Extreme Digital Photography Top Photographers Give Digital Technology The Ultimate Endurance Test

"A must-read for those who want to enhance their digital photography experience." —George Schaub, Editorial Director, Shutterbug and eDigitalPhoto magazines With a three or more megapixel digital camera or a good scanner, affordable image-editing software, and a photo-realistic printer, you have all the tools you need to create absolutely stunning images. But understanding all your options and getting the best possible results can be daunting. What features should you look for in a digital camera? What accessories do you need? How do you capture the best possible images with your digital equipment--and make corrections when you don't? What are the advantages of RAW capture? How can you get consistently great prints? Peter K. Burian, coauthor of the best-selling National Geographic Photography Field Guide, has taken the digital plunge and lived to write about it. The result is a practical, accessible guide that demystifies the world of digital photography and imaging--a must-read whether you're a photography enthusiast making the leap to digital, a gadget lover looking for the latest technology, a novice photographer, or anybody who regularly works with images. Inside you'll find: A buyer's guide to the essential equipment and software: learn the pros and cons of compact digicams versus digital SLR cameras; choose a suitable scanner; find the right imaging program for your needs; select the perfect photo printer Focusing, composition, and lighting tips for making snapshots that you'll be proud of Pro tips and techniques for using all your camera's advanced features Techniques for getting scans of exceptional quality, whether you're scanning prints, slides, or negatives Recommendations on upgrading your computer and peripherals for digital imaging Professional methods for fine-tuning your images in the digital darkroom Techniques for creating color or black-and-white prints of exhibition quality Tips on optimizing your images for use in e-mail, online albums, and web pages
Comprehensive, heavily illustrated volume introduces the concepts and techniques of digital image capture, including exposure, composition, histograms, depth of field, advanced lighting, lens filters, shutter speed, and autofocus. Learn the core concepts and techniques you need to know to take better photos, from choosing the best lens for your stylistic goals to selecting the right camera settings for different lighting conditions. With clear explanations and highly visual examples, Sean T. McHugh takes you from basic concepts like exposure and depth of field to more advanced topics, such as how camera lenses and sensors capture light to produce images. You'll learn not only which camera settings to use in different situations but also the reasons why. Learn how to: - Choose lenses that give greater control over perspective - Minimize image noise by understanding how digital sensors work - Get the exposure you want even in fog, mist, or haze - Improve hand-held shots by mastering shutter speed and autofocus - Use tripods, lens filters, and flash to enhance image capture Whether you want to understand digital photography at a deeper level or simply want to take better photos, Understanding Photography will help you get the most out of your camera.
Spotlighting a unique service that provides a competitive edge to any professional photographer, this thorough handbook teaches

all of the essential skills for creating glamorous portraits. Stressing the importance of facilitating a stronger, healthier sense of self-admiration, tips are provided for emphasizing the subject's desirable features and downplaying perceived flaws. Offering breakthrough techniques for applying highlight and shadow, corrective posing, camera tricks, and digital enhancements, this superbly illustrated guide also provides 17 makeover sample sessions. Each case documents an untouched starting photo and analyzes desired goals, followed by detailed discussions and step-by-step demonstrations of the varied techniques used for addressing problem areas and creating a masterful image, including an array of Photoshop® time-saving tips and shortcuts. Each final portrait is coupled with a statement from the subject—a touching testimony on the positive personal effects of their session. Photographers who need help getting in the mood and expanding their creative potential will find the guidance they've been seeking in this beautiful reference book. Using his most breathtaking work as examples, photographer Joseph Meehan demonstrates how to take photos that go beyond mere representation to make a statement, convey a feeling, or capture an emotional atmosphere. This is a must-have how-to for all photographers wishing to imbue their images with personal expression. The source of any photograph is not the camera or even the scene viewed through the viewfinder-it is the mind of the photographer: this is where an image is created before it is committed to a memory card or film. In The Photographer's Mind, the follow-up to the international best-seller, The Photographer's Eye, photographer and author Michael Freeman unravels the mystery behind the creation of a photograph. The nature of photography demands that the viewer constantly be intrigued and surprised by new imagery and different interpretations, more so than in any other art form. The aim of this book is to answer what makes a photograph great, and to explore the ways that top photographers achieve this goal time and time again. As you delve deeper into this subject, The Photographer's Mind will provide you with invaluable knowledge on avoiding cliché, the cyclical nature of fashion, style and mannerism, light, and even how to handle the unexpected. Michael Freeman is the author of the global bestseller, The Photographer's Eye. Now published in sixteen languages, The Photographer's Eye continues to speak to photographers everywhere. Reaching 100,000 copies in print in the US alone, and 300,000+ worldwide, it shows how anyone can develop the ability to see and shoot great digital photographs.

A good image is more than just acceptable exposure and sharp focus -- two components that photography instruction concentrates on. A fascinating subject doesn't necessarily result in a good image, and likewise, it's possible to create an outstanding image of a mundane subject. So how do you know the difference? Perhaps you've read a lot of material on how to use your camera, how to manage images, and/or how to make adjustments using different software programs. What usually is not covered is what needs to be done beyond obvious exposure, noise, and sharpening issues so that you can intuitively recognize the difference between a good and bad image, and most importantly, why. That's where this book comes in. Rather than wasting time blindly trying one approach or another until something seems right, the quality of your imagery and the speed of your workflow will both vastly improve once you are able to articulate why you prefer one image to another. Expert authors Josh and Ellen Anon have spent years perfecting their visual-intensity based approach to composition, and in this gorgeous, full color guide,

they'll share their techniques with you so that your overall photographic experience, both in terms of time investment and quality of output, will become a much more satisfying one.

Photography is the primary tool for visually documenting specimens, experimental findings and laboratory setups in many scientific fields. Photographic illustrations in these fields must satisfy criteria of clarity, objectivity and adherence to accepted standards, in addition to a pleasant but not distracting composition and illumination. This book concentrates on the choice and practical use of digital cameras, lenses and related equipment of types commonly available at research institutions and museums. The described techniques are suitable for subject sizes between approximately half a millimeter and half a meter, and differ from those used in general photography and microscopy. The intended audience of this book includes professional scientific photographers, scientists and students who need to carry out photography in support of their own research or as part-time scientific photographers at a research institution, and advanced amateur photographers who wish to master these techniques.

David Busch's Canon EOS R5/R6 Guide to Digital Photography is your all-in-one comprehensive resource and reference for the exciting new Canon EOS R5 and R6 full-frame mirrorless cameras. Enthusiasts can choose between the super-high resolution of the R5's 45-megapixel sensor, or the superior low-light performance and action-friendly high-capacity buffer of the 20-megapixel R6. Both cameras boast continuous shooting up to 20 frames per second, in-body image stabilization, and 1,053 Dual-Pixel II phase-detection AF points for lightning-fast, precise autofocus. Their high-resolution OLED electronic viewfinders provide a bright, clear view. Three available adapters make it easy to supplement your R-mount lenses with a broad selection of legacy Canon EF and EF-S optics. The EOS R5 and R6 have wireless connectivity to allow linking to a computer and iOS or Android smart device, high-definition 4K and Full HD movie-making capabilities, and a versatile swiveling touch-screen LCD. With this book in hand, you can quickly apply all these advanced features to your digital photography, while boosting your creativity to take great photographs with your Canon EOS R5 or R6.

Filled with detailed how-to steps and full-color illustrations, *David Busch's Canon EOS R5/R6 Guide to Digital Photography* covers all this upscale camera's features in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy "roadmap" chapter, an easy-to-use visual guide to the cameras' features and controls. Learn when to use each option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, as an advanced enthusiast, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS R5/R6 today.

This critical reader, specifically designed to accompany the anthology, contains twelve original essays – ten newly–written – on a wide range

of topics, together with an introductory overview by the editor.

First published in 2013. Routledge is an imprint of Taylor & Francis, an informa company.

The best digital tips...from the world's leading digital photo periodical! PCPhoto presents the ultimate beginners' volume on going digital. It's packed with the magazine's best how-tos and tip-oriented articles, and covers information that's indispensable for the newcomer. In short, it serves as a welcoming portal into the digital world. Shooting techniques, cameras, and accessories are just the beginning. There's advice on using the camera controls and making sense of histograms, as well as coverage of a wide range of image processing options available in the digital darkroom. Check out the details of different types of editing software, and gain fundamental knowledge on how to create the best inkjet prints possible. There are 10 recipes for producing great photos, courtesy of PCPhoto editor Rob Sheppard and Wes G. Pitts; a list of digital dos and don'ts; guidance on color correction; and much, much more.

Most amateurs dream of taking professional-quality portraits; Steve Sint can show them how. After shooting over a million portraits, he has a wealth of knowledge to share, on everything from the basics of good composition to the fine details of advanced lighting techniques. Sint simply delivers a complete course in digital portrait photography: he discusses set-ups and backdrops; the most flattering ways to pose both individuals and groups; tips on making the sessions fun and comfortable for everyone; and insider info on using electronic flash, both indoors and out. For those hoping to go pro, an entire chapter offers all the nuts and bolts information needed to turn your passion into a career!

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

Everything that could be done in the traditional darkroom can now be done with Adobe Photoshop, making special effects that were formerly achieved exclusively by expert darkroom technicians available to all photographers. This technological revolution has created new challenges as well as opportunities for increased creativity, allowing photographers to become digital artists as well. With illustrative photos throughout, this book details new, unexpected, and successful techniques used by artists, illustrators, commercial photographers, album designers, wedding photographers, portrait photographers, and teachers. Professional and advanced amateurs will benefit from the instructions for efficiently using the software, minimizing the computer time spent on each photo.

American PhotoPCPhoto Best Tips and Techniques for Digital PhotographyLark Books

Best Wildflower Hikes Western Washington combines the best aspects of hiking and wildflowers into one guide. The Best Wildflower Hikes series features 40 hikes with honorable mentions throughout that focus on the best wildflowers in western Washington.

Capturing the fleeting, dynamic world contained within the tiniest of water droplets is one of the most challenging photographic endeavors. Like many things, the challenge is worth the effort - when done with skill, these images can become some of the most unique shots you've ever taken. In this gorgeous guide packed with creative insipration

alongside technical expertise, award-winning photographer Harold Davis shows you how he creates his stunning water drop images. From challenges to working with constantly moving subjects and reflected light to basic info on which equipment works best, this book will help all macro-loving photographers turn their lens on water, water, everywhere. Take your best shots with this invaluable guide to composition for DSLR cameras Sometimes you get the best results by breaking the rules, but first you have to know what the rules are! In this indispensable photography guide, renowned photographer Harold Davis first walks you through the recommended guidelines for composing great shots with your DSLR camera-and then shows you how to break free, build your own unique style, and compose beautiful images with confidence. Provides practical composition basics as well as the artistic tips and tricks eagerly sought by digital SLR camera lovers, who are growing in number as DSLR camera sales continue to grow Explores the fundamental rules of composition-then how to break those rules to take captivating and unique images Informs and inspires you with the author's own gorgeous examples of landscapes, portraits, close-ups, and other photos that illustrate his concepts Helps you jump-start your creativity by showing you new ways to see Go beyond the basics and create a photography style that's all your own with this must-have guide.

Introducing the most complete digital media reference available-more than 900 pages of fun and easy instructions and tips on digital photography, digital video, digital music, and CD and DVD recording At under $35, this value-priced book is the only single-volume digital media reference that covers such topics as choosing a digital camera, taking great pictures, and editing digital pictures Covers printing and sharing pictures, selecting a camcorder, capturing good film footage, and importing video clips Provides coverage of editing videos, buying music online, using playlists, syncing an iPod or MP3 player, and burning CDs and DVDs Includes exclusive Dummies Man reusable peel-and-stick reference tabs that readers can use to mark their favorite pages

Are you struggling to get good prints from your images? Are your digital photos hogging your hard drive instead of hanging out in snappy albums and archives? Looking for ways to improve your prints beyond simple snapshots? The popularity and convenience of digital photography has led to more pictures being taken, but fewer being turned into beautiful prints, framed, put in photo albums, and shared with others. The majority of users do nothing with their images for two reasons: the results are disappointing and the process of improving and preparing images for print is daunting. Written by popular photographer, columnist, and digital imaging expert Jon Canfield, this book shows you how to easily enhance and prepare your digital images for printing. Step-by-step instructions and tutorials coupled with full-color images and screenshots explain how to use Photoshop CS2 or Elements for color management and correction; editing images for printing, including properly sizing, sharpening, and converting to monochrome; to fix lighting; and more. You'll

also learn how to take your printing to the next level by: using different print technologies, papers, and inks; selecting Raster Image Processors; framing and mounting their prints; self-publishing; and effectively working with print services for the best output possible.

Learn to find the opportunities and make money with your digitalcamera Most digital photo buffs have thought about turning their hobbyinto a side business, but building a successful business takes morethan passion and photographic skill. Erin Manning knows how, andshe shares her expertise in this nuts-and-bolts guide. Manning, host of the DIY Network's The WholePicture, shows you how to identify and act on opportunities,make a business plan, and manage your business from day to day.Make Money with Your Digital Photography is also full oftips to help you improve your product. Shows how to find opportunities to get paid for yourphotography and how to follow up on them Helps photographers identify and prepare for pitfalls andproblems they may confront Packed with advice from the author's own experience in startingand building her own photography business Explores popular genres, including wedding photography,shooting children's sports, and taking family portraits Includes tips and tricks for improving your photos Written by a successful photographer and host of DIYNetwork's The Whole Picture If you've considered turning your digital photography hobby intoa money-making venture, Make Money with Your DigitalPhotography shows you how to get there.

For the very first time, renowned international photographer and bestselling author Michael Freeman reveals all the insider secrets that professionals keep for themselves alone. Everyone from enthusiastic amateurs to seasoned experts will learn plenty of the tried-and-true, field-tested techniques Freeman has discovered through years of experience. He helps you think and shoot like an expert, providing advice on everything from shooting in poor weather conditions to simulating complex lighting setups, from enhancing depth of field to fixing damaged files and organizing your photos effectively. His easily digestible nuggets of information explain how to make the most of your digital camera…even if you have limited resources. And that's important, because to get a great photo, you must fully exploit your camera's capabilities—and this guide shows you how.

* This update features fifty fast and impressive digital photo techniques-eighty percent of which are new since the previous edition * The CD-ROM includes a bonus e-book of the entire first edition-giving readers two books for the price of one * Developed by professional photographer and eDigital Photo contributing writer Gregory Georges, the techniques are valuable to both pros and hobbyists alike * Uses the latest version of Adobe Photoshop Elements in the examples, but the techniques are readily adaptable to most image-editing programs * Includes techniques for traditional photo effects, combining photos, artistic effects, animations, digital photo blends, and much more * Step-by-step details, in-

depth instructions, and plenty of illustrations-including a full color insert-make it easy for people to apply the techniques to their own photos

*Searchable CD ROM containing the entire book (including images) *Over 450 color images, plus never before published images provided by the George Eastman House collection, as well as images from Ansel Adams, Howard Schatz, and Jerry Uelsmann to name just a few The role and value of the picture cannot be matched for accuracy or impact. This comprehensive treatise, featuring the history and historical processes of photography, contemporary applications, and the new and evolving digital technologies, will provide the most accurate technical synopsis of the current, as well as early worlds of photography ever compiled. This Encyclopedia, produced by a team of world renown practicing experts, shares in highly detailed descriptions, the core concepts and facts relative to anything photographic. This Fourth edition of the Focal Encyclopedia serves as the definitive reference for students and practitioners of photography worldwide, expanding on the award winning 3rd edition. In addition to Michael Peres (Editor in Chief), the editors are: Franziska Frey (Digital Photography), J. Tomas Lopez (Contemporary Issues), David Malin (Photography in Science), Mark Osterman (Process Historian), Grant Romer (History and the Evolution of Photography), Nancy M. Stuart (Major Themes and Photographers of the 20th Century), and Scott Williams (Photographic Materials and Process Essentials)

The opportunities that digital technology presents are almost limitless, but so are the problems that can arise when trying to retrofit a film-based photography business to the new digital marketplace. This guidebook explores digital imaging technology with some of the world's leading wedding, portrait, and commercial photographers, drawing on the experiences of professionals for practical advice for photographers who are still struggling to perfect their digital work flow. Topics include the selection and purchase of the right equipment, choosing the right business model, and tips on innovations in color management and retouching. Step-by-step instructional images and screen shots are included throughout, allowing for a concrete grasp of the detailed processes and techniques.

Three colorful e-books offer advice on key photographic techniques from Harold Davis Composition and lighting are two of the essential foundations of photography. Landscapes are a favorite of both hobbyists and professional photographers. This collection features e-books on all three, lavishly illustrated with photos by renowned photographer Harold Davis. You'll learn how lighting, texture, and composition create outstanding photos and how to approach a subject creatively, choose and use appropriate equipment, and refine your technique. Then you'll explore the nuances of landscape photography. Throughout, you'll learn from an expert. This e-only collection includes three full-length e-books: Creative Composition, Creative Lighting, and Creative Landscapes Written by well-known photographer Harold Davis, whose work is widely displayed and collected, and richly illustrated with his photographs Covers basic rules of composition, how different lighting affects a photograph, ways to create and manipulate light for effect, when to break the rules, and techniques for using both composition and lighting in unique and creative ways Explores

landscape photography from every perspective, explaining the traditional perspective as well as innovative ways to interpret landscapes The Creative Collection, Volume 2 provides an education in key photographic principles while encouraging you to pursue your own unique photographic vision.

An introduction to the new and innovative world of digital photography provides a close-up look at the technology that has transformed the photographic medium; offers up-to-date information on the latest equipment, software, and accessories; and includes a comprehensive guide to technique, design, lighting, digital image manipulation, composition, and more. 25,000 first printing.

How to make digital photography lighting more creative—andless challenging! How do you master the art of lighting your photographs? Gobeyond the basics, go beyond the "rules," and get creative with thehelp of renowned photographer Harold Davis. In this book, Haroldshows you how to break the boundaries of conventional wisdom andcreate unique, lively, and beautifully lit photographs. Packed with tips and tricks as well as stunning examples of theauthor's creativity, this book will both inform and inspireyou to create your own lighting style. Teaches you when and how to control the light in yourphotographs Reviews the basic "rules" of digital photographylighting and shows you how to break the rules to create your ownuniquely lit images Helps you start building a lighting style of your own Includes stunning examples of the author's photographyand lighting techniques Whether you're a beginner or a seasoned digital photographer,you'll find ideas and techniques to spark your creativity.

Focusing exclusively on light modifiers and making the most of the least equipment, this in-depth handbook is ideal for use by the beginner and advanced amateurs who wish to take their photography to the next level. Including diagrams and lighting set scenes to facilitate learning and adapting technique, step-by-step critiques of several portrait sessions, and an extensive review of a variety of light modifying tools—from barn doors and snoots to gels, umbrellas, and strip boxes—this invaluable textbook style book reveals the precise steps for obtaining dimension and depth for indoor and outdoor portrait sessions. This resource is a must-have for beginner photographers looking to discover a treasure trove of fresh, creative lighting inspiration, that will surely help add diversity and creative style to your photography

The perfect companion while in the field or in the classroom DIGITAL PHOTOGRAPHY provides a straightforward, comprehensive introduction to photography for the digital photographer. Detailed step-by-step photo sequences and concise discussions show how to execute photography processes and special techniques using actual equipment and materials, while a full chapter on troubleshooting provides help when students need it. High-quality, full-color and duotone reproductions of works by well-known photographers such as Ansel Adams and Alfred Stieglitz offer inspiration and guidance. From seeing and composing the shot to applying special techniques and working in Photoshop, this information-packed book covers everything readers need to know to become successful digital photographers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Digital photo contests are hot, hot, HOT--and this savvy guide reveals the inside secrets and technical advice photographers need

to find--and win--the best competitions. Jeff Wignall covers all aspects of this rising phenomenon, from finding safe and trustworthy contests to taking visually impressive and emotionally powerful photos that will catch the judges' eyes. In addition to prizes, these contests provide digital photographers with a unique and unprecedented opportunity to showcase their work, and Wignall maps out how to take advantage of this exciting trend. He also includes one-on-one interviews with key contest owners and judges to get the behind-the-scenes scoop on why a particular photo won. The features contests include: Digital Image Cafe, National Wildlife Federation, Kodak, Steve's Digicams, Popular Photography, Smithsonian Magazine, Wet Pixel, and many more. Well over 100 original contest-winning images appear throughout the book, with commentary from the contributing photographers on their specific style and shooting techniques.

The Encyclopedia of Twentieth-Century Photography explores the vast international scope of twentieth-century photography and explains that history with a wide-ranging, interdisciplinary manner. This unique approach covers the aesthetic history of photography as an evolving art and documentary form, while also recognizing it as a developing technology and cultural force. This Encyclopedia presents the important developments, movements, photographers, photographic institutions, and theoretical aspects of the field along with information about equipment, techniques, and practical applications of photography. To bring this history alive for the reader, the set is illustrated in black and white throughout, and each volume contains a color plate section. A useful glossary of terms is also included.

You can freeze that one moment in time Sports photography gets you up close and personal with the action you crave, the athletes you idolize, or the activities that make memories for your children. It also provides plenty of frustration for amateurs and professionals alike. How do you shoot on a rainy day? What about the crowd at the finish line? Can you capture the tension as the ball trembles on the rim? You can, with the professional advice these experts provide. No matter what your sport or level of expertise, this book can make you a better digital sports photographer. Benefit from the advice of more than 20 top sports photographers, including Terrell Lloyd, official photographer for the San Francisco 49ers Learn to handle bad lighting, weather, fast-moving athletes, flash limitations, and other challenges Identify key things to consider when switching from film to digital Get specific advice on how to shoot a wide range of sports: extreme, outdoor, indoor, competitive, recreational, and more Discover ways to sell your photos and manage legal issues See dozens of full-color examples illustrating professional tips and techniques Take great photos with any kind of digital camera, from a point-and-shoot to an SLR Find out how to get photos onto the Web easily and quickly

This book is a coherent, concise guide to all digital imaging best practice aspects and workflow that digital photographers and digital imaging artists (or image makers) need from planning and capture to archiving and everything in between.

Turn good photos into great ones with a digital camera. Photoshop Elements picture-editing software, and these projects, packed with tips that save you time and effort. Sort out common problems with colour, focus and exposure, then use the software to do anything you want to your picture. Remove unattractive objects to improve composition, blend images together to create stunning

photoart, and add special effects that will make your pictures unique. Change your photos for the better forever.

Provides information on the duties, salaries, employment prospects, and skills, training, or education necessary for more than sixty-five jobs that focus on nature and the environment.

Leica makes the world's premiere luxury rangefinder camera system--and here's the definitive guide to using the magnificent Leica M8/M8.2 digital cameras, as well as a 32 page full-cover insert covering the brand-new full-frame Leica M9 and the 18mm Elmar-M lens. It's written specifically for the many Leica photographers who want to take full advantage of a digital Leica's potential and produce the very best pictures possible. As a rangefinder digital camera, the M8 offers unique advantages, but it also presents specific challenges, which author and Leica expert Brian Bower addresses at length and in depth, enhanced by his own gorgeous Leica photography. He discusses digital controls, lenses, and accessories; close-up techniques and flash photography; and options for firmware, software, and hardware.

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