative control over their portrait-taking process so that they’re able to deliver incredible shots of their clients in any photographic conditions.

Winning Images with Any Underwater Camera Paul Colley 2014-05-29 ‘This book will arm and inspire you to transform your underwater

photographs, whatever camera you use’: Alex Mustard (from the Foreword) The best underwater images don’t just capture the subject well, they also capture mood, emotion and atmosphere. Unlike most other underwater photography books, Winning Images with Any Underwater Camera focuses on composition and techniques rather than the all-consuming camera technology that people tend to chase first. This makes it a supremely cost-effective tool for improving images; and there is no discrimination between users of different camera systems – this truly is a book for all. International award winner and instructor Paul Colley reveals the short cuts and shows the vital bits of artistic theory as it applies to underwater photography, grappling with

composition in much greater depth than in other books. He also includes easy-to-remember reference models for underwater composition: pre-planned concepts for twelve typical underwater scenes, with the principal considerations boiled down to those essentials that will help you achieve great results, time and again.

A Photographer's Guide to Focus and Autofocus Alan Hess 2016-02-17

Autofocus changed the way photos are taken, making it easier to capture and keep the subject in sharp focus. Since autofocus was first introduced, it has become much more complicated, offering different focus modes, focus types, and focus points. What started out as a way to simplify the photo-making process has turned into a complicated endeavor with numerous choices and settings. A

Photographer's Guide to Focus and Autofocus: From Snapshots to Great Shots is here to answer all your questions about the focusing system in today's cameras and their various autofocus modes. Photographer Alan Hess covers the simple basics of focus: manual focus versus autofocus, the best focus modes to use, and how focus works in both DSLRs and mirrorless cameras. Then he discusses more advanced topics, including autofocus sensor types, back-button autofocus, and focus for DSLR video. There is much more to autofocus, and focus in general, than just pushing the shutter release button and hoping the image is sharp and in focus. With this book, you'll learn how to get the right focus in your images, no matter what the occasion. Follow along with your friendly and

knowledgeable guide, and you will:
Learn the top ten things to know about focus, including how to use the focus controls on the camera, how to pick the autofocus point, and when to use pre-focus in your images Address common autofocus issues such as dealing with low contrast or low light, or shooting through obstacles like glass or a fence Develop troubleshooting techniques for what to do when the autofocus doesn't work properly Work with both manual focus and autofocus and learn tricks to achieve better focus in video And once you've got the shot, show it off! Join the book's Flickr group to share your photos and tips at [flickr.com/groups/focusandautofocusfromsnapshotstogreatshots](https://www.flickr.com/groups/focusandautofocusfromsnapshotstogreatshots)
Moody's International Manual 1996
Outdoor Flash Photography John

Gerlach 2017-06-27 Maximizing the power of your camera's flash is difficult enough in a studio set-up, but outdoors literally presents a whole new world of challenges. John Gerlach and Barbara Eddy have taken the most asked about subject from their renowned photography workshops and turned it into this guidebook that is sure to inspire your next outdoor shoot, while also saving you time and frustration. Outdoor Flash Photography covers a range of practices from portrait to landscape, including unique strategies that the authors have pioneered through 40 years in the field. Mastering the use of multiple flashes to freeze action is shown through one of most challenging subjects in nature, hummingbirds in flight. This book will benefit photographers of all

experience levels who are eager to evolve their outdoor photography and get the most out of their equipment. *Ask an Astronaut* Tim Peake 2017-10-17 Was it fun to do a space walk? How squashed were you in the capsule on the way back? What were your feelings as you looked down on Earth for the first time? Were you ever scared? Where to next -- the Moon, Mars, or beyond? Based on his historic mission to the International Space Station, *Ask an Astronaut* is Tim Peake's guide to life in space, and his answers to the thousands of questions he has been asked since his return to Earth. With explanations ranging from the mundane -- how do you wash your clothes or go to the bathroom while in orbit? -- to the profound -- what's the point? -- all written in Tim's characteristically warm style,

Tim shares his thoughts on every aspect of space exploration. From training for the mission to launch, to his historic spacewalk, to re-entry, he reveals for readers of all ages the cutting-edge science behind his groundbreaking experiments, and the wonders of daily life on board the International Space Station. The public was invited to submit questions using the hashtag #askanastronaut, and a selection are answered by Tim in the book, accompanied with illustrations, diagrams, and never-before-seen photos.

Handbook of Optical Metrology Toru Yoshizawa 2017-07-28 *Handbook of Optical Metrology: Principles and Applications* begins by discussing key principles and techniques before exploring practical applications of

optical metrology. Designed to provide beginners with an introduction to optical metrology without sacrificing academic rigor, this comprehensive text: Covers fundamentals of light sources, lenses, prisms, and mirrors, as well as optoelectronic sensors, optical devices, and optomechanical elements Addresses interferometry, holography, and speckle methods and applications Explains Moiré metrology and the optical heterodyne measurement method Delves into the specifics of diffraction, scattering, polarization, and near-field optics Considers applications for measuring length and size, displacement, straightness and parallelism, flatness, and three-dimensional shapes This new Second Edition is fully revised to reflect the latest

developments. It also includes four new chapters—nearly 100 pages—on optical coherence tomography for industrial applications, interference microscopy for surface structure analysis, noncontact dimensional and profile metrology by video measurement, and optical metrology in manufacturing technology.

The Complete Guide to Bird

Photography Jeffrey Rich 2018-09-15

In this beautifully illustrated book, author Jeffrey Rich provides indispensable tips for taking polished, professional-quality photographs of birds. Catering to a wide audience, from beginners to professional photographers who are new to bird photography, he covers equipment selection and camera settings to maximize your in-camera captures and provides ideas for

finessing the images in postproduction and getting the images seen. Readers will also learn when and where to find subjects that are flying, perching, nesting, eating, and mating—as well as how to attract them. Birding enthusiasts will enjoy informative text about a wide variety of birds, from swallows, to hummingbirds, to cranes, flamingos, owls, and more, and will also learn how to be a better steward of nature by behaving ethically while capturing heart-fluttering images. Illustrated with over 180 full-color images, this book is both a bonafide educational tool and a feast for the eyes.

A Photo Curmudgeon's Tale Shawn M. Tomlinson 2015-06-17 Long-time columnist and lifelong photographer Shawn M. Tomlinson writes about the art and technique of photography with

wit and humor. He focuses in his Photo Curmudgeon columns on getting started in as well as moving into advanced photography. Instead of concentrating upon the newest, shiniest photographic equipment, Tomlinson works with all levels of older equipment, makes recommendations and recounts his own "Voyages of Photography." He helps the novice get started with higher end, older cameras and lenses, and helps with photo editing suggestions and techniques.

Shot in the Dark 2016-03-21 Wedding photographers are under tremendous pressure to capture once-in-a-lifetime moments—from the bride's preparations, to the ceremony, to the reception and the exit. They are forced to shoot in low light in every wedding—whether in poorly lit

ceremony and reception venues or, later in the day, when the peak lighting has faded. This presents myriad problems and obstacles to achieving beautiful, artfully executed images of the events of the wedding day. In this book, popular photoeducator Brett Florens and contributors provide digital photo techniques and lighting solutions—from reflectors, to LED lights, to flash—that will help you ensure that no important image is lost to poor light or exposure concerns. From choosing and using the best camera settings to scouting locations with interesting, workable light, to creating gorgeous artistic effects, this book provides the skills you need to get THE shot at every stage of the wedding and in any locale.

Mastering the Nikon D500 Darrell Young 2016-12-13 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 knowledge. The information in this book goes beyond the camera itself and also covers basic photography technique.