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Collected Reprints Routledge

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 preventing hundreds 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!

An Introduction to Digital Multimedia Jaypee Brothers Medical Publishers

Through an experimental interpretation of digital art, Sage Elwell offers a critical reflection on how digital technology is changing us and the world we live in at a level of religious significance. Employing a theological aesthetic of digital art, this book seeks to understand how the advent of digital technology as a revolutionary cultural medium is transforming the ways we think about God, the soul, and morality.

Advances in Equine Laparoscopy
John Wiley & Sons

The essential fundamentals of 3D animation for aspiring 3D artists 3D is everywhere--video games, movie and television special effects, mobile devices, etc. Many aspiring artists and animators have grown up with 3D and computers, and naturally gravitate to this field as their area of interest. Bringing a blend of studio and classroom experience to offer you thorough

coverage of the 3D animation industry, this must-have book shows you what it takes to create compelling and realistic 3D imagery. Serves as the first step to understanding the language of 3D and computer graphics (CG) Covers 3D animation basics: pre-production, modeling, animation, rendering, and post-production Dissects core 3D concepts including design, film, video, and games Examines what artistic and technical skills are needed to succeed in the industry Offers helpful real-world scenarios and informative interviews with key educators and studio and industry professionals Whether you're considering a career in as a 3D artist or simply wish to expand your understanding of general CG principles, this book will give you a great overview and knowledge of core 3D Animation concepts and the industry.

Digital Video Surveillance and Security
Elsevier Health Sciences

"This book provides a good grounding of the main concepts and terminology for Augmented Reality (AR), with an emphasis on practical AR techniques (from tracking-algorithms to design principles for AR interfaces). The targeted audience is computer-literate readers who wish to gain an initial understanding of this exciting and emerging technology"--Provided by publisher.

Producing Independent 2D Character Animation John Wiley & Sons

This updated second edition of the popular methods book "Video Microscopy" shows how to track dynamic changes in the structure or architecture of living cells and in reconstituted

preparations using video and digital imaging microscopy. Contains 10 new chapters addressing developments over the last several years. Basic information, principles, applications, and equipment are covered in the first half of the volume and more specialized video microscopy techniques are covered in the second half. Shows how to track dynamic changes in the structure or architecture of living cells and in reconstituted preparations using video and digital imaging microscopy. Contains 10 new chapters addressing developments over the last several years. Covers basic principles, applications, and equipment. Specialized video microscopy techniques are covered.

Video Production Techniques Springer

Revised and updated for this fifth edition, Tom Ang's *Digital Photographer's Handbook* offers expert advice to all photographers, whether they be novices or seasoned professionals. Regularly revised to keep up with current trends and developments, it has, unlike the majority of other photography books, remained up-to-date and on top of the fast-changing world of digital photography. This is the guide that has it all. Tom Ang teaches you how to capture the best possible shots, then guides you through techniques to enhance or transform your pictures. A Projects section encourages you to practice your skills, and there is advice on printing and showing your work. A Buyer's Guide gives up-to-the-minute information on cameras and accessories to help you choose the right equipment for your needs.

Hysteroscopy Springer Science & Business Media

Effective science communication is no easy task. While the effective conveyance of technical knowledge presents formidable

roadblocks to sharing scientific knowledge and discoveries, certain communication tools like video and film production help to bridge this gap. This user's manual provides a complete set of easy-to-follow directions for video-making as well as tricks of the trade to leverage these skills to better inform the intended audience.

Science Videos Butterworth-Heinemann

Ever since television became practical in the early 1950s, closed-circuit television (CCTV) in conjunction with the light microscope has provided large screen display, raised image contrast, and made the images formed by ultraviolet and infrared rays visible. With the introduction of large-scale integrated circuits in the last decade, TV equipment has improved by leaps and bounds, as has its application in microscopy. With modern CCTV, sometimes with the help of digital computers, we can distill the image from a scene that appears to be nothing but noise; capture fluorescence too dim to be seen; visualize structures far below the limit of resolution; crisp images hidden in fog; measure, count, and sort objects; and record in time-lapsed and high-speed sequences through the light microscope without great difficulty. In fact, video is becoming indispensable for harnessing the fullest capacity of the light microscope, a capacity that itself is much greater than could have been envisioned just a few years ago. The time seemed ripe then to review the basics of video, and of microscopy, and to examine how the two could best be combined to accomplish these tasks. The Marine Biological Laboratory short courses on Analytical and Quantitative Light Microscopy in Biology, Medicine, and the Materials Sciences, and the many inquiries I received on video microscopy, supported such an effort, and Kirk Jensen of Plenum Press persuaded me of its worth.

Small Animal Endoscopy - E-Book John Wiley & Sons

Video cameras must produce images at a reasonable frame-rate and with a reasonable depth of field. These requirements impose fundamental physical limits on the spatial

resolution of the image detector. As a result, current cameras produce videos with a very low resolution. The resolution of videos can be computationally enhanced by moving the camera and applying super-resolution reconstruction algorithms. However, a moving camera introduces motion blur, which limits super-resolution quality. We analyze this effect and derive a theoretical result showing that motion blur has a substantial degrading effect on the performance of super resolution. The conclusion is, that in order to achieve the highest resolution, motion blur should be avoided. Motion blur can be minimized by sampling the space-time volume of the video in a specific manner. We have developed a novel camera, called the "jitter camera," that achieves this sampling. By applying an adaptive super-resolution algorithm to the video produced by the jitter camera, we show that resolution can be notably enhanced for stationary or slowly moving objects, while it is improved slightly or left unchanged or objects with fast and complex motions. The end result is a video that has a significantly higher resolution than the captured one.

CCTV Surveillance Springer Science & Business Media

Stroboscopy and High-Speed Imaging of the Vocal Function, Second Edition presents a complete picture of the art and science of stroboscopy. This unique professional resource includes not only comprehensive coverage of the imaging process, but also the disease process that exists in benign lesions, cancer, and neuropathology. Comparisons of normal images with pathologies are included to enhance readers' diagnostic skills, and the use of stroboscopic images before and after therapy to determine results enhances their clinical skills. The book also covers the entire range of laryngeal imaging for diagnostics, including rigid endoscopy, videostroboscopy, fiberoptic laryngoscopy, and high-speed imaging. Written by a physician who works in a multidisciplinary environment, the book outlines the roles of the otolaryngologist, speech-language pathologist, voice scientist, and singing teacher in the clinical examination.

Unparalleled full-color illustrations appear throughout. New to the Second Edition: * New chapter on High Speed Imaging * Updated imaging of vocal fold examination techniques * Many added images and illustrations with enhanced figures using video montage. * Fully updated to reflect the current research with many new references added from 2010 to 2020 * References are placed at the end of the relevant chapters. * High definition video examples of stroboscopy and high-speed imaging

Jitter-Camera: High Resolution Video from a Low Resolution Detector

Greenhaven Publishing LLC

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

[Advances in Biometrics](#) Academic Press

Reel in the Profits with YouTube YouTube delivers more than a billion minutes of streaming content to 1.3 billion active users every day. That's equivalent to one-third of all internet users and at least a billion reasons to start creating videos that promote your business, brand, products, and services today. *Entrepreneur Magazine's Ultimate Guide to YouTube for Business* is the video marketing blueprint you need to create videos that educate, entertain, and inspire viewers to take action. You'll learn how to plan, edit, promote,

and share your videos with the public, as well as how to leverage YouTube's tools to help spotlight your business and your products without spending a fortune. From video production to promotion, this guide shares the battle-tested strategies and tried-and-true advice from successful YouTube experts to help you: Set up your channel and become a YouTube Partner to start monetizing your videos Create a virtual community that uses and loves your products Cater your videos to your target audience at every stage—pre-production, production, post-production, and promotion Drive traffic to your channel, website, or social media with optimized video titles, tags, playlists, and more Promote your YouTube videos using Facebook, Twitter, Google+, and other social sites Make a video go viral with the help of blogs, websites, and other online resources Find out what a YouTube channel can do for you as you learn to create your channel, leverage it as a marketing tool, and maximize your return on investment.

Canine and Feline Gastroenterology - E-Book Elsevier

Looks at the artistry and production process of cel animation in a friendly, how-to manner. This book guides animators through various steps of planning and production and includes examples of actual production forms, organization tips, screen shots, and sketches from the pre- to post-production processes.

Marine Fisheries Review Springer

Endoscopy of the spinal canal – epiduroscopy (EDS) – has proven to be a safe, efficient and future-oriented interventional endoscopic procedure for everyday clinical use in diagnosing and managing pain syndromes.

Epiduroscopy can be used in the sacral, lumbar, thoracic and even cervical regions of the spine to identify

pathological structures, carry out tissue biopsies and perform epidural pain provocation tests to assess the pain relevance of visualized anomalies, making it an excellent diagnostic tool. Spinal endoscopy allows targeted epidural analgesic pharmacologic therapy for affected nerve roots or other painful regions in the epidural space. Treatment options provided by epiduroscopy include laser-assisted adhesiolysis or resection of pain-generating fibrosis, catheter placement, as well as support with other invasive procedures for pain relief. Professional EDS management enhances a multimodal philosophy and opens up new treatment strategies for patients. If used early on, it can control pain well before chronicity sets in.

Epiduroscopy Elsevier Health Sciences
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.

Ultimate Guide to YouTube for Business
Jitter-Camera: High Resolution Video from a Low Resolution Detector
Video cameras must produce images at a reasonable frame-rate and with a reasonable depth of field. These requirements impose fundamental physical limits on the spatial resolution of the image detector. As a result, current cameras produce videos with a very low resolution. The resolution of videos can be computationally enhanced by moving the camera and applying super-resolution reconstruction algorithms. However, a moving camera introduces motion blur, which limits super-resolution quality. We analyze this effect and derive a theoretical result showing that motion blur has a substantial degrading effect on the performance of super resolution. The conclusion is, that in order to achieve the highest resolution, motion blur should be avoided. Motion blur can be minimized by sampling the space-time volume of the

video in a specific manner. We have developed a novel camera, called the "jitter camera," that achieves this sampling. By applying an adaptive super-resolution algorithm to the video produced by the jitter camera, we show that resolution can be notably enhanced for stationary or slowly moving objects, while it is improved slightly or left unchanged or objects with fast and complex motions. The end result is a video that has a significantly higher resolution than the captured one.
Digital Video Surveillance and Security

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.

Digital Photos, Movies, and Music Gigabook For Dummies Springer Science & Business Media

Thoroughly revised, updated, and expanded, the Third Edition of *Diagnostic and Operative Hysteroscopy* provides a comprehensive pictorial and textual guide to the anatomy, physiology, pathology, and clinical aspects of the uterus and the latest diagnostic and operative hysteroscopy procedures. This edition features more than 1,300 illustrations—over 900 in full color—depicting anatomy, pathology, instruments, and step-by-step operative techniques. New chapters cover in-vitro fertilization, endometriosis, adenocarcinoma of the endometrium, effects of drugs on the uterus, hysteroscopy in gynecologic malignancy and premalignancy, and uterine infections. Updated chapters include many new minimally invasive operative procedures that can now be performed.

Fluorescent and Luminescent Probes for Biological Activity Lexington Books

A complete reference on CCTV technology Gives practical advice on the proper uses of CCTV to best protect against crime Contains more than 100 photos of the most modern equipment available.

Dictionary of Information Technology IGI Global

Recent advances in biometrics include new developments in sensors, modalities and algorithms. As new sensors are designed, newer challenges emerge in the algorithms for accurate recognition. Written for researchers, advanced students and practitioners to use as a handbook, this volume captures the very latest state-of-

the-art research contributions from leading international researchers. It offers coverage of the entire gamut of topics in the field, including sensors, data acquisition, pattern-matching algorithms, and issues that impact at the system level, such as standards, security, networks, and databases

Advances in Depth Images Analysis and Applications Entrepreneur Press

Gain the knowledge and skills you need to provide safe, effective perioperative nursing care! *Alexander's Care of the Patient in Surgery, 17th Edition* is the definitive resource for nurses and surgical technologists training for a career in the operating room. Illustrated, step-by-step instructions cover patient care in more than 400 surgical interventions, including patient positioning, instrumentation, and postoperative care. Along with the latest on robotic surgery and a review of evidence-based guidelines, this edition includes new coverage of COVID-19 and gender affirmation surgery. From well-known educator Jane C. Rothrock — and with every chapter authored by an expert nurse — *Alexander's* gives you the tools you need to pass the CNOR® certification exam and succeed in the surgical setting.