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Information Structure in Sign Languages Focus Instructor's Manual Sensate Focus in Sex Therapy Photographer's Guide to the Nikon Coolpix P1000 Focus on Educational Success **Haynes Ford Focus 2000 and 2001** *David Busch's Canon EOS R10 Guide to Digital Photography* **Photographer's Guide to the Nikon Coolpix P900** *SignGram Blueprint Operator and Organizational Maintenance Manual Including Repair Parts and Special Tool Lists* **FOCUS Physical Rehabilitation Determining the Effectiveness of Pavement Marking Materials Popular Photography** **Night Photography and Light Painting** *David Busch's Canon EOS R7 Guide to Digital Photography Practical Forensic Microscopy Manual of Fast Track Recovery for Colorectal Surgery* **ENC Focus Bilingual Speech-language Pathology Digital SLR Cameras and Photography For Dummies** **Focus Groups Manual of Instructions for the Survey of the Public Lands of the United States, 1947** *National Economic Development Procedures Manual* Fundamentals of Semiconductor Manufacturing and Process Control *Popular Photography* Virtual Reality in Manual Order Picking **David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography** Focus on Multidimensional Microscopy Focus on Sleep Medicine Passive Autofocus for Digital Still Cameras and Camera Phones **Cancer Grading Manual Collecting Qualitative Data** 35mm Camera Handbook **Focus in Photography Complete Photography** *Interviewing Popular Photography* Contributions from the Mount Wilson Observatory **The Friedman Archives Guide to Sony's RX-100 V (B&W Edition)**

Operator and Organizational Maintenance Manual Including Repair Parts and Special Tool Lists May 10 2022

Focus on Multidimensional Microscopy Sep 21 2020 This book covers various aspects of modern microscopy, with emphasis on multidimensional (three-dimensional and higher) and multimodality microscopy. The topics discussed include multiphoton fluorescent microscopy, confocal microscopy, x-ray microscopy and microtomography, electron microscopy, probe microscopy and multidimensional image processing for microscopy. In addition, there are chapters demonstrating typical microscopical applications, both biological and material.

Manual of Fast Track Recovery for Colorectal Surgery Sep 02 2021 Manual of Fast Track Recovery for Colorectal Surgery provides a broad overview on enhanced recovery, with expert opinions from leaders in the field regarding elements of enhanced recovery care that are generic and specific to colorectal surgery. This book covers the patient journey through such a programme, commencing with optimisation of the patient's condition, patient education and conditioning of their expectations. Manual of Fast Track Recovery for Colorectal Surgery investigates the metabolic response to surgery, anaesthetic contributions and optimal fluid management, after surgery. It also details examples of enhanced recovery pathways and practical tips on post-operative pain control, feeding, mobilisation and criteria for discharge. Manual of Fast Track Recovery for Colorectal Surgery is a valuable reference tool for colorectal surgeons, anaesthetists, ward nurses and other members of the team involved in perioperative care: pain control specialists, physiotherapists, dietitians, specialist therapists (such as colorectal and stoma nurses), and outpatient nurses.

The Friedman Archives Guide to Sony's RX-100 V (B&W Edition) Oct 11 2019 The Sony RX-100 V is the world's best point-and-shoot camera, and Gary Friedman's book provides the most detail and insights. In this 561-page, full-color e-book you will learn: * What every mode, button and function does - in plain, easy-to-understand language. * Gary's personal camera configuration * Unique features of the camera, including the ability to shoot the equivalent of 5.5K video for short bursts. * How to decipher the alphabet soup that are the video standards; what each variable means and how to choose the best mode for YOU. * NFC, Wi-Fi, and step-by-step instructions on using them. * Which of the

new downloadable ""apps"" are actually useful. * The most common digital jargon and what it all means to you. * A tutorial to get the benefits of shooting RAW, and a condensed guide to the basics. * A set of ""Cliffs Notes"" cards you can print showing the recipes for common shooting situations, and Gary's Personal Camera Settings.

Photographer's Guide to the Nikon Coolpix P900 Jul 12 2022 This book, by Alexander S. White, is a complete, clearly written guide to the operation of the Nikon Coolpix P900 digital camera. The book explains all shooting modes, menus, functions, and controls of this superzoom camera, accompanied by more than 350 full-color illustrations and sample photographs. The guide shows beginning and intermediate photographers how to use the camera's many options to get the results they want. The book explains topics such as autofocus, manual focus, HDR (High Dynamic Range) photography, ISO, memory cards, and flash modes. It includes a discussion of techniques for using the P900's phenomenal zoom lens, with a maximum optical focal length of 2000mm, to full advantage. The book also discusses the camera's features for image transfer and remote control through the P900's built-in Wi-Fi network, as well as its features for adding location data to images. The book includes sample images taken with the creative settings of the camera, including the Picture Control options, which alter the color processing of images; the Scene and Special Effects shooting modes, with settings optimized for subjects such as landscapes, birds, pets, sunsets, and action shots; and the camera's features for burst shooting and time-lapse photography. In addition, the book provides introductions to topics such as infrared photography, street photography, and macro photography. The book also explains the video features of the P900, which can shoot HD video with stereo sound and can record high-speed video at rates up to 4 times normal speed. In addition, the book describes procedures for playing back images and videos in the camera and for using the Filter Effects option to add special effects to images after they have been captured. In three appendices, the book discusses accessories for the Coolpix P900, including cases, external flash units, and charging and power options. The appendices include a list of useful web sites and other resources, as well as a section with "quick tips" to help users take advantage of the camera's features in the most efficient

ways possible.

Information Structure in Sign Languages Feb 19 2023 This book presents a first comprehensive overview of existing research on information structure in sign languages. Furthermore, it is combined with novel in-depth studies of Russian Sign Language and Sign Language of the Netherlands. The book discusses how topic, focus, and contrast are marked in the visual modality and what implications this has for theoretical and typological study of information structure. Such issues as syntactic and prosodic markers of information structure and their interactions, relations between different notions of information structure, and grammaticalization of markers of information structure are highlighted. Empirical studies of the two sign languages also showcase different methodologies that are used in such research and discuss their advantages and disadvantages. The book contains a general introduction to the field of information structure and thus can be used by linguists new to the field.

Photographer's Guide to the Nikon Coolpix P1000 Nov 16 2022 This book is a complete guide to the operation of the Nikon Coolpix P1000 digital camera. The book explains all shooting modes, menus, functions, and controls of this superzoom camera, illustrated by more than 300 full-color images. The guide shows beginning and intermediate photographers how to get excellent results using the many features of the P1000. The book explains topics such as autofocus, manual focus, HDR (High Dynamic Range) photography, ISO sensitivity, memory cards, and flash modes. It discusses techniques for using the P1000's phenomenal zoom lens, with a maximum optical focal length of 3000mm, to full advantage. The book also explains the camera's features for remote control and image transfer using a smartphone or tablet with the P1000's built-in Wi-Fi and Bluetooth capabilities, as well as the camera's features for adding location data to images. The book includes sample photos taken with the creative options of the camera, including the Picture Control settings, which alter color processing of images; the Bird-watching, Moon, Creative, and Scene shooting modes, with settings optimized for subjects such as landscapes, pets, sunsets, and action shots; and the Coolpix P1000's features for burst shooting and time-lapse photography. In addition, the book provides introductions to topics

such as street photography, infrared photography, and macro photography. The book also explains the video features of the P1000, which can shoot 4K video and can record high-speed video sequences at speeds up to four times greater than normal, resulting in slow-motion footage when played back. In addition, the book describes procedures for using the Filter Effects option to add special effects to images after they have been captured. In its three appendices, the book discusses accessories for the Coolpix P1000, including external flash units, microphones, remote control devices, cases, and charging and power options. The appendices also include a list of useful web sites and other references, as well as a section with “quick tips” to help users take advantage of the camera’s features in the most efficient ways possible. This guide book to the P1000 camera includes a detailed Table of Contents and Index.

Determining the Effectiveness of Pavement Marking Materials Feb 07 2022 The purpose of this research was to determine the safety, motorist opinion, and cost-effectiveness of pavement marking materials used by the Virginia Department of Transportation and to develop guidelines, where possible, as to when each type of material should be used. Interstate and primary road segments that had been remarked with a different type of pavement marking material were identified to perform a before-and-after accident analysis. When possible, segments that were remarked using the same pavement marking material were included to provide comparison sections. The number of sites and accident count data were insufficient to support a finding that the use of a particular pavement marking material reduces the number of target accidents. The results of a motorist survey indicated that the participating drivers were more satisfied with pavement markings with higher retroreflectivity values than those with lower values. Participating drivers over the age of 65 were generally less satisfied with the brightness of the pavement markings than were participating drivers under the age of 65. Using a large contract for paint was the most cost-effective for two-lane roads under most volume conditions and four- and six-lane low-volume roads. Using polyurea and a large contract for paint were the most cost-effective for high-volume two- and four-lane roads. Polyurea and waffle tape were the more cost-effective durable markings for high-volume six-

lane roads. Changes in the use of pavement markings were recommended. Specifically, the Virginia Department of Transportation should (1) consider increasing the use of large paint contracts and minimizing its use of small paint contracts when possible; (2) consider a performance-based specification for durable markings; (3) continue consideration of a holistic approach for pavement management and markings, and (4) re-evaluate its pavement marking policy and include the recommendations of this study.

Haynes Ford Focus 2000 and 2001 Sep 14 2022 Inside this manual the reader will learn to do routine maintenance, tune-up procedures, engine repair, along with aspects of your car such as cooling and heating, air conditioning, fuel and exhaust, emissions control, ignition, brakes, suspension and steering, electrical systems, wiring diagrams.

Physical Rehabilitation Mar 08 2022 "Physical Rehabilitation is the comprehensive, curriculum-spanning text for physical therapy students and a key reference for practicing physical therapists and other rehabilitation professionals."--Back cover.

Popular Photography Dec 13 2019

Night Photography and Light Painting Dec 05 2021 Lance Keimig, one of the premier experts on night photography, has put together a comprehensive reference that will show you ways to capture images you never thought possible. This new edition of Night Photography presents the practical techniques of shooting at night alongside theory and history, illustrated with clear, concise examples, and charts and stunning images. From urban night photography to photographing the landscape by starlight or moonlight, from painting your subject with light to creating a subject with light, this book provides a complete guide to digital night photography and light painting.

David Busch's Canon EOS R7 Guide to Digital Photography Nov 04 2021 David Busch's Canon EOS R7 Guide to Digital Photography is your all-in-one comprehensive resource and reference for the exciting new APS-C format Canon EOS R7. Enthusiasts will appreciate this 33-megapixel camera's superior low-light performance and action-friendly 30 frames-per second continuous shooting capabilities. Image stabilization built into the R7's body integrates with lens-based stabilization found in many lenses. Three available adapters make it easy

to supplement your RF-mount lenses with a broad selection of legacy Canon EF and EF-S optics. The R7 also has two memory card slots, wireless connectivity to computers and smart devices, and high-definition 4K and Full HD movie-making capabilities. 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 R7. Filled with detailed how-to steps and full-color illustrations, David Busch's *Canon EOS R7 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 R7.

ENC Focus Aug 01 2021

Popular Photography Jan 06 2022

Focus Groups Apr 28 2021 Physicians, health researchers, and nurses make extensive use of focus groups. Thus, researchers and readers need access to the realm of applications of focus group methodology in the wide variety of medical and health sciences. In this second installment of a two-volume examination of ten recent years (1998-2007) of focus group studies and research literature, author Graham R. Walden turns his attention from the arts, humanities, and non-medical sciences to the medical and health sciences, concentrating on a broad range of studies in books, book chapters, and journal articles that are available in English. *Focus Groups, Volume II: A Selective Annotated Bibliography: Medical and Health Sciences* covers over 500 articles on a multitude of topics in the medical and health sciences, such as the health profession and the practice of medicine, public health, and several different bodily systems

and types of diseases. The annotations in this bibliography describe the content of a source document to help the reader discern whether pursuit of the full text is appropriate or desirable. This book offers significant benefits to all medical personnel; graduate and undergraduate students; professional focus group practitioners; and individuals seeking increased awareness of studies that have been conducted in the health arena.

Bilingual Speech-language Pathology Jun 30 2021

CONTENTS Foreword by Orlando L. Taylor, Ph.D. The Bilingual Speech-Language Pathologist. Speech and Language Development, Disorders, Assessment, and Intervention. Spanish Phonological Development. Spanish Morphological and Syntactic Development. "Early Intervention? Que Quiere Decir Eso?" What Does That Mean? Narrative Development and Disorders in Spanish-Speaking Children. Language and Assessment/Instructional Programming for Linguistically Different Learners. Considerations in the Assessment and Treatment of Neurogenic Communication Disorders in Bilingual Adults. Assessment Issues and Considerations. Bilingualism, Myths, and Language Impairments. Interpreters. Intelligence Testing of Hispanic Students. Assessment of Speech and Language Impairments in Bilingual Children. Language Samples. Conclusions. Research Needs and Conclusions.

David Busch's Canon EOS R10 Guide to Digital Photography Aug 13 2022 David Busch's Canon EOS R10 Guide to Digital Photography is your all-in-one comprehensive resource and reference for the highly-affordable APS-C format Canon EOS R10. Beginners and budding enthusiasts alike will appreciate this 24-megapixel camera's action-friendly 23 frames-per second continuous shooting capabilities. Image stabilization built into many RF-mount lenses – including two all-new RF-S optics introduced with the camera – virtually eliminates blur from camera shake at slow shutter speeds. Three available adapters make it easy to supplement your RF-mount lenses with a broad selection of legacy Canon EF and EF-S lenses. The R10 has wireless connectivity to computers and smart devices and high-definition 4K and Full HD movie-making capabilities. 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 R10. Filled with detailed how-to steps and full-color illustrations, David

Busch's Canon EOS R10 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 R10.

35mm Camera Handbook Apr 16 2020 A practical approach in explaining in easy stages how to obtain professional results from the camera.

Cancer Grading Manual Jun 18 2020 This is the second edition of a practice-oriented, well-illustrated manual on the microscopic grading of tumors. After an introduction on the history and basic tenets of tumor grading, subsequent chapters focus on specific organ systems. In each case, the most widely used system for grading common tumors is presented and discussed. Throughout, careful attention is paid to the principles of microscopic tumor grading, ancillary methods to improve grading, and the latest techniques used in evaluating tumors and formulating prognosis. Since the first edition, all chapters have been updated to reflect revisions in the clinical practice of pathology and to explain the role of novel immunohistochemistry and molecular biology techniques. In addition, a new chapter is devoted to the latest trends in cancer grading, and further illustrations have been included. Cancer Grading Manual is a superb resource for both diagnostic surgical pathologists and pathology residents.

Practical Forensic Microscopy Oct 03 2021 Forensic Microscopy: A Laboratory Manual will provide the student with a practical overview and understanding of the various microscopes and microscopic techniques employed within the field of forensic science. Each laboratory experiment has been carefully designed to cover the variety of

evidence disciplines within the forensic science field with carefully set out objectives, explanations of each topic and worksheets to help students compile and analyse their results. The emphasis is placed on the practical aspects of the analysis to enrich student understanding through hands on experience. The experiments move from basic through to specialised and have been developed to cover a variety of evidence disciplines within forensic science field. The emphasis is placed on techniques currently used by trace examiners. This unique, forensic focused, microscopy laboratory manual provides objectives for each topic covered with experiments designed to reinforce what has been learnt along with end of chapter questions, report requirements and numerous references for further reading. Impression evidence such as fingerprints, shoe tread patterns, tool marks and firearms will be analysed using simple stereomicroscopic techniques. Body fluids drug and trace evidence (e.g. paint glass hair fibre) will be covered by a variety of microscopes and specialized microscopic techniques.

Focus in Photography Mar 16 2020 Focus is an often overlooked but powerful creative tool for photographers, made all the more powerful and accessible in the digital era. In his latest book John Neel takes you into an exploration of advanced focus that will greatly enhance your skill as a photographer. These pages will show you everything, from high-end techniques to create infinite focus, through to using it as an artistic tool, directing your viewer's eye around your photographic composition. Undoubtedly the most in-depth coverage of this fundamental aspect of photography you'll find anywhere, this book will be a valuable asset for any student, enthusiast looking for a new creative angle, commercial product photographer, or online traders.

Sensate Focus in Sex Therapy Dec 17 2022 Sensate Focus in Sex Therapy: The Illustrated Manual is an illustrated manual that provides health professionals with specific information on the use of the structured touching opportunities used regularly by Sexologists to address their clients' sexual difficulties (Sensate Focus 1) and enhance intimate relationships (Sensate Focus 2). This book is the only one to: vividly describe and illustrate the specific steps of, activities involved in, and positions associated with Sensate Focus; emphasize the purpose of Sensate Focus as a mindfulness-based practice; and distinguish between

the purposes of Sensate Focus 1 and Sensate Focus 2. Through the use of artful drawings and descriptive text, this manual engages mental health and medical professionals and their clients by appealing to both the visual and the analytical. It discusses how modifications to Sensate Focus can be applied to diverse populations, such as LGBTQ clients, the elderly, the disabled, trauma survivors, and those with challenges such as Autism Spectrum, anxiety, and depression. The book also offers suggestions for dealing with common client difficulties such as avoidance, confusion, and goal directed attitudes. This comprehensive approach to Sensate Focus will remind readers of the beauty and power of touch while offering suggestions for moving from avoidance to sensory transcendence.

Complete Photography Feb 13 2020 400 pages to take you from beginner to expert photographer "The must have book for EVERY photographer" - Diana Elizabeth Whether you're a complete beginner, a casual snapper or a seasoned photographer, there is a lot to be learned from this extensive photography guide. Take the guesswork out of your photography and understand not just what to do with your camera, but how and why this affects the photos you take. Make More Impact You'll learn how to compose a shot for visual impact, focus it to attract the viewer's eye, expose it so every detail is captured and so much more. Get More Book At 400 superbly designed & illustrated pages, this book represents better value than anything else. Any Camera Photography never stands still so it doesn't matter what camera you have, whether you own an SLR, film camera or a compact digital camera, Chris will teach you how to take the best photos possible. Easy to Read Chris Gatum's writing is clear and instructive, covering a vast range of essential photography aspects in great detail so that you can truly understand how to take a great photo that stands out. The Voice (& Photos) of Pros As well as Gatum's expertise on the subject, Complete Photography is packed with tips and masterclasses from other inspirational professionals. Stunning Photography and Bespoke Diagrams Each point is illustrated with carefully selected, beautiful photography examples along with clear diagrams to inspire and instruct. Table of professionals case studies in this book
Section Masterclass Professional Master-Photographer Exposure Landscape David Taylor Portraits Ben Anker

SportsIan MacNicol InteriorsAdrian WilsonLight & ColourFoodStuart
Ovenden Still LifeDaniel Brooke FashionDixie DixonLensesStreet
PhotographyBrian Lloyd Duckett WildlifeRichard Garvey-Williams
MacroAndy Small ArchitectureJanie Airey AbstractRyan BushPost-
processingRetouchingMiss AnielIn The BagDocumentaryMichelle
Frankfurter The cover design features a mirrorless digital camera with
interchangeable lenses, a reto-style film camera and an iPhone 7 because
this book applies to every different way you can take a photo.

Popular Photography Dec 25 2020

SignGram Blueprint Jun 11 2022 We gratefully acknowledge the financial support of COST (European Cooperation in Science and Technology), funded by the Horizon 2020 Framework Programme of the European Union. Current grammatical knowledge about particular sign languages is fragmentary and of varying reliability, and it appears scattered in scientific publications where the description is often intertwined with the analysis. In general, comprehensive grammars are a rarity. The SignGram Blueprint is an innovative tool for the grammar writer: a full-fledged guide to describing all components of the grammars of sign languages in a thorough and systematic way, and with the highest scientific standards. The work builds on the existing knowledge in Descriptive Linguistics, but also on the insights from Theoretical Linguistics. It consists of two main parts running in parallel: the Checklist with all the grammatical features and phenomena the grammar writer can address, and the accompanying Manual with the relevant background information (definitions, methodological caveats, representative examples, tests, pointers to elicitation materials and bibliographical references). The areas covered are Phonology, Morphology, Lexicon, Syntax and Meaning. The Manual is endowed with hyperlinks that connect information across the work and with a pop-up glossary. The SignGram Blueprint will be a landmark for the description of sign language grammars in terms of quality and quantity.

Digital SLR Cameras and Photography For Dummies May 30 2021 The perennial digital photography bestseller, now updated to cover the hottest topics Digital SLR Cameras & Photography For Dummies has been a bestseller since it first came into the picture, and this new edition gets you up to (shutter) speed on the latest technologies available.

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

Collecting Qualitative Data May 18 2020 Provides a very practical and step-by-step guide to collecting and managing qualitative data,
FOCUS Apr 09 2022

Manual of Instructions for the Survey of the Public Lands of the United States, 1947 Mar 28 2021

Contributions from the Mount Wilson Observatory Nov 11 2019

Focus Instructor's Manual Jan 18 2023 Focus builds an overall framework for understanding the organization of the English language and helps students recognize the inseparable relationship between form, meaning, and use. The Instructor's Manual provides teaching suggestions, and an answer key for the exercises and chapter exams in the Student's Book.

David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography Oct 23 2020 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.

Passive Auto-focus for Digital Still Cameras and Camera Phones Jul 20 2020 In order to gain valuable market share in the growing consumer digital still camera and camera phone market, camera manufacturers have to continually add and improve existing features to their latest product offerings. Auto-focus (AF) is one such feature, whose aim is to enable consumers to quickly take sharply focused pictures with little or no manual intervention in adjusting the camera's focus lens. While AF has been a standard feature in digital still and cell-phone cameras, consumers often complain about their cameras' slow AF performance, which may lead to missed photographic opportunities, rendering valuable moments and events with undesired out-of-focus pictures. This dissertation addresses this critical issue to advance the state-of-the-art in the digital band-pass filter, passive AF method. This method is widely used to realize AF in the camera industry, where a focus actuator is adjusted via a search algorithm to locate the in-focus position by maximizing a sharpness measure extracted from a particular frequency

band of the incoming image of the scene. There are no known systematic methods for automatically deriving the parameters such as the digital pass-bands or the search step-size increments used in existing passive AF schemes. Conventional methods require time consuming experimentation and tuning in order to arrive at a set of parameters which balance AF performance in terms of speed and accuracy ultimately causing a delay in product time-to-market. This dissertation presents a new framework for determining an optimal set of passive AF parameters, named Filter- Switching AF, providing an automatic approach to achieve superior AF performance, both in good and low lighting conditions based on the following performance measures (metrics): speed (total number of iterations), accuracy (offset from truth), power consumption (total distance moved), and user experience (in-focus position overrun). Performance results using three different prototype cameras are presented to further illustrate the real-world AF performance gains achieved by the developed approach. The major contribution of this dissertation is that the developed auto focusing approach can be successfully used by camera manufacturers in the development of the AF feature in future generations of digital still cameras and camera phones.

Virtual Reality in Manual Order Picking Nov 23 2020 The introduction of consumer-level head-mounted devices (HMDs) has led to a major drop in the application costs of virtual reality (VR), making the technology available for a wide range of users. To understand if VR HMDs can be used for planning and training in the context of manual order picking, this thesis provides the results of a large-scale randomized controlled study in which order picking has been compared between a virtual and a real environment. The results imply that VR HMDs can indeed be used by manufacturers and warehouse operators in a rack planning process if the reduction of searching times or the perceived workload is in focus. Additionally, the findings enable the use of VR HMDs for scientific research on human-centred rack design. Finally, the thesis highlights the usability of VR HMDs for training manual order picking activities.

Interviewing Jan 14 2020 This book provides guidance to researchers about how to develop interview skills that align with their theoretical

assumptions. Connecting "theory" and "method" can be challenging for novice researchers. *Interviewing: A Guide to Theory and Practice* draws from, and extends, the author's earlier 2010 book, and focuses on three interrelated issues, how researchers: theorize research interviews; examine their subject positions in relation to projects and participants; and explore the details of interview interaction to inform practice. By developing these understandings of qualitative interview practice, Kathryn Roulston shows how researchers can design and conduct quality research projects that draw on a wide range of interview practices to provide audience members and communities with significant findings concerning social problems.

Focus on Sleep Medicine Aug 21 2020 This question-and-answer formatted book provides a complete yet focused review of sleep medicine. It is geared to neurologists who wish to assess their knowledge of sleep medicine and will also be of interest to pulmonologists, psychiatrists, otolaryngologists, and respiratory and sleep technologists. The distribution of questions mimics the sleep medicine boards. The book focuses on sleep evaluation and provides strong coverage of sleep physiology. Detailed explanations and educational objectives accompany every answer. The book also includes illustrations from Lippincott Williams & Wilkins' neuroanatomy textbooks. A companion Website will present the questions and answers in the book in electronic format.

Focus on Educational Success Oct 15 2022

Fundamentals of Semiconductor Manufacturing and Process Control Jan 26 2021 A practical guide to semiconductor manufacturing from process control to yield modeling and experimental design *Fundamentals of Semiconductor Manufacturing and Process Control* covers all issues involved in manufacturing microelectronic devices and circuits, including fabrication sequences, process control, experimental design, process modeling, yield modeling, and CIM/CAM systems. Readers are introduced to both the theory and practice of all basic manufacturing concepts. Following an overview of manufacturing and technology, the text explores process monitoring methods, including those that focus on product wafers and those that focus on the equipment used to produce wafers. Next, the text sets forth some fundamentals of statistics and yield

modeling, which set the foundation for a detailed discussion of how statistical process control is used to analyze quality and improve yields. The discussion of statistical experimental design offers readers a powerful approach for systematically varying controllable process conditions and determining their impact on output parameters that measure quality. The authors introduce process modeling concepts, including several advanced process control topics such as run-by-run, supervisory control, and process and equipment diagnosis. Critical coverage includes the following: * Combines process control and semiconductor manufacturing * Unique treatment of system and software technology and management of overall manufacturing systems * Chapters include case studies, sample problems, and suggested exercises * Instructor support includes electronic copies of the figures and an instructor's manual Graduate-level students and industrial practitioners will benefit from the detailed examination of how electronic materials and supplies are converted into finished integrated circuits and electronic products in a high-volume manufacturing environment. An Instructor's Manual presenting detailed solutions to all the problems in the book is available from the Wiley editorial department. An Instructor Support FTP site is also available. *National Economic Development Procedures Manual* Feb 24 2021

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