Canon Gl2 Manual

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Macworld

There is a growing need for appropriate management of aquatic plants in rivers and canals, lakes and reservoirs, and drainage channels and urban waterways. This management must be based on a sound knowledge of the ecology of freshwater plants, their distribution and the different forms of control available including chemical and physical, and biological and biomanipulation. This series of papers from over 20 different countries was generated from the tenth in the highly successful series of European Weed Research Society symposia on aquatic plant management, this being the tenth. It provides a valuable insight into the complexities involved in managing aquatic systems, discusses state-of-the-art control techniques and deals with patterns of regrowth and recovery post-management. Careful consideration is given to the use of chemicals, a practice which has come under scrutiny in recent years. Underpinning the development of such control techniques is a growing body of knowledge relating to the biology and ecology of water plants. The authorship of the papers represents the collective wisdom of leading scientists and experts from fisheries agencies, river authorities, nature conservation agencies, the agrochemical industry and both governmental and non-governmental organisations.

Nucleonics

PC MagazineGuide to Digital Video

This easy-to-use guide covers troubleshooting tips and tricks for Mac hardware and software, written by the well-known Macworld columnist and Macintosh guru Chris Breen. The book contains troubleshooting tips and techniques for both Mac OS 9 and OS X, and additional projects for making a Macintosh more productive-sharing files, making Mac OS X work more like Mac OS 9, and more.

American Cinematographer

PC Magazine

Excel as an Assistant Cameraman (AC) in today's evolving film industry with this updated classic. Learn what to do—and what NOT to do—during production and get the job done right the first time. The Camera Assistant's Manual, Sixth Edition covers the basics of cinematography and provides you with the multi-skill set needed to maintain and transport a camera, troubleshoot common problems on location, prepare for job interviews, and work with the latest film and video technologies. Illustrations, checklists, and tables accompany each chapter and highlight the daily workflow of an AC. This new edition has been updated to include: A fresh chapter on the entry level camera positions of Camera Trainee/Production Assistant Coverage of emerging iPhone apps that are used by filmmakers and ACs on set An updated companion website offering online tutorials, clips, and techniques that ACs can easily access while on location (www.cameraassistantmanual.com) All new sample reports and forms including AC time cards, resumé templates, a digital camera report, and a non-prep disclaimer Instruction and custom forms to help freelance filmmakers keep track of daily expenses for tax purposes The Camera Assistant's Manual, Sixth Edition is an AC's bible for success and a must-have for anyone looking to prosper in this highly technical and ever-changing profession.

Faster Smarter Digital Video

Extreme DV at Used-Car Prices

An Introduction to Mathematical Cryptography

This book collects approximately nine hundred problems that have appeared on the preliminary exams in Berkeley over the last twenty years. It is an invaluable source of problems and solutions. Readers who work through this book will develop problem solving skills in such areas as real analysis, multivariable calculus, differential equations, metric spaces, complex analysis, algebra, and linear algebra.

Digital Storytelling with IMovie

This graduate-level text provides a thorough grounding in the representation theory of finite groups over fields and rings. The book provides a balanced and comprehensive account of the subject, detailing the methods needed to analyze representations that arise in many areas of mathematics. Key topics include the construction and use of character tables, the role of induction and restriction, projective and simple modules for group algebras, indecomposable representations, Brauer characters, and block theory. This classroom-tested text provides motivation through a large number of worked examples, with exercises at the end of each chapter that test the reader's knowledge, provide further examples and practice, and include results not proven in the text. Prerequisites

include a graduate course in abstract algebra, and familiarity with the properties of groups, rings, field extensions, and linear algebra.

Sams Teach Yourself Adobe Premiere Pro in 24 Hours

DV 101

The Camera Assistant's Manual

Every working or aspiring camera assistant needs this book! Now covers HD!

Digital Video For Dummies

EventDV

Producing Great Sound for Digital Video

The Iranian languages form the major eastern branch of the Indo-European group of languages, itself part of the larger Indo-Iranian family. Estimated to have between 150 and 200 million native speakers, the Iranian languages constitute one of the world's major language families. This comprehensive volume offers a detailed overview of the principle languages which make up this group: Old Iranian, Middle Iranian, and New Iranian. The Iranian Languages is divided into fifteen chapters. The introductory chapters by the editor present a general overview and a detailed discussion of the linguistic typology of Iranian. The individual chapters which follow are written by leading experts in the field. These provide the reader with concise, non-technical descriptions of a range of Iranian languages. Each chapter follows the same pattern and sequence of topics, taking the reader through the significant features not only of phonology and morphology but also of syntax; from phrase level to complex sentences and pragmatics. Ample examples on all levels are provided with detailed annotation for the non-specialist reader. In addition, each chapter covers lexis, sociolinguistic and typological issues, and concludes with annotated sample texts. This unique resource is the ideal companion for undergraduate and postgraduate students of linguistics and language. It will also be of interest to researchers or anyone with an interest in historical linguistics, linguistics anthropology and language development. Gernot Windfuhr is Professor of Iranian Studies at the University of Michigan; he has published widely on Persian and Iranian languages and linguistics and related languages, as well as on other aspects of Iranian culture including Persian literature and Pre-Islamic Iranian religions.

The Camera Assistant's Manual

"Faster Smarter Digital Video" shows you how to produce high-quality digital video -- faster, smarter, and easier! You get practical, concise guidance for choosing a

digital camcorder; capturing better video; editing footage and audio; adding professional effects; using the digital media capabilities in the Microsoft "RM" Windows "RM" XP operating system; and delivering your final production live, canned, or over the Web. "Faster Smarter Digital Video" delivers accurate, how-to information that's easy to absorb and apply. The language is friendly and down-to-earth, with no jargon or silly chatter. Use the concise explanations, easy numbered steps, and visual examples that help you swing into action -- and get the job done!

Foundations of Comparative Genomics

Practical Computing

A Course in Finite Group Representation Theory

This self-contained introduction to modern cryptography emphasizes the mathematics behind the theory of public key cryptosystems and digital signature schemes. The book focuses on these key topics while developing the mathematical tools needed for the construction and security analysis of diverse cryptosystems. Only basic linear algebra is required of the reader; techniques from algebra, number theory, and probability are introduced and developed as required. This text provides an ideal introduction for mathematics and computer science students to the mathematical foundations of modern cryptography. The book includes an extensive bibliography and index; supplementary materials are available online. The book covers a variety of topics that are considered central to mathematical cryptography. Key topics include: classical cryptographic constructions, such as Diffie–Hellmann key exchange, discrete logarithm-based cryptosystems, the RSA cryptosystem, and digital signatures; fundamental mathematical tools for cryptography, including primality testing, factorization algorithms, probability theory, information theory, and collision algorithms; an in-depth treatment of important cryptographic innovations, such as elliptic curves, elliptic curve and pairing-based cryptography, lattices, lattice-based cryptography, and the NTRU cryptosystem. The second edition of An Introduction to Mathematical Cryptography includes a significant revision of the material on digital signatures, including an earlier introduction to RSA, Elgamal, and DSA signatures, and new material on lattice-based signatures and rejection sampling. Many sections have been rewritten or expanded for clarity, especially in the chapters on information theory, elliptic curves, and lattices, and the chapter of additional topics has been expanded to include sections on digital cash and homomorphic encryption. Numerous new exercises have been included.

Broadcasting & Cable

Lighting for Digital Video and Television

Mammals raising their young evolved brains hardwired for emotional relationships. Around this mammalian core, humans evolved a new, larger brain for abstract

thinking. Too often our abstract thinking gets in the way of emotionally connecting with other people. Hearts and Minds shows you how to improve your relationships by integrating these different brain systems. Plus, you'll find: The best places to meet single men and women (page 93). How young men and women fall in love with mirrors of themselves (page 74), when mature men and women love their real partners, including accepting their faults (page 83). How switching gender roles moves dating into a committed relationship (page 139). How to use conflicts to strengthen a relationship (page 146).

Conic Sections Treated Geometrically

Written by an author with solid teaching experience and extensive television production credentials--TV anchor, reporter, photographer, and editor, plus recipient of a regional Emmy award and other honors--this guide reminds readers of the big picture and what they're trying to accomplish. Includes tips on shooting high-quality video, creating professional voice-overs, and effective editing methods.

High-Dimensional Probability

This book provides an overview of computational analysis of genes and genomes, and of some most notable findings that come out of this work. Foundations of Comparative Genomics presents a historical perspective, beginning with early analysis of individual gene sequences, to present day comparison of gene repertoires encoded by completely sequenced genomes. The author discusses the underlying scientific principles of comparative genomics, argues that completion of many genome sequences started a new era in biology, and provides a personal view on several state-of-the-art issues, such as systems biology and whole-genome phylogenetic reconstructions. This book is an essential reference for researchers and students in computational biology, evolutionary biology, and genetics. Presents an historic overview of genome biology and its achievements Includes topics not covered in other books such as minimal and ancestral genomes Discusses the evolutionary resilience of protein-coding genes and frequent functional convergence at the molecular level Critically reviews horizontal gene transfer and other contentious issues Covers comparative virology as a somewhat overlooked foundation of modern genome science

Biology, Ecology and Management of Aquatic Plants

Preserving New York is the largely unknown inspiring story of the origins of New York City's nationally acclaimed landmarks law. The decades of struggle behind the law, its intellectual origins, the men and women who fought for it, the forces that shaped it, and the buildings lost and saved on the way to its ultimate passage, span from 1913 to 1965. Intended for the interested public as well as students of New York City history, architecture, and preservation itself, over 100 illustrations help reveal a history richer and more complex than the accepted myth that the landmarks law sprang from the wreckage of the great Pennsylvania Station. Images include those by noted historic photographers as well as those from newspaper accounts of the time. Forgotten civic leaders such as Albert S. Bard and

lost buildings including the Brokaw Mansions, are unveiled in an extensively researched narrative bringing this essential episode in New York's history to future generations tasked with protecting the city's landmarks. For the first time, the story of how New York won the right to protect its treasured buildings, neighborhoods and special places is brought together to enjoy, inform, and inspire all who love New York.

ICMI '06

An introduction to abstract algebraic geometry, with the only prerequisites being results from commutative algebra, which are stated as needed, and some elementary topology. More than 400 exercises distributed throughout the book offer specific examples as well as more specialised topics not treated in the main text, while three appendices present brief accounts of some areas of current research. This book can thus be used as textbook for an introductory course in algebraic geometry following a basic graduate course in algebra. Robin Hartshorne studied algebraic geometry with Oscar Zariski and David Mumford at Harvard, and with J.-P. Serre and A. Grothendieck in Paris. He is the author of "Residues and Duality", "Foundations of Projective Geometry", "Ample Subvarieties of Algebraic Varieties", and numerous research titles.

Microtimes

Berkeley Problems in Mathematics

Digital video students and enthusiasts must learn lighting fundamentals and techniques to enhance the visual quality of their work. Moreover, since lighting specifications for digital video differ significantly from those for analog video or film, professional videographers and cinematographers must learn how to adapt their lighting skills for this new digital medium to ensure that the final product meets broadcast standards. This complete course in digital video and television lighting begins with how the human eye and the camera process light and color, progresses through the basics of equipment and setups, and culminates with practical lessons on how to solve common problems. It features clear illustrations and real-world examples that demonstrate proper equipment use, safety issues, and staging techniques. Detailed diagrams, figures, and photos illustrate techniques that enable novices to complete basic lighting setups. This new edition also features a 16-page color insert and new chapters on interview setups and lighting for low budgets.

International Conference on Multimodal Interfaces

Mac 911

So you have a camcorder and visions of being the next Spielberg. But how do you progress from shooting so-so footage to showing your own finished movie? Digital Video For Dummies, 4th Edition gives you the know-how and the show-how! Find

out how to shoot and edit great movies, using iMovie, Windows Movie Maker, or Adobe Premiere Elements to add the finishing touches like special effects and your own soundtrack. With the latest information and lots of illustrations and screen shots, this friendly guide walks you through: Getting your computer ready to work with digital video (complete with information about FireWire) Choosing a camcorder, including features to look for and features that are useless Digitizing old VHS videotapes to preserve memories Purchasing other movie making gear, including audio and lighting equipment Shooting better video, with tips on lighting, panning, using the zoom, and recording better audio Creating your own sound effects such as footsteps, bones breaking, fire, thunder, insects buzzing, and more Capturing digital video using iMovie, Windows Movie Marker, or Premiere Elements Editing, including understanding timecode, organizing and previewing clips, and assembling clips in Storyboard and Timeline Adding transitions, titles, and special effects Importing and integrating video from phones and digital cameras Using audio rubberbands in iMovie, Premiere Elements, and other editing programs Adding narration, importing and working with CD audio, and adding a music soundtrack Keith Underdahl has extensive professional video production experience developing kiosk and marketing videos for Ages Software. Realizing that you'll want to polish and premiere your movie, he includes information on: More advanced video editing, including animating video clips, improving light and color, compositing video (bluescreen or greenscreen), and more 13 categories of video effects, ranging from blur and sharpen to transform Working with still photos and graphics Sharing your video online using QuickTime (/QT), RealMedia (.RM), or Windows Media Video (.WMV) Making tapes or burning DVDs in 9 steps With a handy cheat sheet of keyboard shortcuts, a chart comparing 10 video editing programs, a glossary, and more, with this guide you'll soon be saying "Lights, camera, action" and producing your own movie attraction.

Algebraic Geometry

Corporations, government offices, and academic institutions have long used video to educate and inform. The only thing that's changed is the people who are producing them: With low-priced equipment and easy-to-use software flooding the market, now you're the person behind the camera, not some high-priced video specialist! This is the guide for you, then-and all of the other nonprofessionals who've been called upon to produce top-quality videos. Long on essentials-like where to place the camera, how to connect microphones, and which font to use in titles-and short on theory, this guide focuses instead on the simple steps and best practices needed to produce great videos. Veteran author Jan Ozer gives you the lowdown on shooting, audio, and lighting before describing the workflow and procedures involved in converting raw DV footage to streaming video and DVDs, and distributing the final product. For software-specific guidance, you can purchase downloadable PDF workbooks that use the book's projects to walk you through the production process.

Sound & Vision

International Documentary

Preserving New York

High-dimensional probability offers insight into the behavior of random vectors, random matrices, random subspaces, and objects used to quantify uncertainty in high dimensions. Drawing on ideas from probability, analysis, and geometry, it lends itself to applications in mathematics, statistics, theoretical computer science, signal processing, optimization, and more. It is the first to integrate theory, key tools, and modern applications of high-dimensional probability. Concentration inequalities form the core, and it covers both classical results such as Hoeffding's and Chernoff's inequalities and modern developments such as the matrix Bernstein's inequality. It then introduces the powerful methods based on stochastic processes, including such tools as Slepian's, Sudakov's, and Dudley's inequalities, as well as generic chaining and bounds based on VC dimension. A broad range of illustrations is embedded throughout, including classical and modern results for covariance estimation, clustering, networks, semidefinite programming, coding, dimension reduction, matrix completion, machine learning, compressed sensing, and sparse regression.

Cinefex

The journal of cinematic illusions.

Modern Photography

"Crop Modeling and Decision Support" presents 36 papers selected from the International Symposium on Crop Modeling and Decision Support (ISCMDS-2008), held at Nanjing of China from 19th to 22nd in April, 2008. Many of these papers show the recent advances in modeling crop and soil processes, crop productivity, plant architecture and climate change; the rests describe the developments in model-based decision support systems (DSS), model applications, and integration of crop models with other information technologies. The book is intended for researchers, teachers, engineers, and graduate students on crop modeling and decision support. Dr. Weixing Cao is a professor at Nanjing Agricultural University, China.

The Iranian Languages

Popular Photography

For years, award-winning independent filmmaker Rick Schmidt has been teaching aspiring directors how to make "no-budget" films, both in workshops and in his classic guide Feature Filmmaking at Used-Car Prices. Now Schmidt shows them how it is easier—and cheaper—than ever to make an innovative, high quality work, thanks to digital video. Filled with the latest information on equipment and software, ideas for experimenting with new moviemaking techniques, and advice based on Schmidt's own experiences, Extreme DV at Used-Car Prices offers a step-by-step guided tour through the making of a feature-length movie using the

newest and ever-changing DV technology. Schmidt shows how to: • Take a DV project from idea to script (written or improvised), contract to pre-production and into the shoot • Work with—and rally—the cast and crew • Select affordable digital equipment to make a cutting-edge DV feature • Edit a DV movie electronically with Final Cut Pro • Promote one's work guerilla-style • Live (and budget) creatively as a moviemaker • Look ahead to what's on the DV horizon Instructive and inspiring, this one-of-a-kind book is essential reading for filmmakers with lots of ideas but little money.

Hearts and Minds

Crop Modeling and Decision Support

Written by Digital Video columnist and Clio-winning sound designer Jay Rose, this book explains hundreds of real-world techniques to use from pre-production through mix. You get how-tos, tips and time-savers, plus tutorials on key skills such as dialog and music editing. With an audio CD of sample tracks and diagnostic tools, this is a complete audio training resource as well as a quick problem-solving guide.

Movie Maker

What does it take to make great digital video? The right equipment, the right skills, and Jan Ozer's advice. PC Magazine's digital video authority delivers the details that will help you make videos you can be proud of. Here's the lowdown on which camera to choose (and why), how to shoot the best footage, how to capture the best sound, how to get your video from the camera to your computer, what to do when you get it there, and how to produce a showstopper from start to finish. Author Jan Ozer offers expert advice on: Deciding what you do and don't need in a digital camcorder Selecting a DV or analog capture solution Picking the perfect video editor Getting the right DVD-authoring package and recorder Shooting terrific footage and capturing sound that's just right Outputting your project in various formats And producing professional-quality DVDs The book's CD-ROM includes audio and video files comparing consumer and prosumer camcorders and demonstrating techniques like noise removal; MyDV D, Pinnacle Studio, Ulead Video Studio, RealONE Player, muvee auto Producer trial versions, and more.

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