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With the demands of quality management and process control in an industrial environment machine vision is becoming an important issue. This handbook of machine vision is written by experts from leading companies in this field. It goes through all aspects of image acquisition and image processing. From the viewpoint of the industrial application the authors also elucidate in topics like illumination or camera calibration. Attention is paid to all hardware aspects, starting from lenses and camera systems to camera-computer interfaces. Besides the detailed hardware descriptions the necessary software is discussed with equal profoundness. This includes sections on digital image basics as well as image analysis and image processing. Finally the user is introduced to general aspects of industrial applications of machine vision, such as case studies and strategies for the conception of complete machine vision systems. With this handbook the reader will be enabled not only to understand up to date systems for machine vision but will also be qualified for the planning and evaluation of such technology. This book contains extended and revised versions of the best papers presented at the 18th IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2010, held in Madrid, Spain, in September 2010. The 14 papers included in the book were carefully reviewed and selected from the 52 full papers presented at the conference. The papers cover a wide variety of excellence in VLSI technology and advanced research. They address the current trend toward increasing chip integration and technology process advancements bringing about stimulating new challenges both at the physical and system-design levels, as well as in the test of these systems. A comprehensive guide to the art and science of bioimaging data acquisition, processing and analysis Standard and Super-Resolution Bioimaging Data Analysis gets newcomers to bioimage data analysis quickly up to speed

on the mathematics, statistics, computing hardware and acquisition technologies required to correctly process and document data. The past quarter century has seen remarkable progress in the field of light microscopy for biomedical science, with new imaging technologies coming on the market at an almost annual basis. Most of the data generated by these systems is image-based, and there is a significant increase in the content and throughput of these imaging systems. This, in turn, has resulted in a shift in the literature on biomedical research from descriptive to highly-quantitative. Standard and Super-Resolution Bioimaging Data Analysis satisfies the demand among students and research scientists for introductory guides to the tools for parsing and processing image data. Extremely well illustrated and including numerous examples, it clearly and accessibly explains what image data is and how to process and document it, as well as the current resources and standards in the field. A comprehensive guide to the tools for parsing and processing image data and the resources and industry standards for the biological and biomedical sciences Takes a practical approach to image analysis to assist scientists in ensuring scientific data are robust and reliable Covers fundamental principles in such a way as to give beginners a sound scientific base upon which to build Ideally suited for advanced students having only limited knowledge of the mathematics, statistics and computing required for image data analysis An entry-level text written for students and practitioners in the bioscience community, Standard and Super-Resolution Bioimaging Data Analysis de-mythologises the vast array of image analysis modalities which have come online over the past decade while schooling beginners in bioimaging principles, mathematics, technologies and standards. Marketing experts predict that by 2009, nearly 90% of all cell phones will contain a camera, as manufacturers race to create cheaper, easier-to-use models with more sophisticated cameras, more pixels, flash units and even multiple lenses. Already revolutionizing audiovisual communication, it's a trend that will only grow more explosively—and who better than National Geographic to create a how-to book aimed directly at the millions who carry a camera phone everywhere and want to make the most of it? Created by two top professionals, this generously illustrated nuts-and-bolts guide is the first of its kind to treat these units as genuine cameras instead of novelties, and the only one to include a full-color photo-essay demonstrating the full capabilities of the latest camera phones. In five easy-to-read chapters, the book explains how to choose good equipment; take better pictures; and store, print and send the best images. Readers will find practical tips on preventing or repairing water damage, protecting easily-scratched lenses inside pockets and purses, and retrieving accidentally-erased images. They'll also learn to access the events, advice, and opportunities of the burgeoning camera phone community, from film festivals to news organizations, moblogs, and more. Featuring the technical savvy of CNet.com's Aimee Baldrige and the creative skill of National Geographic photographer Robert Clark, a camera phone pioneer, this compact yet comprehensive reference combines up-to-the-minute expertise with superb examples, at an inexpensive price that makes it a perfect gift book—or an ideal impulse buy. 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! The new edition of CCTV, a high-level professional reference, is expanded to cover all video compression techniques used in the ever-increasing assortment of digital video recorders (DVRs) available on the market today. In addition to demystifying DVR technology, the third edition also clarifies the technology of data networking and explains various compression techniques. Along with all this, the book retains the particulars that made the previous editions convenient and valuable, including details of CCD cameras, lenses, coaxial cables, fiber-optics, and system design. Updated to address digital techniques, networking, and the Internet in closed-circuit television Includes brand new sections on CCTV networking, digital video recorders (DVRs), various video compression techniques, and understanding pixels and digital image quality Fully illustrated with dozens of photographs, tables, checklists, charts, diagrams, and instructions Join the digital revolution and take better pictures than you've ever dreamed possible. Intimidating technical terms become easy to understand, and forbidding bells and whistles become easy to manipulate. With detailed illustrations, see how the camera works. Learn to use memory cards. Then master the art of editing pictures on your PC, including special editing effects to enhance a photo's mood, transform its background, or delete clutter. Quickly, you're ready to print pictures on your printer and e-mail them to your friends. Later sections show you how easy it is to add accessories such as close-up, telephoto, and wide-angle lenses, remote controls, and software for editing and storage. Along the way: first-person accounts of "disasters and how I fully recovered." Today's digital cameras are affordable and provide quality images that rival their traditional film counterparts. Because digital images are easier to share, and because you only have to print the pictures you need, this new medium is both cost effective and environmentally friendly. Best of all, it's fun! With a digital camera, you can set free your creative spirit and take risks you never would with a film camera. The only obstacle is learning how to unlock all of this power and pleasure packed into these pocket-sized picture takers. "Digital Photography Pocket Guide," 2nd Edition expands on the basic photography techniques introduced in the bestselling first edition to help you take the kind of pictures you've always wanted to--and now in full color! This book is the photo mentor you've always wanted: it explains each of the camera's components, shows you what they do, and then helps you choose the right settings. When you ask, "How can I get that picture?," simply pull this small guide out of your camera bag, backpack, or back pocket and find the answer quickly. This fully illustrated book covers everything from image resolution, shooting sports action, close ups and night shots, to memory cards, transferring images, archiving, making QuickTime movies, and much more. Topics in the guide's three main sections on "Digital Camera Components," "Standard Camera Functions," and "How Do I?" are labeled A to Z for quick reference. Or if you prefer, use the comprehensive

index or table of contents to find the information you need. There's even an entire section of easy to read reference tables for quick look up of white balance settings, exposure compensation, camera mode explanations, and much more. The ideal guide for beginning DSLR camera users, with full-color examples of what you can achieve Make the most of your Canon, Nikon, Sony, Pentax, or Olympus digital SLR camera! This guide explains the different lenses, the many settings and how to use them, the results you can get from using different controls, how to use lighting and exposure, and much more. If you haven't purchased your camera yet, you'll also find tips on choosing a camera and accessories. And you'll find out how to make your pictures even better with Photoshop. Updated for all the newest camera models Introduces you to all the features common to DSLR cameras Illustrated with more than 300 full-color photos and screen shots Shares tips on composition, lighting and exposure controls, and file formats Explains Adobe Photoshop and how to create fine prints from your photos Offers advice on improving your photos and where to find help If you're new to digital SLR photography, here's just what you need to have fun and success with your camera! This unique book on super-resolution microscopy techniques presents comparative, in-depth analyses of the strengths and weaknesses of the individual approaches. It was written for non-experts who need to understand the principles of super-resolution or who wish to use recently commercialized instruments as well as for professionals who plan to realize novel microscopic devices. Explaining the practical requirements in terms of hardware, software and sample preparation, the book offers a wealth of hands-on tips and practical tricks to get a setup running, provides invaluable help and support for successful data acquisition and specific advice in the context of data analysis and visualization. Furthermore, it addresses a wide array of transdisciplinary fields of applications. The author begins by outlining the joint efforts that have led to achieving super-resolution microscopy combining advances in single-molecule photo-physics, fluorophore design and fluorescent labeling, instrument design and software development. The following chapters depict and compare current main standard techniques such as structured illumination microscopy, single-molecule localization, stimulated emission depletion microscopy and multi-scale imaging including light-sheet and expansion microscopy. For each individual approach the experimental setups are introduced, the imaging protocols are provided and the various applications illustrated. The book concludes with a discussion of future challenges addressing issues of routine applications and further commercialization of the available methods. Guiding users in how to make choices for the design of their own experiments from scratch to promising application, this one-stop resource is intended for researchers in the applied sciences, from chemistry to biology and medicine to physics and engineering. This book presents recent advances in the area of Radioscience, Equatorial Atmospheric Science and Environment from the international symposium for equatorial atmosphere of the celebration of the Equatorial Atmosphere Radar (EAR) 20th Anniversary, conducted by Indonesian National Institute of Aeronautics and Space (LAPAN) and Kyoto University, in 2021. It provides a scientific platform for all participants to discuss ideas and current issues as well as to design solutions in the areas of atmospheric science, environmental science, space science, and related fields. Relationships are given for the relative positions of the optical axis, images, rotating mirror, and film planes in rotating-mirror smear and frame cameras. The book covers different aspects of real-world applications of optimization algorithms. It provides insights from the Fourth International Conference on Harmony Search, Soft Computing and Applications held at BML Munjal University, Gurgaon, India on February 7–9, 2018. It consists of research articles on novel and newly proposed optimization algorithms; the theoretical study of nature-inspired optimization algorithms; numerically established results of nature-inspired optimization algorithms; and real-world applications of optimization algorithms and synthetic benchmarking of optimization algorithms. Fully updated to cover the 2019 exam release! CompTIA's A+ certification is

an essential certification to building a successful IT career. Test takers must pass both 90-question exams to be certified, and this book—plus online test bank—will help you reach your certification goal. The 9 minibooks map to the exam's objectives, and include new content on Windows 10, Scripting, Linux, and mobile devices. You'll learn about how computers work, networking, computer repair and troubleshooting, security, permissions, and customer service. You'll also find test-taking advice and a review of the types of questions you'll see on the exam. Use the online test bank to test your knowledge and prepare for the exam Get up to speed on operating system basics Find out how to manage the operating system Discover maintenance and troubleshooting tips Inside is all the knowledge you need to pass the new A+ exam! Video Field Production and Editing concentrates on video techniques and technology appropriate for "small scale" single-camera electronic field production (EFP) and electronic news gathering (ENG). This book offers the latest material on new digital field recording and editing technologies and is written in a concise, non-technical, user-friendly format. Reorganized and updated throughout, with new sections dedicated to HDV (High Definition Video) videotape recording formats, and tapeless digital recording media including high capacity optical discs, solid-state memory cards, and computer hard drives, the book walks the reader through the video production process from initial planning through final editing. For nearly 20 years, home crafters have turned to the pages of Martha Stewart Living for all kinds of crafts projects, each presented in the magazine's inimitable style. Now, the best of those projects, including step-by-step instructions and full-color photographs, have been collected into a single encyclopedia. Organized by topic from A to Z, Martha Stewart's Encyclopedia of Crafts contains complete instructions and brief histories for more than 30 techniques, detailed descriptions of the necessary tools and materials, and easy-to-copy templates. Martha and her team of crafts editors guide readers through each subject, from botanical pressing and decoupage to rubber stamping and wreaths, with characteristic clarity and unparalleled attention to detail. Crafters of all skill and experience levels will appreciate the many variations presented for each technique. For example, candlemaking presents a comprehensive array of poured, rolled, and cutout candles, including instructions for making your own one-of-a-kind rubber candle molds, floating candles, sand candles, and more. Each craft in the book takes on charming new dimensions with innovations that could come only from the team behind Martha Stewart Living. In addition, each entry in Martha Stewart's Encyclopedia of Crafts is chock-full of tips and advice. Handy glossaries in the entries—such as a comprehensive gem glossary, a glitter glossary, and a color glossary for making tinted wax—are valuable references that crafters will refer to again and again. What's more, the Tools and Materials section outlines the best essential supplies that every crafter needs to have on hand, and the Sources pages clue readers in to the vendors and suppliers that the magazine's crafts editors rely on most. Filled with solid technical know-how, and presented with gorgeous color photographs, this handy guide can be read page by page and kept as a lasting reference by crafters and artisans alike. Clear, concise, and clinical, this unique reference offers a comprehensive overview of the basic techniques needed for ocular examination and diagnosis. Abundantly illustrated, it presents the principles of each technique, provides guidance on choosing the appropriate approach, explains how to perform them, offers examples of when each technique should be used, and lists their common indications and potential pitfalls. Offers a full chapter covering new imaging techniques for the retina and optic nerve. Features abundantly illustrated guidance in a clear format for a quick visual reference. Explores standard assessment procedures as well as microbiological examination and investigation, ultrasound and radiological evaluation, clinical visual electrophysiology, and fluorescein angiography. The methods for measuring the resolution of camera systems are described. The primary application is for users and manufacturers to quantify the limit where fine detail contained in the original image is no longer reproduced by the camera system. The techniques described

may also be use for laboratory measurements and for proof-of-performance specifications for a camera. The fast and easy way to grasp Photoshop CC essentials Photoshop is the gold standard when it comes to photo and image editing tools. But unless you've ever taken a class or gotten help from a Photoshop guru, you may find yourself a bit confused on where to start and how to get things done. Photoshop CC For Dummies, 2nd Edition is the book for those of us who don't know a layer from a level and just want to learn how to make photos look better. This update to Photoshop CC For Dummies, the first since the product launched, packs an even more powerful punch to help you manage and enhance your images. In Photoshop CC For Dummies, 2nd Edition you'll find clear explanations of the menus, panels, tools, options, and shortcuts you'll use the most. Plus, you'll discover invaluable tips for fixing common photo flaws, improving color quality, adjusting brightness, removing unwanted background elements, and more. Whether you want to improve how your family photos look or need to add a new skillset to your resume, this friendly guide gives you all the steps to navigating the software and getting top-notch results. Get a handle on the most common tools Improve focus and color in photos Add text and illustrations to create stunning graphics Find insider tips and tricks the pros use The sky's the limit for stunning photos and innovative images when you have Photoshop CC For Dummies, 2nd Edition in your design toolbox! With the exponential increase in computing power and broad proliferation of digital cameras, super-resolution imaging is poised to become the next "killer app." The growing interest in this technology has manifested itself in an explosion of literature on the subject. Super-Resolution Imaging consolidates key recent research contributions from eminent scholars and practitioners in this area and serves as a starting point for exploration into the state of the art in the field. It describes the latest in both theoretical and practical aspects of direct relevance to academia and industry, providing a base of understanding for future progress. Features downloadable tools to supplement material found in the book Recent advances in camera sensor technology have led to an increasingly larger number of pixels being crammed into ever-smaller spaces. This has resulted in an overall decline in the visual quality of recorded content, necessitating improvement of images through the use of post-processing. Providing a snapshot of the cutting edge in super-resolution imaging, this book focuses on methods and techniques to improve images and video beyond the capabilities of the sensors that acquired them. It covers: History and future directions of super-resolution imaging Locally adaptive processing methods versus globally optimal methods Modern techniques for motion estimation How to integrate robustness Bayesian statistical approaches Learning-based methods Applications in remote sensing and medicine Practical implementations and commercial products based on super-resolution The book concludes by concentrating on multidisciplinary applications of super-resolution for a variety of fields. It covers a wide range of super-resolution imaging implementation techniques, including variational, feature-based, multi-channel, learning-based, locally adaptive, and nonparametric methods. This versatile book can be used as the basis for short courses for engineers and scientists, or as part of graduate-level courses in image processing. Current Techniques in Small Animal Surgery, Fifth Edition provides current information regarding surgical techniques from the perspective of clinicians who are performing specific procedures on a regular basis. It is intended to be concise, well illustrated, and reflective of the writer's experience, both good and bad. The emphasis with this volume is technique. The pathophysiologic principles and applications are covered in the companion volume, Mechanisms of Disease in Small Animal Surgery, Third Edition. These two books are regarded by most practitioners and students as being a two-volume set. Learn everything you need to know to master your GoPro MAX 360 camera in this guide book from the #1 AMAZON BEST SELLING AUTHOR on how to use GoPro cameras. Written specifically for GoPro Max, this is the perfect guide book for anyone who wants to learn how to use the GoPro Max camera to capture unique 360 and traditional videos and photos. Packed

with color images, this book provides clear, step-by-step lessons to get you out there using your GoPro MAX camera to document your life and your adventures. This book covers everything you need to know about using your GoPro MAX camera. The book teaches you: *how to operate your GoPro Max camera; *how to choose settings for full 360 spherical video; *how you can tap into the most powerful, often overlooked settings for traditional video; *tips for the best GoPro mounts to use with GoPro Max; *vital 360 photography/cinematography knowledge; *simple photo, video and time lapse editing techniques for 360 and traditional output and *the many ways to share your edited videos and photos. Through the SEVEN STEPS laid out in this book, you will understand your camera and learn how to use mostly FREE software to finally do something with your results. This book is perfect for beginners, but also provides in depth knowledge that will be useful for intermediate camera users. Written specifically for the GoPro MAX camera. This book has been written to provide research workers with an introduction to several optical techniques for new applications. It is intended to be comprehensible to people from a wide range of backgrounds - no prior optical or physics knowledge has been assumed. However, sufficient technical details have been included to enable the reader to understand the basics of the techniques and to be able to read further from the references if necessary. The book should be as useful to postgraduate students and experienced researchers as those entering the bioengineering field, irrespective of whether they have a technical or clinical background. It has been prepared with an awareness of the inherent difficulties in understanding aspects of optics which, in the past, have precluded practical application. The contents address a broad range of optical measurement techniques which have been used in biomechanics, techniques characterized as non-contacting and non-destructive. Theoretical outlines and practical advice on gaining entry to the fields of expertise are complemented by biomechanical case studies and key literature references. The aim is to present each technique, to appraise its advantages and capabilities and thereby to allow informed selection of an appropriate method for a particular application. It is anticipated that research workers will be assisted in establishing new methodologies and gain first-hand experience of the techniques. The book Cutting Edge Research in Technologies responds to the great interest for innovation in the large domain of technologies. It presents contributions by researchers with high expertise in the field, serving as a valuable reference for scientists, researchers, graduate students, and professionals. The book has five chapters covering the following subjects: information and communication technologies and services with the aim of improving the quality of life and the mobility of users, localisation technologies for deployment of mobile robots in dynamic environments, embedded video processing circuit design flow in the Python language, data communications and networking, and textile weaving. Written for the non-specialist media producer, this book offers a practical and engaging guide to basic digital media production using modern equipment and software. As media production tools and software become more pervasive and traditional media jobs scarcer, today's media professionals are now expected to be content creators across multiple forms of media, often working with little more equipment than a smartphone. In this accessible manual, Griffey explains how well-crafted media can help sell products, bolster subscriptions, and influence public opinion—and how to go about crafting it in a landscape of high-speed social media consumption. Topics covered include the basics of photography, film, video, and audio production, as well as animation and building websites. Readers will learn not just how to shoot or record content, but also how to edit, compress, and share it, considering the most appropriate file types, equipment, software, and platforms to use for each scenario. After reading this book, students will understand best practices associated with almost every area of media production and possess the essential skills to get the job done. This book is an essential companion for students in communication disciplines, including PR, advertising, journalism, and marketing, looking for a solid grounding in digital media

production to prepare them for the competitive job market. A guide to digitizing photographs from a variety of original physical formats using a camera and the Lightroom software; accompanying eBook contains the book text in two formats: PDF version for computers, and, EPUB version for tablets or phones, along with 9 hours of video instruction, viewable on Mac or Windows platforms. This detailed book summarizes the four main components of image quality which are resolution, dynamic range, color reproduction/bit depth, and low light performance. Learn how Hollywood camera sensors capture stunning images! To my wife, Mitu - Vivek Bannore Preface Preface In many imaging systems, under-sampling and aliasing occurs frequently leading to degradation of image quality. Due to the limited number of sensors available on the digital cameras, the quality of images captured is also limited. Factors such as optical or atmospheric blur and sensor noise can also contribute further to the degradation of image quality. Super-Resolution is an image reconstruction technique that enhances a sequence of low-resolution images or video frames by increasing the spatial resolution of the images. Each of these low-resolution images contain only incomplete scene information and are geometrically warped, aliased, and under-sampled. Super-resolution technique intelligently fuses the incomplete scene information from several consecutive low-resolution frames to reconstruct a high-resolution representation of the original scene. In the last decade, with the advent of new technologies in both civil and military domain, more computer vision applications are being developed with a demand for high-quality high-resolution images. In fact, the demand for high-resolution images is exponentially increasing and the camera manufacturing technology is unable to cope up due to cost efficiency and other practical reasons. Focusing on fieldcraft techniques for macro and close-up photography, Thompson covers the vital but often overlooked skills necessary to achieve consistent professional results in the field. Case studies covering a broad and often challenging group of subjects from the seashore to your back garden form the core of the lavishly illustrated book. Biology, life history, subject behaviour and ethics along with best practice approaches are discussed in detail and underpinned with photographic tips. The book is divided into four sections—Digital Fundamentals, Fieldcraft & Methodology, Portfolio Case Studies, Digital Workflow & Presentation—covering the full photographic process from capture through to editing, captioning, development and storage are discussed. Moving beyond the surface-level approach to macro instruction, this book provides readers with techniques that work in the field. Illustrated with over 250 of the author's own inspiring images, this publication is a must for photographers, naturalists and anyone interested in improving their macro skills in the field. Consistently rated as the best overall introduction to computer-based image processing, The Image Processing Handbook covers two-dimensional (2D) and three-dimensional (3D) imaging techniques, image printing and storage methods, image processing algorithms, image and feature measurement, quantitative image measurement analysis, and more. Incorporating image processing and analysis examples at all scales, from nano- to astro-, this Seventh Edition: Features a greater range of computationally intensive algorithms than previous versions Provides better organization, more quantitative results, and new material on recent developments Includes completely rewritten chapters on 3D imaging and a thoroughly revamped chapter on statistical analysis Contains more than 1700 references to theory, methods, and applications in a wide variety of disciplines Presents 500+ entirely new figures and images, with more than two-thirds appearing in color The Image Processing Handbook, Seventh Edition delivers an accessible and up-to-date treatment of image processing, offering broad coverage and comparison of algorithms, approaches, and outcomes. Photography, Colour photography, Monochrome photography, Photographic equipment, Photographic images, Cameras, Still-picture cameras, Electronic equipment and components, Resolution, Resolving power determination, Optical measurement, Digital signals, Analogue signals The perennial digital photography bestseller, now updated to cover the hottest topics Digital SLR

Cameras & Photography For Dummies has been a bestseller since it first came into the picture, and this new edition gets you up to (shutter) speed on the latest technologies available. Veteran author David Busch walks you through new camera models from the leading manufacturers, WiFi and GPS options, full HD moviemaking, and the latest dSLR features. He also provides you with a solid foundation of knowledge about exposure, composition, and lighting that any new dSLR user needs to know to get great results from the camera. The straightforward-but-friendly coverage offers tips for choosing a camera and accessories, using different controls, maximizing lighting and exposure, and editing your photos. With this helpful book by your side, you'll learn your way around shutter speed, aperture, and ISO so that you can get a handle on the big picture while you take pictures! Introduces you to all the features common to dSLR cameras, whether it's Canon, Nikon, Sony, Pentax, Olympus, or another digital SLR camera Shares tips on composition, lighting and exposure controls, and file formats Shows you how to get photos from your camera to a computer and then how to manage, edit, and share your pics Offers hints on improving your skills, online resources, and the jargon of the pros If you're ready to get in the dSLR picture, then this is the book you need.

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