Highest Resolution Video Camera

Android Tips and TricksUltimate Guide to YouTube for BusinessIndustrial PhotographyCollected ReprintsPC WorldLandscape ArchitectureThe Optics EncyclopediaAudio-Video EngineeringImpact of Science on SocietyVideo Production TechniquesIEEE and ACM International Symposium on Augmented RealityVideo Camera TechnologyThe Science of Digital MediaPortable VideoLegal PhotographyGoProOrthodonticsCohen's Pathways of the Pulp Expert Consult - E-Book[digital] Visual Effects and CompositingPisces Guide to Shooting Underwater VideoVideo MicroscopyConference Abstracts and ApplicationsHow to Make Money with Your Video CameraTissue Approximation in Endoscopic SurgeryLights, Camera, Community VideoComplete Guide to Digital CamerasMastering Multi-Camera TechniquesDigital PhotographySmall Animal Endoscopy - E-BookDigital Video Surveillance and SecurityCanon EOS Rebel T4i/650D For DummiesThe PC and Gadget Help DeskRomansy 14Producing Independent 2D Character AnimationDroids Made SimpleDigital Video HacksA Beginner's Guide to Digital VideoOceans '91CNET Do-it-yourself Camera and Music Phone ProjectsMetallography and Microstructures

Android Tips and Tricks

The definitive endodontics reference, Cohen's Pathways of the Pulp is known for its comprehensive coverage of leading-edge information, materials, and techniques. It examines all aspects of endodontic care, from preparing the clinician and patient for endodontic treatment to the role the endodontist can play in the treatment of traumatic injuries and to the procedures used in the treatment of pediatric and older patients. Not only does Hargreaves and Cohen's 10th edition add five chapters on hot new topics, it also includes online access! As an Expert Consult title, Cohen's Pathways of the Pulp lets you search the entire contents of the book on your computer, and includes five online chapters not available in the printed text, plus videos, a searchable image collection, and more. For evidence-based endodontics research and treatment, this is your one-stop resource!

Ultimate Guide to YouTube for Business

An easy-to-follow guide to Canon's first touchscreen dSLR Canon calls the EOS Rebel T4i/650D its most consumer-friendly dSLR, but there's still a lot to learn. Expert author and photography instructor Julie Adair King handles the subject in a step-by-step style that will boost your confidence. If this is your first dSLR, you'll find all the information you need to get going with your new camera and start taking great pictures. More than 300 fabulous full-color photos illustrate all the camera features and also show you what you and your Rebel T4i/650D can achieve. Canon's EOS Rebel T4i/650D is a consumer-friendly dSLR with touchscreen controls, expanded autofocus features, and improved low-light shooting capabilities; this friendly guide explains all the controls and helps you gain confidence with the Canon EOS Rebel T4i/650D camera Bestselling author Julie Adair King covers using auto, live view, and playback modes; how to dial in exposure and lighting controls; and how to manipulate focus and color Offers advice on situational shots, explains how to get images onto a computer for

editing, and shows how to print photos or post them online Presents professional editing tips and plenty of beautiful full-color images showing what you can achieve Popular author has written more than 15 For Dummies books on Nikon and Canon cameras Canon EOS Rebel T4i/650D For Dummies is the perfect how-to guide for anyone venturing into dSLR photography with this popular new model.

Industrial Photography

Annotation Papers from an October 2001 symposium present technical achievements by academic and industrial researchers in augmented reality, a field that encompasses the disciplines of signal processing, computer vision, graphics, user interfaces, wearable computing, mobile computing, and information visualization. Papers are arranged in sections on medical augmented reality, components and gestures, indoor and outdoor tracking, mobile augmented reality, video and optical see- through HMD, and painting and projecting. Specific topics include finger tracking for interaction in augmented environments, markerless augmented reality with a real-time affine region tracker, optical see- through calibration with vision-based trackers, dynamic shader lamps, and testing information delivery methods using augmented reality. This work does not have a subject index. c. Book News Inc.

Collected Reprints

PC World

Landscape Architecture

The emphasis throughout the text is to provide clear and practical step-by-step guidance to the many knot and suturing techniques in the surgeon's armamentarium Each stage of the various knots and procedures described is illustrated by clear, three colour line drawings and accompanied by definitive text.

The Optics Encyclopedia

From video production to promotion, author Jason R. Rich details how to use the power of YouTube to promote business brands, products, or services, ultimately attracting new customers. Unfamiliar entrepreneurs receive a full tutorial on pre-production and production essentials, from developing video ideas that attract attention to overcoming lighting and sound challenges. Amateur producers receive a full list of equipment needed, and they gain tips from well-known YouTube users on how to produce quality spots without breaking the bank. After covering the basics, Rich — joined by YouTube-savvy entrepreneurs — reveals how small business owners can drive viewers to contact their business. Rich also shows entrepreneurs how they can make money, while promoting themselves.

Audio-Video Engineering

Mechanics, Motion Control, Sensing and Programming, Synthesis and Design, Legged Locomotion and Biomechanical Aspects of Robots and Manipulators – world view of the state of the art. Characterization: This volume presents the latest contribution to the theory and practice of modern robotics given by the world recognized scientists from Australia, Canada, Europe, Japan, Mexico, Singapore and USA.

Impact of Science on Society

The Complete Guide to Digital Cameras will appeal to anyone who has recently purchased or is considering an investment in a digital camera. Sections include: introduction to digital cameras, tips on use, available options, how to transfer images from camera to computer, image manuipulation along with model comparisons and index of currently available cameras. Together the book and CD-ROM will answer questions you have about digital cameras, enable you to make intelligent buying decisions, and help you use your camera to its full potential. No camera purchase is complete without this informative guide.

Video Production Techniques

Offers advice on professional video techniques and discusses the production of instructional tapes, insurance identification records, and recordings of birthdays and sports events

IEEE and ACM International Symposium on Augmented Reality

Metallography and Microstructures, Volume 9 of the ASM Handbook, is an essential reference for anyone who specifies, performs, monitors, evaluates, or uses metallurgical analyses for production quality control, research, or educational training. The new edition is a comprehensive reference that features over 30 new articles with substantive updates on metallographic techniques and microstructural interpretation. Expanded and new coverage includes: * New articles on field metallography, digital imaging, and quantitative image analysis, quantitative metallography, and color metallography * All-new articles on the metallography and microstructural interpretation of cast irons, carbon and low-alloy steels, aluminum alloys, precious-metal alloys, titanium alloys, ceramics, and thermal spray coatings * Substantially revised articles on metallography and microstructural interpretation of tool steels, stainless steels, copper alloys, powder metallurgy alloys, and cemented carbides * Hundreds of new micrographs throughout the volume * More integrated in-text citation of micrograph images with respect to discussions on preparation techniques and alloy metallurgy * Updated coverage on specimen-preparation techniques for both manual methods and semi-automatic machines * Practical coverage on sectioning and specimen extraction * New and revised articles on structures from solidification and solid-state transformations * Laboratory safety guide * New expanded color section. More than 70 pages are in full color--eight times the amount in the previous edition! Metallography and Microstructures is undoubtedly an essential reference for anyone with an interest in the analysis of metals.

Video Camera Technology

This second edition has been rewritten to reflect changes in the field. Concentrating on the most current concepts and best treatment methods in modern orthodontics, it provides an overview of diagnosis and treatment planning, followed by descriptions of orthodontic techniques.

The Science of Digital Media

Portable Video

If you have a Droid series smartphone—Droid, Droid X, Droid 2, or Droid 2 Global—and are eager to get the most out of your device, Droids Made Simple is perfect for you. Authors Martin Trautschold, Gary Mazo and Marziah Karch guide you through all of the features, tips, and tricks using their proven combination of clear instructions and detailed visuals. With hundreds of annotated screenshots and step-by-step directions, Droids Made Simple will transform you into a Droid expert, improving your productivity, and most importantly, helping you take advantage of all of the cool features that come with these powerful smartphones.

Legal Photography

Citizens in towns across America have long struggled to find ways to discover and articulate a common vision for their communities. Our high-speed, hyper-individualized, Internet- and TV-dependent culture only complicates this struggle, making it difficult to invigorate the community spirit of the American town. In an effort to rejuvenate the community spirit, the Orton Family Foundation developed Community Video Projects to stimulate community dialogue and inspire citizen participation in community issues. A community video project uses the power and excitement of video to encourage residents to convene publicly to discuss the issues and opportunities facing their community and to consider choices regarding their future. Lights, Camera, Community Video will show you how to use video technology to both stimulate and document a community visioning exercise. It will guide you through equipment needs, getting the word out to the community about your video project, scheduling interviews, choosing filming locations, editing, and more. When the video is completed the community can come together for a public screening. This event will serve as a great opportunity to get feedback and to discuss the future of your neighborhood. This report includes pertinent information and ideas from the authors' own community video projects combined with additional reference sources. Also included is a list of references to help you produce your own video, regardless of prior experience. This report, sponsored by APA's Northern New England Chapter, includes a DVD containing the community videos from Swanton, Vermont, and Fruita, Colorado.

GoPro

Orthodontics

Authored by a pioneer and leading authority in broadcast and video technology, this comprehensive examination of video camera technology and applications covers the fundamentals and latest advances in cameras ranging from consumer camcorders to state-of-the-art professional broadcast models. Focusing on the latest digital technology used in today's cameras, the book is the first to cover camera technology as it applies to a broad range of fields including broadcasting, computers, and telecommunications.

Cohen's Pathways of the Pulp Expert Consult - E-Book

Dial up the entertainment on your mobile phone Here's your chance to take the sound and vision of your mobile phone to new heights-with 24 easy-to-execute projects you may have never dreamed possible. Ever think you could listen to music and podcasts on your cell phone? You can! Ever think you could take digital photographs of superior quality with your phone? Well, of course you can, and CNET Do-It-Yourself Camera and Music Phone Projects will show you how to do it all. Produced in conjunction with CNET.com, the place you go for the latest in tech and consumer electronics, and written by high-tech expert Ari Hakkarainen, this book leads you step by step through each project. If you've ever wanted to take photos with your mobile phone that would make professional shutterbugs jealous, or amp up the musical capabilities of your handheld, this indispensable how-to is just the book you need! Take higher quality photos Record home movies on your mobile phone Share your photos with family and friends without incurring network charges Download and listen to music and podcasts Save money by learning how to download free music and ringtones on your phone Record your own ringtones Watch TV on your phone And much more!

[digital] Visual Effects and Compositing

Video Production Techniques is an essential guide to the art and craft of video production. It introduces students to the theoretical foundations as well as the practical skills needed to make a successful video project. The opening chapter introduces the reader to the language of motion pictures and sets the stage for effective visual storytelling. Unit I guides students through the theory, techniques, and processes of writing, shooting, and editing video productions. Unit II expands on these basic principles to explore the crafts of sound recording/design, lighting, and directing. Unit III surveys the industries, formats, and methods for creating fiction and nonfiction programs. The final unit of the text examines options for distribution and career opportunities in video production. Newly updated and revised, the second edition of Video Production Techniques unifies theory and practice for instructors and students. It is a great tool for use in introductory-level video production courses and for the independent learner. The accompanying companion website features instructor resources including a sample syllabus, quiz bank, sample assignments, and PowerPoint slides for each chapter, alongside illustrative video demonstrations for students.

Pisces Guide to Shooting Underwater Video

The use of digital surveillance technology is rapidly growing as it becomes

significantly cheaper for live and remote monitoring. The second edition of Digital Video Surveillance and Security provides the most current and complete reference for security professionals and consultants as they plan, design, and implement surveillance systems to secure their places of business. By providing the necessary explanations of terms, concepts, and technological capabilities, this revised edition addresses the newest technologies and solutions available on the market today. With clear descriptions and detailed illustrations, Digital Video Surveillance and Security is the only book that shows the need for an overall understanding of the digital video surveillance (DVS) ecosystem. Highly visual with easy-to-read diagrams, schematics, tables, troubleshooting charts, and graphs Includes design and implementation case studies and best practices Uses vendor-neutral comparisons of the latest camera equipment and recording options

Video Microscopy

An electronic-imaging pioneer offers his unique insights to an authoritative discussion of the key ingredients, numerous applications, and exciting future of electronic imaging. Topics include: digital-photo equation; capturing and storing photographs; processing images; creating pages using digital photographs and type; and more.

Conference Abstracts and Applications

Discusses all aspects of digital video production, from shooting and editing to creating finished movies on disc or tape and streaming on the Web.

How to Make Money with Your Video Camera

Covers All Android™ Smartphones and Tablets Running Android 4.4 (KitKat®) or 4.3 (Jelly Bean) Unlock the Power of Your Android™ Smartphone or Tablet Discover hundreds of tips and tricks you can use right away with your Android device to get more done, and have more fun. You'll learn how to use your Android smartphone or tablet as a powerful communication, organization, and productivity tool as well as a feature-packed entertainment device. You will dig deep into the settings and capabilities of both Android itself and the preinstalled apps, developing the knowledge and skills to exploit them to the fullest. Easy to understand and non-technical, Android Tips and Tricks is perfect for beginners–and for more experienced users ready to get more productive or move to newer devices. It covers all new and recent Android smartphones and tablets running Android 4.4 (KitKat®) or 4.3 (Jelly Bean)–with bonus coverage of today's top Android "skins": Samsung TouchWiz and HTC Sense. Here's just a sampling of what this book's tips, tricks, and strategies will help you do: • Connect to wireless and cellular networks, keyboards and Bluetooth devices, and even VPNs • Transform your device into a portable Wi-Fi hotspot, and share Internet connections via USB or Bluetooth • Secure Android with screen and SIM locks, location settings, and encryption • Sideload apps from any source and keep bad apps from loading • Take Gmail to pro level with signatures, vacation responders, labels, archiving, advanced search, and secure two-step verification • Manage multiple email accounts together: POP, IMAP, web mail, and Exchange • Get more out of your Google Chrome browser,

and share bookmarks across all your devices • Chat via text, audio, or video on Google Hangouts–and customize it to work just the way you want • Enjoy your music everywhere, whether it's stored locally or in the cloud • Easily capture, edit, and share top-quality photos and videos • Transform your smartphone or tablet into a total social networking hub • Squeeze more battery life from any Android device Guy Hart-Davis is the co-author of My Samsung Galaxy Note 3 and My HTC One, and the author or lead author of nearly 100 computer books.

Tissue Approximation in Endoscopic Surgery

Lights, Camera, Community Video

Portable Video focuses on technique and technology for single camera electronic news gathering and electronic field production. Covering everything from basic creative and technical editing techniques to budgets and copyright issues, it is accessible to the home videomaker or amateur and to the professional seeking information on the newest advances in technique and equipment. Portable Video: ENG and EFP, Fourth Edition has been revised and updated to cover all of the latest equipment and techniques. Additionally, it discusses the history of video production and electronic news gathering, and the importance of the verbal content in any production is explored in a chapter on scriptwriting. A comprehensive guide to all aspects of field production Theory is enhanced with real-life examples Updated emphasis on digital video

Complete Guide to Digital Cameras

Since the dawn of film, novices and experts have used quick-and-dirty workarounds and audiovisual tricks to improve their motion pictures, from home movies to feature films. Today, the tools have certainly changed, as have the quality and scope of the results. With digital video, the hacking possibilities are now limitless, for both amateurs and professional artists. From acquiring footage, mixing, editing, and adding effects to final distribution, Digital Video Hacks provides unique tips, tools, and techniques for every stage of video production. You'll learn how to: Get your projects started right using creative preparation tools and techniques,from making your own steadicam, boom, or dolly to effective storyboarding, timecoding, and tape labeling Troubleshoot common shooting problems, including using stop-motion and time-lapse techniques, lighting effects, colored screens and gels, and household objects to establish mood or otherwise wow an audience Create stunning visual effects, such as satellite zooming, surreal scenes, Matrix-like bullet-time, and green screen illusions Fool your audience with audio tricks, replacing flubbed dialogue, smoothing over cuts, and covering missing audio with room tone Add professional features with post-production tricks, including color correction, soundtrack cleanup, opening sequences, and DVD bookmarks Distribute final content in a variety of creative ways, from exporting to basic videotape or DVD to streaming over the internet or even via cell phone Use the web to provide interactivity and dynamic content, attend a remote conference, or vlog your life. Whether you're looking for a new technique to include in your next project, a solution to a common problem, or just a little inspiration, this book

reintroduces you to the digital video you only thought you knew.

Mastering Multi-Camera Techniques

The latest edition of the critically acclaimed Small Animal Endoscopy presents informative, practical, and up-to-date guidance on endoscopic indications, instrumentation, patient preparation, and techniques. Todd R. Tams and Clarence A. Rawlings, the foremost experts in veterinary endoscopy, provide the novice as well as the advanced practitioner with the information needed to deliver the safest, high-quality endoscopic services for small animals, including avian and exotics. Chapters are organized consistently and lavishly illustrated to help you easily find and understand key concepts and procedures. This edition includes a companion website with expert demonstrations of techniques. Enables you to deliver the safest, high quality care and a wider range of services to the pets of increasingly concerned and savvy owners. Features cutting-edge information on minimally invasive procedures to improve diagnostic accuracy, reduce operating time, improve success, minimize post-operative stress and pain, and promote faster healing. Helps you recognize the many indications for endoscopy in everyday practice. Covers a vast range of topics in a clear, concise and readable style. Describes instrumentation, examination, and sample procurement techniques in detail. Shows both normal and abnormal findings you may encounter during a procedure in an atlas of images in relevant chapters. Provides minimally invasive examination and surgical options for veterinarians treating uniquely sensitive avian and exotic patients. Provides step-by-step instructions on specific techniques. Helps beginners master endoscopic diagnosis and treatment and more experienced endoscopists utilize their endoscopic equipment to its fullest capacity.

Digital Photography

PRODUCING INDEPENDENT 2D CHARACTER ANIMATION takes an in-depth look at the artistry and production process of cel animation in a friendly, how-to manner that makes the sometimes tedious process of animation enjoyable and easy to understand. This book guides animators through every step of planning and production; includes examples of actual production forms, organization tips, screen shots, and sketches from the pre- to post-production processes; and contains detailed information on the hardware and software used to complete each step. By mapping out the course of how his small studio brainstormed, created, then produced its award-winning animation, TIMMY'S LESSONS IN NATURE, Mark Simon explains to animators what it takes-both creatively and resource-wise-to get their animations to market. Includes exclusive interviews with Oscar-nominated independent animator Bill Plimpton, Craig McCracken, creator of the POWER PUFF GIRLS, Craig "Spike" Decker of SPIKE & MIKE'S SICK AND TWISTED FESTIVAL OF ANIMATION, David Fine & Alison Snowden who are the Academy Award-Winning producers of BOB AND MARGARET, Cartoon Network's Senior Vice President of Original Animation, Linda Simensky, and Tom Sito, Co-Director of OSMOSIS JONESas well as others.

Small Animal Endoscopy - E-Book

Digital Video Surveillance and Security

In this latest book in the critically-acclaimed [digital] series from New Riders you'll learn all of the techniques and skills that will take you from beginner to visual effects (VFX) professional in just one book. Seasoned visual effects producer Jon Gress has refined the teaching of the skills and techniques presented in this book for over a decade to distill them down to the most effective methodology, delivered in a way that's both fun and easy to understand while being state-of-the-art for industry professionals. You'll start with a solid understanding of the basics of visual effects and compositing, the fundamentals of bluescreen and greenscreen keying, 3D texturing, cloning, wire & rig removal, rotoscoping, 2D and 3D motion tracking, and matchmoving. And then experiment with a wide range of 2D, 2.5D & 3D visual effects, including 3D CGI, crowd replication, face replacements, faking shadows, reflections and Z depth, atmospheric, smoke, cloud & heat FX, sky replacements, day-for-night and digital 3D HUD FX. Building on this strong foundation of compositing and visual effects, you'll be prepared for the advanced section of the book which teach skills, such as 2D, 2.5D & 3D digital matte painting and projections, film colorization, particle systems, fluid and rigid body dynamics, full digital environments, digital destruction, advanced lighting and rendering techniques, stereoscopic 3D, 2D to 3D conversions, and expert 3D and Photoshop extraction and modeling techniques that can only be described as magic! Throughout the lessons, you'll glean insider advice on cutting edge methods that even experienced professionals will find amazing. You'll learn everything you need to know to begin working in the world of visual effects as an industry professional. • All the info you need to go from beginner to professional in one book • Easily accessible teaching style from an instructor who has helped launch the careers of some of the best-known Hollywood visual effects specialists • Includes companion graphics files and videos to follow along with the lessons

Canon EOS Rebel T4i/650D For Dummies

This book demystifies the essential mathematics, algorithms, and technology that are the foundation of digital media tools. It focuses clearly on essential concepts, while still encouraging hands-on use of the software to create digital media projects. The book covers the essentials of digital media – digital imaging, video, audio, and multimedia authoring – from the perspective of computer science and mathematical concepts. Software-specific videos show how to use popular digital media applications. For anyone interested in learning the basics of digital media.

The PC and Gadget Help Desk

Romansy 14

Producing Independent 2D Character Animation

From a basic two-camera interview to an elaborate 26 camera HD concert film, this comprehensive guide presents a platform-agnostic approach to the essential

techniques required to set up and edit a multi-camera project. Actual case studies are used to examine specific usages of multi-camera editing and include a variety of genres including concerts, talk shows, reality programming, sit-coms, documentaries for television, event videography and feature films. Other features include: * Advanced multi-camera techniques and specialty work-flows are examined for tapeless & large scale productions with examples from network TV shows, corporate media projects, event videography, and feature films. * New techniques for 3D projects, 2k/4k media management and color correction are revealed. * Technical breakdowns analyze system requirements for monitoring, hard drives & RAIDs, RAM, codecs and computer platforms. * Apple Final Cut Pro, Avid Media Composer, Adobe Premiere Pro and several other software programs are detailed. * Tables, charts, screen-grabs, photos, web-links, blogs, tech school lists and other resource tools for further study. * Unique interviews with the 'Masters of Multi-Cam' including EMMY and academy award-winning directors and editors who share their project notes and give insight to award-winning techniques.

Droids Made Simple

Digital Video Hacks

While the number of assignments available in many photographic specialties is decreasing, there are still relatively untapped growth areas for still photographers and videographers. One of these specialty fields is legal photography. Legal photography involves working closely with lawyers in law firms to provide photographic or video documentation relevant to their civil, not criminal, cases. It can involve a range of other photographic specialties from macro photography to architectural photography. No matter what is involved in a legal photography assignment, it is generally interesting and presents a new, unique set of problems to solve. Legal photography is far more technical than creative, but it is also in demand and is financially rewarding. Civil cases brought to arbitration or jury trial range from simple to complex. Common to all cases is the need to present evidence in a fair and accurate manner. In this book, readers will learn how to take responsibility for ensuring that the images captured and delivered for presentation are a "fair and accurate representation" of the observed scene. That responsibility begins with the choice and use of the proper equipment (e.g., camera type, sensor size, capture mode, the correct focal-length lens for the job), through the techniques used during image capture (exposure, lighting, camera angle, camera-to-subject distance, white balance, etc.), to the processing of the captures for output. Sholik also points out that documentation is required for each step to ensure all parties that the representation is indeed fair and accurate—and the details of how this can be accomplished are outlined in this book as well. Also covered is information about how to proceed should you be asked to give testimony as to the accuracy of your work and information about the requirements to be deemed an "expert witness." For most photographers, doing assignments in the field of legal photography is the easy part. Getting the assignments can be more of a challenge, so the process of marketing yourself as a legal photographer is covered.

A Beginner's Guide to Digital Video

WHERE INSPIRATION MEETS TECHNICAL CRAFT, this guide to professional filmmaking with a GoPro is packed with hundreds of beautiful photos and interactive links to videos created by professional athletes, filmmakers, and inspired GoPro users around the world. As the only book to cover the art and technique of advanced filmmaking by the team at GoPro, you'll get a unique insider's look at GoPro's history, all the different camera modes and settings, standard and experimental mounts, shooting principles, and editing techniques. Compelling stories from users such as Kelly Slater, Shaun White, and Kevin Richardson offer a rare view into an incredible world of athleticism, artistic beauty, and storytelling. Whether you're a professional filmmaker, top athlete or an aspiring enthusiast, you'll get all the inspiration and instruction you need to capture and create your own engaging edits to share with the world. "This book is an invaluable window into Bradford and Brandon's creative thinking and summarizes their years of experience. Hopefully it serves as a spark for you just as the authors have done for GoPro." From the foreword by Nicholas Woodman, founder of GoPro

Oceans '91

CNET Do-it-yourself Camera and Music Phone Projects

Video microscopy is used extensively in many life and biomedical science disciplines today, and is a useful tool for both cell biologists and students. This book presents how to track the dynamic changes that take place in the structure of living cells and in reconstituted preparations using video and digital imaging microscopy. Basic information, principles, and applications are also covered, as well as more specialized video microscopy techniques. Chapters cover the commonly used video technologies in biological research Nontechnical presentation of principles Emphasis on the practical aspects of instrument use Covers pitfalls in instrument uses that can lead to artifacts Authors are leaders in the design and application of video methods to biological microscopy Presentation of material tailored for the established researcher that has little experience with video methods Examples are extensively illustrated with photographs

Metallography and Microstructures

A Do-It-Yourself Guide To Troubleshooting and Repairing Your EASY, comprehensive technology troubleshooter! PCs, smartphones, tablets, networks, cameras, home theater and more—all in one book! We all use technology—and we all have problems with it. Don't get frustrated… and don't waste money on costly repair or support calls! Solve the problems yourself, with the one guide that makes it easy: The PC and Gadget Help Desk. Using clear pictures, handy "symptom tables," and easy-to-use flowcharts, Mark Edward Soper walks you step-by-step through identifying, solving, and preventinghundreds of today's most aggravating tech problems. Soper covers all your major platforms: iPhones, iPads, Android devices, Windows systems, and more. He even helps you fix the weird problems

that happen when you use them together! Regain lost Internet access and fix broken Wi-Fi connections Solve problems with viewing and sharing media or other files Track down power problems wherever they arise Troubleshoot printing problems and print from smartphones or tablets Fix missing video or audio on your HDTV or home theater system Get syncing working right on your Apple or Android device Improve your PC's 3D gaming performance Identify and replace flaky memory chips Prevent overheating that can damage your equipment Solve common problems with digital cameras and DV camcorders Troubleshoot iOS or Android antennas, updates, screens, and connectivity Get FaceTime working right on your iPhone or iPad Troubleshoot eReaders and display your eBooks on additional devices Sensibly decide whether to upgrade, repair, or replace Mark Edward Soper has spent 30 years as an instructor and corporate trainer, helping thousands of people work more happily with personal technology. He is the author of PC Help Desk in a Book, and is the co-author of Leo Laporte's PC Help Desk, as well as more than 25 other books on Windows, digital imaging, networking, the Internet, IT certification, and computer troubleshooting. Soper is a CompTIA A+ Certified computer technician and Microsoft Certified Professional. BONUS ONLINE VIDEOS: Includes access to free, studio-quality how-to videos that make troubleshooting and repair even easier!

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION