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**Canon EOS Digital Rebel XSi/450D For Dummies** John Wiley & Sons *If you're as excited as we are about the Rebel XSi/450D, you probably can't wait to start shooting. Canon EOS Digital Rebel XSi/450D For Dummies will show you how to make every shot count! Even if you're new to digital SLR cameras or are unfamiliar with general photography terms and techniques, this handy guide will show you how to feel comfortable with the controls and start taking beautiful photographs. Don't worry if you've never heard the words aperture, white balance, or ISO. You'll soon be switching easily between automatic and manual modes, managing exposure, and using the all-important Quality setting! You'll learn everything about the lenses, from how to choose the ones you need to how to handle them. You'll finally know how to push just the right buttons to achieve the results that you desire. In a snap, you will find out how to unleash your creativity by manipulating exposure and lighting. You will find out how to: Control picture quality Adjust resolution for image quality and size Shoot in automatic and manual modes Review photos using Playback Mode and the histogram, delete unwanted photos, and protect valuable photos from accidental deletion Manipulate exposure, color, focus, and lighting Download, organize, archive, print, and share photos with family and friends Complete with lists of ten fast photo-editing tricks and ten special-purpose features to explore on a rainy day, Canon EOS Digital Rebel XSi/450D For Dummies is your one-stop guide to setting up, working with, and making the most of your new Canon digital SLR camera.* **Canon EOS Digital Rebel XTi / 400D Digital Field Guide** John Wiley & Sons *This full-color book is designed to tap the exploding market in serious digital photography with over 250 pages of new and beautiful photos, essential photography how-to information and no-fail formulas for getting great digital pictures with the newly announced Canon EOS Digital Rebel XTi/400D. It goes above and beyond competitive digital SLR books with step-by-step techniques that cover exposure, composition, and professional shooting tips on perspective, impact, and more. Charlotte K. Lowrie, author of two previous Digital Field Guides (see below), is an acclaimed photographer who was managing editor of editorial content for MSN Photos and now writes online instructional content for Canon. Charlotte K. Lowrie (Woodinville, WA) is a freelance editorial and stock photographer and an award-winning writer. Her work has appeared in Popular Photography & Imaging and PHOTOgraphic magazines, and she is the author of the bestselling Canon EOS Digital Rebel Digital Field Guide as well as Adobe Camera Raw Studio Skills, the Canon EOS 30D Digital Field Guide, and Teach Yourself Visually Digital Photography, Second Edition, all from Wiley. Charlotte also teaches photography classes through BetterPhoto.com.* **Canon EOS Digital Rebel XTi / 400D For Dummies For Dummies** *The Canon Digital Rebel XTi/400D is an ideal camera for first-time digital SLR users. Unfortunately if you don't know photography lingo you might find yourself never veering from your camera's default settings and into all the cool features that help you take outstanding photos. This book takes care of that problem. Canon EOS Digital Rebel XTi/400D For Dummies comes to the aid of new and inexperienced XTi/400D users by walking them through all the features of their camera. The book not only explains that camera's controls, but also demonstrates how each feature contributes to creating great photos. Illustrated with hundreds of full-color photos, this guide helps you get up-to-speed on the XTi/400D and in control of this popular camera.* **Canon EOS Digital Rebel XTi / 400D For Dummies** John Wiley & Sons *The Canon Digital Rebel XTi/400D is an ideal camera for first-time digital SLR users. Unfortunately if you don't know photography lingo you might find yourself never veering from your camera's default settings and into all the cool features that help you take outstanding photos. This book takes care of that problem. Canon EOS Digital Rebel XTi/400D For Dummies comes to the aid of new and inexperienced XTi/400D users by walking them through all the features of their camera. The book not only explains that camera's controls, but also demonstrates how each feature contributes to creating great photos. Illustrated with hundreds of full-color photos, this guide helps you get up-to-speed on the XTi/400D and in control of this popular camera.* **Canon EOS 7D Pixiq** *An introduction to the Canon EOS 7D camera examines the purpose and function of the camera's basic controls and how to use them, accompanied by explanations of custom functions, choosing exposure settings, manipulating focus and color, and downloading pictures.* **Canon EOS Rebel T100/4000D User Guide The Perfect Manual for Beginners to Master the T100/4000D** *Independently Published An All in One Guide to Master your Canon EOS Rebel T100 /4000D The Canon EOS Rebel T100 / EOS 4000D is a simple APS-C DSLR camera. The Rebel T100 is decent for landscape photography. It offers great image quality, with a high dynamic range, good color accuracy, and low levels of graininess even at high ISO levels, which is great for nighttime shoots. Taking the perfect shot requires more than just years of experience and good lighting! Knowing Your camera and what it offers you is a primary requirement. and this EOS 4000D manual provides clear, step by step instructions to help you take full advantage of your camera. Here's a preview of what you'll learn Learn about each button on your camera Understand the settings Get better photos in auto or manual mode Shoot, view, and edit*

movies Whatever the occasion you're shooting for, you'll get all the guidance you need to take excellent photos from now! **Canon EOS Digital Rebel XSi/450D For Dummies** John Wiley & Sons If you're as excited as we are about the Rebel XSi/450D, you probably can't wait to start shooting. Canon EOS Digital Rebel XSi/450D For Dummies will show you how to make every shot count! Even if you're new to digital SLR cameras or are unfamiliar with general photography terms and techniques, this handy guide will show you how to feel comfortable with the controls and start taking beautiful photographs. Don't worry if you've never heard the words aperture, white balance, or ISO. You'll soon be switching easily between automatic and manual modes, managing exposure, and using the all-important Quality setting! You'll learn everything about the lenses, from how to choose the ones you need to how to handle them. You'll finally know how to push just the right buttons to achieve the results that you desire. In a snap, you will find out how to unleash your creativity by manipulating exposure and lighting. You will find out how to: Control picture quality Adjust resolution for image quality and size Shoot in automatic and manual modes Review photos using Playback Mode and the histogram, delete unwanted photos, and protect valuable photos from accidental deletion Manipulate exposure, color, focus, and lighting Download, organize, archive, print, and share photos with family and friends Complete with lists of ten fast photo-editing tricks and ten special-purpose features to explore on a rainy day, Canon EOS Digital Rebel XSi/450D For Dummies is your one-stop guide to setting up, working with, and making the most of your new Canon digital SLR camera. **David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography** Rocky Nook, Inc. David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography is your complete all-in-one comprehensive resource and reference for the Canon EOS Rebel T7i/800D, the first Canon camera to offer in-body five-axis image stabilization for video capture. Aimed at photo enthusiasts seeking to improve their photographic skills, the T7i/800D is an affordable digital SLR with an impressive range of features, including including Wi-Fi communications to link your camera to your iOS or Android smart device. With this book in hand, the camera is remarkably easy to master, too. Equipped with a 24-megapixel sensor, full HD movie-making, an accurate autofocus system, and a full range of semi-automatic modes, scene options, and creative filters, this newest Rebel has everything you need to explore the world of photography. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'; min-height: 15.0px} With clear how-to steps and full-color illustrations, David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography covers all the camera's capabilities in depth, from taking your first photos through advanced details of setup, exposure, lenses, lighting, and more. Also included is a handy Canon Rebel T7i/800D "roadmap," an easy-to-use visual guide to the camera's features and controls. With best-selling author and mentor David Busch as your guide, you'll be in full creative control, whether you're shooting on the job, as an advanced hobbyist, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS Rebel T7i/800D today. **David Busch's Canon EOS Rebel SL2/200D Guide to Digital SLR Photography** Rocky Nook, Inc. **Canon EOS Rebel T7i/800D For Dummies** John Wiley & Sons Action, beauty, adventure, and art—start capturing memories today! Canon EOS Rebel T7i/800D For Dummies is your ultimate guide to taking spectacular photos—no photography experience required! The EOS Rebel offers professional features that camera phones just cannot match, and this book shows you how to take advantage of these features to take stunning photos in any situation. First, you'll take a tour of the controls to learn what everything does, where to find it, and how to use it. Next, you'll walk through the automatic, scene, and manual modes to learn the strengths and weaknesses of each, and how to choose a mode based on your goals for that particular photo. You'll learn how to capture action shots, take beautiful portraits, and get as artsy as you want to get as you adjust for color, lighting, and focus, and control exposure for different effects. Taking great photos doesn't have to be difficult! Your camera offers everything you need to perfectly capture any scene, and this book provides clear, easy-to-follow instruction to help you take full advantage of these professional tools. Get acquainted with your camera's controls Shoot in automatic, scene, or manual mode Compose shots and work with lighting like a pro Adjust for focus, color, depth of field, and more Whether you're taking pictures at a party, shooting scenery on vacation, catching action at a ball game, or just wandering around capturing spontaneous moments of beauty, awesome photos are just a few simple steps away. Your Canon EOS Rebel T7i/800D is equipped with the tools to make any scene share-worthy, and Canon EOS Rebel T7i/800D For Dummies equips you to start snapping professional-quality photos today! **Canon EOS M50 Users Guide The Complete User Guide for Quickly Mastering Canon Eos M50 from Beginner to Expert with All the Hidden Tips and Tricks** The Canon EOS M50 Users guide is the complete guide to using the Canon EOS M50 camera. It gives you all the essential information you need to know to make the most out of your camera. Canon EOS M50 came into the limelight on the 23rd, March 2019. Since then, it has been one of the top choices for novices and professionals in the field of Photography. Canon EOS M50 camera is certainly an extraordinary choice both for learners and further developed picture takers. It's very easy to carry, has phenomenal picture quality and solid metering and auto white balance. Because of the new DIGIC 8 picture processor, the EOS M50 can shoot at up to 10fps in Single AF mode, and you should need to follow your subject utilizing Continuous AF this drops to a still extremely solid and accurate 7.4fps. Therefore, whether you only need to learn the basics, or if you want to discover some advanced tips, The Canon EOS M50 Users guide is here to help. This book is the best user manual you need to guide you on how to use and optimally maximize your Canon EOS M50 camera. This guide will help you to quickly feel comfortable using your camera so that you can achieve excellent results. This book has comprehensive tips & in-depth tutorials for First time user, seniors, and experts, and by the time you've finished reading this book, you'll be a pro. **Canon EOS Rebel T3i / 600D For Dummies** John Wiley & Sons A full-color guide to Canon's exciting new dSLR camera Whether it's your first dSLR, your first Canon camera, or simply a new tool for your photography, your Canon Rebel T3i/600D has countless capabilities and you'll want to understand them all. This book covers all the dials, menus, and controls, showing you how to use each one. It explains how to change and use various lenses and offers advice on exposure, focus, printing, using flash, sharing photos online, and much more, all with plenty of full-color examples to show what you can achieve. Canon's popular T3i/600D offers a vast array of options for the new dSLR photographer; this book guides you through all the settings, dials, and menus Explains how to use Live View mode and record, edit, and playback video Provides tips and advice on working with exposure, manipulating focus and color, switching from auto to manual controls, and using lighting creatively Shows how to get photos from the camera to the computer, then edit and manage them using different software packages Illustrated with full-color photos from the author, showing what you can achieve This fun and friendly book helps you to quickly and confidently take advantage of the many creative

possibilities offered by your new Canon camera. **Canon EOS Rebel XTi EOS 400D** Sterling Publishing Company Canon celebrates the 20th anniversary of its top-selling EOS single-lens-reflex camera system with a new, professional-level model. This indispensable "Magic Lantern Guide" helps photographers take full advantage of this cutting-edge model's astounding features. **Collins Complete Photography Course** HarperCollins UK A practical, affordable and accessible home photography tutor. This inspiring project-based course book covers everything from basic composition to the latest digital darkroom techniques. **Digital SLR Astrophotography** Cambridge University Press In the last few years, digital SLR cameras have taken the astrophotography world by storm. It is now easier to photograph the stars than ever before! They are compact and portable, flexible to adapt with different lenses and for telescope use, and above all DSLR cameras are easy and enjoyable to use. In this concise guide, experienced astrophotography expert Michael Covington outlines the simple, enduring basics that will enable you to get started, and help you get the most from your equipment. He covers a wide selection of equipment, simple and advanced projects, technical considerations and image processing techniques. Unlike other astrophotography books, this one focuses specifically on DSLR cameras, not astronomical CCDs, non-DSLR digital cameras, or film. This guide is ideal for astrophotographers who wish to develop their skills using DSLR cameras and as a friendly introduction to amateur astronomers or photographers curious about photographing the night sky. **The Complete Guide to Canon's Digital Rebels Xt / XTi / 350D / 400D** Friedman Archives Press Friedmans book on the Canon Digital Rebel cameras provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples as well. **The Digital Photography Book The Step-by-step Secrets for how to Make Your Photos Look Like the Pros!** Pearson Education Furnishes an overview of digital photography, covering such topics as cameras, exposure, lighting, shutter speed, depth of field, and resolution--and tips on how to avoid hours of photo-editing by taking great photographs the first time. **The Witch of Blackbird Pond** Houghton Mifflin Harcourt In 1687 in Connecticut, Kit Tyler, feeling out of place in the Puritan household of her aunt, befriends an old woman considered a witch by the community and suddenly finds herself standing trial for witchcraft. **A Year with My Camera The Workbook Canon EOS Digital Rebel XT Guide to Digital SLR Photography** Muska/Lipman An introduction to the Canon EOS dSLR provides information on the camera's basic controls, their function, and how and why they should be used, covering everything from focus zones and zoom settings to exposure modes, while offering tips on shooting basics, downloading, and editing. **Canon EOS Rebel T7/2000D For Dummies** John Wiley & Sons A photography class—in a book! Your Canon EOS Rebel T7/1400D provides enough camera power to take the pro-style shots you've dreamed of shooting—and this book shows you how. **Canon EOS Rebel T7/1400D For Dummies** bridges the gap between taking quick shots in auto mode and taking charge of the settings that offer full control of your pictures' focus, color, and light balance. Take a peek inside to discover all the expert tips and tricks to take brag-worthy portraits, action shots, and close-ups—in a flash. No matter your subject, you'll get all the know-how and instruction you need to get the picture-perfect shot every time. Get started with automatic and creative modes Take full control of exposure to achieve better results Understand the settings that control light and color Follow steps on properly using flash Even if you've never picked up a DSLR camera, this friendly guide makes it fast and easy to unlock all your powerful Canon has to offer! **Palaspas An Appreciation of Palm Leaf Art in the Philippines** Ateneo De Manila University Press **Canon EOS Digital Rebel Digital Field Guide** Wiley What do you want to photograph? Nature? Fascinating places you visit? Family activities? Whatever your passion, your Canon Digital Rebel lets you leave limitations behind and express your creativity. This convenient guide is packed with helpful information you'll use almost every time you pull out your Digital Rebel ? camera essentials, photography basics, and fail-proof formulas for creating dynamite photos, all richly illustrated in full color. It'll be the second most important tool in your camera bag. **Python Forensics A Workbench for Inventing and Sharing Digital Forensic Technology** Elsevier Python Forensics provides many never-before-published proven forensic modules, libraries, and solutions that can be used right out of the box. In addition, detailed instruction and documentation provided with the code samples will allow even novice Python programmers to add their own unique twists or use the models presented to build new solutions. Rapid development of new cybercrime investigation tools is an essential ingredient in virtually every case and environment. Whether you are performing post-mortem investigation, executing live triage, extracting evidence from mobile devices or cloud services, or you are collecting and processing evidence from a network, Python forensic implementations can fill in the gaps. Drawing upon years of practical experience and using numerous examples and illustrative code samples, author Chet Hosmer discusses how to: Develop new forensic solutions independent of large vendor software release schedules Participate in an open-source workbench that facilitates direct involvement in the design and implementation of new methods that augment or replace existing tools Advance your career by creating new solutions along with the construction of cutting-edge automation solutions to solve old problems Provides hands-on tools, code samples, and detailed instruction and documentation that can be put to use immediately Discusses how to create a Python forensics workbench Covers effective forensic searching and indexing using Python Shows how to use Python to examine mobile device operating systems: iOS, Android, and Windows 8 Presents complete coverage of how to use Python scripts for network investigation **Canon EOS Digital Rebel XT/EOS 350D** Lark Books Canon's newest digital camera is going to be hot, hot, hot! It's high quality, reasonably priced, lightweight, and constructed to feel comfortable in the hand. And the many avid amateurs snatching up this great equipment will want to understand how to get the most of every one of its state-of-the-art features, from its superb resolution to its super-fast speed. This Magic Lantern Guide has the answer to all their questions, because it explains in detail how to use all the wonderful enhancements: its ability to save large and fine resolution images direct to the CompactFlash Card, its user-selectable metering; and its single plate, high sensitivity, high resolution color CMOS imaging sensor technology. **Building a Data Warehouse With Examples in SQL Server** Apress Here is the ideal field guide for data warehousing implementation. This book first teaches you how to build a data warehouse, including defining the architecture, understanding the methodology, gathering the requirements, designing the data models, and creating the databases. Coverage then explains how to populate the data warehouse and explores how to present data to users using reports and multidimensional databases and how to use the data in the data warehouse for business intelligence, customer relationship management, and other purposes. It also details testing and how to administer data warehouse operation. **Choosing and Using a New CAT Getting the Most from Your Schmidt Cassegrain or Any Catadioptric Telescope** Springer Science & Business Media Choosing and Using the New CAT will supersede the author's successful Choosing and Using a Schmidt-Cassegrain

Telescope, which has enjoyed enthusiastic support from the amateur astronomy community for the past seven years. Since the first book was published, a lot has changed in the technology of amateur astronomy. The sophistication and variety of the telescopes available to amateurs has increased dramatically. Computerized SCTs, Maksutov-Cassegrains, and most recently Meade's new and acclaimed Ritchey-Chrétien have come to dominate the market. That means that all amateurs considering the purchase of a new telescope (not only a SCT, and not just beginners) will benefit from this detailed guide. Choosing the right telescope for particular kinds of observation (or even for general work) is far from easy - but Rod Mollise gives invaluable advice and guidance. **Adobe Photoshop CS3 for Photographers A Professional Image Editor's Guide to the Creative Use of Photoshop for the Macintosh and PC** Taylor & Francis An introduction to the latest version of Adobe Photoshop furnishes information on the latest enhancements and features of the graphics editing tool, along with practical techniques and real-life applications, keyboard shortcuts, and tips on image processing, corrections, and special effects. **David Busch's Compact Field Guide for the Canon EOS Rebel T3/1100D** Muska/Lipman An introduction to the Canon EOS Rebel T3/1100D camera examines the purpose and function of the camera's basic controls and how to use them, accompanied by explanations of menu settings, using the flash, and shooting movies with Live View. **Canon Digital Photo Professional Workflow** John Wiley & Sons Master Canon's free tool for editing, organizing, and processing image files Canon's Digital Photo Professional (DPP) comes bundled with select Canon camera models and is used to organize, edit, and process Canon RAW images. It can be integrated with Photoshop or other editing programs, making it more versatile. Author Eddie Tapp, an award-winning photographer who writes, lectures, and consults on digital imaging issues, explains everything you need to know to use DPP effectively with this full-color guide. Digital Photo Professional (DPP) is Canon's image management software that comes bundled with certain Canon cameras, used for editing, organizing, and processing Canon RAW files Explores the potential and capabilities of DPP and how it can be integrated with other software such as Photoshop Award-winning author is a Canon Explorer of Light and a lecturer and consultant on digital imaging; he uses DPP daily as part of his own workflow and presents seminars on DPP at professional photography conferences Canon Digital Photo Professional Workflow gives anyone who uses a Canon camera the inside story on this powerful digital imaging tool. **A First Course in Differential Equations with Modeling Applications** Cengage Learning A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICATIONS, 10th Edition strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This proven and accessible text speaks to beginning engineering and math students through a wealth of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and group projects. Written in a straightforward, readable, and helpful style, this book provides a thorough treatment of boundary-value problems and partial differential equations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **Chemical Engineering Computation with MATLAB®** CRC Press Chemical Engineering Computation with MATLAB®, Second Edition continues to present basic to advanced levels of problem-solving techniques using MATLAB as the computation environment. The Second Edition provides even more examples and problems extracted from core chemical engineering subject areas and all code is updated to MATLAB version 2020. It also includes a new chapter on computational intelligence and: Offers exercises and extensive problem-solving instruction and solutions for various problems Features solutions developed using fundamental principles to construct mathematical models and an equation-oriented approach to generate numerical results Delivers a wealth of examples to demonstrate the implementation of various problem-solving approaches and methodologies for problem formulation, problem solving, analysis, and presentation, as well as visualization and documentation of results Includes an appendix offering an introduction to MATLAB for readers unfamiliar with the program, which will allow them to write their own MATLAB programs and follow the examples in the book Provides aid with advanced problems that are often encountered in graduate research and industrial operations, such as nonlinear regression, parameter estimation in differential systems, two-point boundary value problems and partial differential equations and optimization This essential textbook readies engineering students, researchers, and professionals to be proficient in the use of MATLAB to solve sophisticated real-world problems within the interdisciplinary field of chemical engineering. The text features a solutions manual, lecture slides, and MATLAB program files. **Nikon D3100 For Dummies** John Wiley & Sons Unlock all the secrets of the powerful new Nikon D3100 DSLR camera Author Julie King knows how to teach newbies, and in this handy guide she'll help you get the very most out of the powerful new Nikon D3100. Say you're already an experienced photographer? The helpful tips and tricks in this friendly book will get you quickly up to speed on the D3100's new 14-megapixel sensor, continuous video/live focus, full HD video, expanded autofocus, and more. As a seasoned instructor at the Palm Beach Photographic Center, Julie anticipates all questions, whether you're a beginner or digital camera pro, and offers pages of easy-to-follow advice. Helps you get every bit of functionality out of the new Nikon D3100 camera Walks you through its exciting new features, including the 14-megapixel sensor, continuous video/live focus, full HD video, expanded autofocus, and the updated in-camera menu Explores shooting in Auto mode, managing playback options, and basic troubleshooting Explains how to adjust the camera's manual settings for your own preferred exposure, lighting, focus, and color style Covers digital photo housekeeping tips?how to organize, edit, and share your files Tap all the tools in this hot new DSLR camera and start taking some great pix with Nikon D3100 For Dummies. **Photography with Tilt and Shift Lenses Art and Techniques** The Crowood Press Tilt and shift lenses offer tremendous creative possibilities for users of digital SLR and mirrorless cameras. This practical book explains the techniques that will help you take better photos - photos that don't distort or lose focus. Assessing the benefits and pitfalls of a range of lenses, adapters, software and editing techniques, it guides you through the practicalities of working with these lenses and gives you the skills to use them to best effect. With stunning examples throughout, this book gives an overview of the different lenses available, and tips on how adapters can give tilt/shift options when using old medium-format lenses. It gives advice on how simple lens shift can change the entire look of your photos, and techniques for using lens tilt for focus control and close-up working. Stunning examples show the use of tilt and shift lenses across a range of available focal lengths, both tripod-mounted and handheld. **Technology for Humanitarian Action** International Humanitarian Aff Humanitarian workers around the world struggle under dangerous conditions. Yet many do not have the technological tools readily available elsewhere to help them realize their mission to provide essential services and save lives. This book, the fruit of a historic conference, is a practical guide to current technologies that can help relief and humanitarian aid workers succeed. Designed to facilitate

needed technology transfer to the humanitarian sector, the essays focus on areas where technology is underused and predict where new technological advances may be applied to relief efforts. The essays cover essential areas: communications technology and infrastructure support and security. They describe how such technologies as personal identification and tagging systems, software radios, wireless networks, and computer-aided language translation can promote safety and manage large groups of people. Other essays outline new technological solutions to such challenges as mine removal, water purification, and energy generation. The contributors are: Kevin M. Cahill, Frank Fernandez, C. Kumar Patel, Paul J. Kolodzy, Joseph Mitola III, Victor Zue, Jaime G. Carbonell, Stephen Squires, Joseph V. Braddock, Arthur L. Lerner-Lam, Ralph James, William L. Warren, and Regina E. Dugan. **Handbook of Big Data and IoT Security** Springer This handbook provides an overarching view of cyber security and digital forensic challenges related to big data and IoT environment, prior to reviewing existing data mining solutions and their potential application in big data context, and existing authentication and access control for IoT devices. An IoT access control scheme and an IoT forensic framework is also presented in this book, and it explains how the IoT forensic framework can be used to guide investigation of a popular cloud storage service. A distributed file system forensic approach is also presented, which is used to guide the investigation of Ceph. Minecraft, a Massively Multiplayer Online Game, and the Hadoop distributed file system environment are also forensically studied and their findings reported in this book. A forensic IoT source camera identification algorithm is introduced, which uses the camera's sensor pattern noise from the captured image. In addition to the IoT access control and forensic frameworks, this handbook covers a cyber defense triage process for nine advanced persistent threat (APT) groups targeting IoT infrastructure, namely: APT1, Molerats, Silent Chollima, Shell Crew, NetTraveler, ProjectSauron, CopyKittens, Volatile Cedar and Transparent Tribe. The characteristics of remote-controlled real-world Trojans using the Cyber Kill Chain are also examined. It introduces a method to leverage different crashes discovered from two fuzzing approaches, which can be used to enhance the effectiveness of fuzzers. Cloud computing is also often associated with IoT and big data (e.g., cloud-enabled IoT systems), and hence a survey of the cloud security literature and a survey of botnet detection approaches are presented in the book. Finally, game security solutions are studied and explained how one may circumvent such solutions. This handbook targets the security, privacy and forensics research community, and big data research community, including policy makers and government agencies, public and private organizations policy makers. Undergraduate and postgraduate students enrolled in cyber security and forensic programs will also find this handbook useful as a reference. **The Complete Idiot's Guide to Canon EOS Digital Cameras** So you got a new camera because you wanted to shoot some photos of the kids visiting Grandma on vacation, but you suddenly discovered that the photos you took are good. Really good. Is it your natural ability or the great features you've found on your Canon EOS... or both? Suddenly you're inspired to take all kinds of creative shots—from fabulous sunsets to the fascinating places you visit. But whatever your passion, your Canon EOS lets you leave limitations behind and express your creativity in ways you never knew you could. This comprehensive guide, conveniently sized to fit in your camera bag, is packed with helpful information you'll use almost every time you pull out your camera, such as— Information on how to use every feature and setting on your Canon EOS camera A basic tutorial or refresher course on exposure, aperture, shutter speed, and depth of field Tips and tricks on maximizing your lighting or creating different lighting effects Advice on choosing the best lenses for your needs **ImageCLEF Experimental Evaluation in Visual Information Retrieval** Springer Science & Business Media The pervasive creation and consumption of content, especially visual content, is ingrained into our modern world. We're constantly consuming visual media content, in printed form and in digital form, in work and in leisure pursuits. Like our cave-man forefathers, we use pictures to record things which are of importance to us as memory cues for the future, but nowadays we also use pictures and images to document processes; we use them in engineering, in art, in science, in medicine, in entertainment and we also use images in advertising. Moreover, when images are in digital format, either scanned from an analogue format or more often than not born digital, we can use the power of our computing and networking to exploit images to great effect. Most of the technical problems associated with creating, compressing, storing, transmitting, rendering and protecting image data are already solved. We use - cepted standards and have tremendous infrastructure and the only outstanding ch- lenges, apart from managing the scale issues associated with growth, are to do with locating images. That involves analysing them to determine their content, clas- fying them into related groupings, and searching for images. To overcome these challenges we currently rely on image metadata, the description of the images, - ther captured automatically at creation time or manually added afterwards. **Adobe Photoshop CS6 for Photographers A professional image editor's guide to the creative use of Photoshop for the Macintosh and PC** CRC Press Renowned Photographer and Photoshop hall-of-famer, Martin Evening returns with his comprehensive guide to Photoshop. This acclaimed work covers everything from the core aspects of working in Photoshop to advanced techniques for refined workflows and professional results. Using concise advice, clear instruction and real world examples, this essential guide will give you the skills, regardless of your experience, to create professional quality results. A robust accompanying website features sample images, tutorial videos, bonus chapters and a plethora of extra resources. Quite simply, this is the essential reference for photographers of all levels using Photoshop. **Fractured Lands How the Arab World Came Apart** Anchor From the bestselling author of *Lawrence in Arabia*, a piercing account of how the contemporary Arab world came to be riven by catastrophe since the 2003 United States invasion of Iraq. In 2011, a series of anti-government uprisings shook the Middle East and North Africa in what would become known as the Arab Spring. Few could predict that these convulsions, initially hailed in the West as a triumph of democracy, would give way to brutal civil war, the terrors of the Islamic State, and a global refugee crisis. But, as New York Times bestselling author Scott Anderson shows, the seeds of catastrophe had been sown long before. In this gripping account, Anderson examines the myriad complex causes of the region's profound unraveling, tracing the ideological conflicts of the present to their origins in the United States invasion of Iraq in 2003 and beyond. From this investigation emerges a rare view into a land in upheaval through the eyes of six individuals—the matriarch of a dissident Egyptian family; a Libyan Air Force cadet with divided loyalties; a Kurdish physician from a prominent warrior clan; a Syrian university student caught in civil war; an Iraqi activist for women's rights; and an Iraqi day laborer-turned-ISIS fighter. A probing and insightful work of reportage, *Fractured Lands* offers a penetrating portrait of the contemporary Arab world and brings the stunning realities of an unprecedented geopolitical tragedy into crystalline focus.