
Download Canon Eos K2 User Manual

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Popular Photography BRILL

This book constitutes the refereed proceedings of the Second International Conference on Data Mining and Big Data, DMBD 2017, held in Fukuoka, Japan, in July/August 2017. The 53 papers presented in this volume were carefully reviewed and selected from 96 submissions.

They were organized in topical sections named: association analysis; clustering; prediction; classification; schedule and sequence analysis; big data; data analysis; data mining; text mining; deep learning; high performance computing; knowledge base and its framework; and fuzzy control.

Digital Image Forensics John Wiley & Sons

Dynamic optimization is rocket science – and more. This volume teaches researchers and students alike to harness the modern theory of dynamic optimization to solve practical problems. These problems not only cover those in space flight, but also in emerging social applications such as the control of drugs, corruption, and terror. This volume is designed to be a lively introduction to the mathematics and a bridge to these hot topics in the economics of crime for current scholars. The authors celebrate Pontryagin's Maximum Principle – that crowning intellectual achievement of human understanding. The rich theory explored here is complemented by numerical methods available through a companion web site.

The Tribes and Castes of Bengal No Starch Press

The basic structure of the EOS Rebel T8i/850D camera is similar to that of its predecessor model EOS Rebel T6i. This camera has a 24 Megapixel APS-C sensor. The new generation sensor with a dual-chip can capture very good images in high-contrast conditions. Due to the presence of the Dual-Chip CMOS AF sensor, it is much faster and has a much larger coverage area. It is possible to make some good photos by using the Dual-Chip CMOS AF sensor. It helps in improved AF and AF-C performance as compared to the EOS Rebel T6i.

Furthermore, the user can use this camera in low-light situations. In the

photos captured in low light, it is possible to see a very bright bokeh effect. Also, it has better autofocus ability than the EOS Rebel T6i. The maximum ISO can be set up to 16000 and the range of ISO 100-32000. Its electronic shutter is faster than the EOS Rebel T6i. It has a new AF algorithm that makes it possible to track the subject with very little user effort. The camera can also shoot videos in 4K resolution at 30 frames per second. The previous model EOS Rebel T6i can shoot videos only in HD resolution. This camera features a Live View Finder, which can display what is in the viewfinder on the screen. The screen can be tilted up and down from the right side of the camera. The built-in pop-up flash can be attached to the camera to allow users to click portraits with no flash. The viewfinder and the rear LCD are always shown on the top plate and the sensitivity can be adjusted. This is the Manual you need to get started with using this camera seamlessly. This book covers all the features and settings for the Canon EOS Rebel T8i/850D Camera as you will get wider knowledge on topics such as: What's In It For Me With The Canon EOS Rebel T8i/850D Camera Getting To Know The External Buttons Setting Up Your Camera Information About The LCD Screen Using The Video Mode Information About The Black Screen Using Playback How To Use The Shooting Modes What Does The Creative Filter Do Controlling The Exposure A Look At The White Balance Modes For Metering How To Use Focus Modes Canon Rebel EOS T8i/850D Back Buttons Getting To Know The Deep Menu Setting Up Image Quality How To Use The Aspect Ratio Reviewing The Duration How To Release Shutter Without Card How To Correct Your Lens Aberration How To Control The Flash How To Use Exposure Compensation Setting Up ISO Speed How To Optimize Auto Lighting Using The White Balance Setting Up Color Space How To Setup Your Picture Style How To Reduce Long Exposure Noise How To Setup High ISO How To

Delete Data Taking A Live View Shoot Using Anti-Flicker Shoot Using Lens Electronic MF Using The AF-assist Beam Information About The Change Rotate How To Erase Images Printing Order Setup For Photobook Using Creative Filters Correcting Red Eye How To Create An Album, Crop Images, And Resize Images How To Setup Image Search Using Image Jump Using The Histogram Using AF Point Display How To View From Last Seen Output For HDMI HDR Using The Purple Tab How To Select A Folder And many more.. This Manual is ideal for both Beginners and Experts to maximize User Experience. So what are you waiting for? Scroll up and Click the Orange - BUY NOW WITH 1-CLICK BUTTON- on the top right corner and Download Now!!! You won't regret you did See you inside!!!

Matchmoving Cambridge University Press

The Canon EOS Rebel T7/2000D is an entry-level camera in the Rebel line of cameras, which has a lot of appeals but also presents some challenges to new users. The camera is ideal for someone looking to dip their toes into the world of photography or someone who wants to do some hobby photography and needs a camera to take photos of their pets. Or, for anyone who's looking to learn more about the world of photography or to take their skills to the next level. What does this camera look like? The answer, according to Canon, is that the new EOS Rebel T7/2000D is "an excellent family companion for young photographers starting" - the digital camera company has released a digital camera

specifically designed for youngsters, suitable for shooting close-up, full-size human subjects, as well as high-definition video, and for studio and event work. The Canon EOS Rebel T7/2000D has a 45-point autofocus system with 77 percent coverage; a 7-point cross-type AF system with 27 percent coverage; a 1.3-megapixel fixed-focus HD image sensor; and 3x optical zoom with digital zoom up to an extra 2x. It can shoot raw format images, and has "a high-speed continuous shooting mode." The camera offers simple control, natural-looking results, and the choice of advanced features for younger photographers and all photography enthusiasts." Get into this book now to garner all the knowledgeable topics that have been mentioned, plus more. Here are some of the tutorials you'll be equipped with from this book: Overview Of Canon EOS T7/2000D Quick Guide For Starting With The Camera Topside Controls Controls At The Back Front-Left Features Shooting In Auto And Flash Off Modes View Finder Photography In Scene Intelligence Live View Photography In Scene Intelligence How To Change The Set Button Functions How To Customize The AE Lock And Shutter Button How To Disable AF-

Assistant Beam How To Silence Your Camera How To Prevent Shutter Release Reducing The Number Of Exposure Stops How To Create A Menu Creating Custom Folders How To Turn Off Shooting Settings Color Space Adjustment From SRGB To Adobe RGB White Point Adjustment For Your Camera Image Zone Modes Capturing Images In Scene Mode Scene Mode Result Modification How To Remove Color Casts Adjusting The Overall Tone Of Your Image How To Adjust The Ambience Auto To Manual Focusing Working With A Zoom Lens Enabling Image Stabilization Removing A Lens How To Bring On The Camera Settings Screen And many more.... This is just a few of what is contained in this book and you can Download FREE with Kindle Unlimited So what are you waiting for? Scroll up and Click the Orange - BUY NOW WITH 1-CLICK BUTTON- on the top right corner and Download Now!!! You won't regret you did See you inside!!!

Geodesy - the Challenge of the 3rd Millennium John Wiley & Sons Comprehensive, heavily illustrated volume introduces the concepts and techniques of digital image capture, including exposure, composition, histograms, depth of field, advanced lighting, lens filters, shutter speed, and autofocus. Learn the core concepts and techniques you need to know to take better photos, from choosing the best lens for your stylistic goals to selecting the right camera settings for different lighting conditions. With clear explanations and highly

visual examples, Sean T. McHugh takes you from basic concepts like exposure and depth of field to more advanced topics, such as how camera lenses and sensors capture light to produce images. You'll learn not only which camera settings to use in different situations but also the reasons why. Learn how to: - Choose lenses that give greater control over perspective - Minimize image noise by understanding how digital sensors work - Get the exposure you want even in fog, mist, or haze - Improve hand-held shots by mastering shutter speed and autofocus - Use tripods, lens filters, and flash to enhance image capture Whether you want to understand digital photography at a deeper level or simply want to take better photos, Understanding Photography will help you get the most out of your camera.

Image Sensors and Signal Processing for Digital Still

Cameras Taylor & Francis

Shrinking pixel sizes along with improvements in image sensors, optics, and electronics have elevated DSCs to levels of performance that match, and have the potential to surpass, that of silver-halide film cameras. Image Sensors and Signal Processing for Digital Still Cameras captures the current state of DSC image acquisition and signal processing technology and takes an all-inclusive look at the field, from the history of DSCs to future possibilities. The first chapter outlines the evolution of DSCs, their basic structure, and their major application classes. The next few chapters discuss high-quality optics that meet the requirements of better image sensors, the basic functions and performance parameters of image sensors, and detailed discussions of both CCD and CMOS image sensors. The book then discusses how color theory affects the uses of DSCs, presents basic image processing and camera control algorithms and examples of advanced image processing algorithms, explores the architecture and required performance of signal

processing engines, and explains how to evaluate image quality for each component described. The book closes with a look at future technologies and the challenges that must be overcome to realize them. With contributions from many active DSC experts, Image Sensors and Image Processing for Digital Still Cameras offers unparalleled real-world coverage and opens wide the door for future innovation.

[Canon Rebel EOS T8i/850D User Guide](#) Random House Worlds

NEW YORK TIMES BESTSELLER • Go beyond the film that introduced Star Wars fans to Cassian Andor with a novelization featuring new scenes and expanded material. “One of the best movie adaptations yet.”—Cineline As the shadows of the Empire loom ever larger across the galaxy, so do deeply troubling rumors. The Rebellion has learned of a sinister Imperial plot to bring entire worlds to their knees. Deep in Empire-dominated space, a machine of unimaginable destructive power is nearing completion. A weapon too terrifying to contemplate . . . and a threat that may be too great to overcome. If the worlds at the Empire’s mercy stand any chance, it lies with an unlikely band of allies: Jyn Erso, a resourceful young woman seeking vengeance; Cassian Andor, a war-weary rebel commander; Bodhi Rook, a defector from the Empire’s military; Chirrut Îmwe, a blind holy man and his crack-shot companion, Baze Malbus; and K-2SO, a deadly Imperial droid turned against its former masters. In their hands rests the new hope that could turn the tide toward a crucial Rebellion victory—if only they can capture the plans to the Empire’s new weapon. But even as they race toward their dangerous goal, the specter of their ultimate enemy—a monstrous world unto itself—darkens the skies. Waiting to herald the Empire’s brutal reign with a burst of annihilation worthy of its dreaded name: Death Star.

[The History of Mathematics](#) "O'Reilly Media, Inc."

This text is designed for the junior/senior mathematics major

who intends to teach mathematics in high school or college. It concentrates on the history of those topics typically covered in an undergraduate curriculum or in elementary schools or high schools. At least one year of calculus is a prerequisite for this course. This book contains enough material for a 2 semester course but it is flexible enough to be used in the more common 1 semester course.

The Story of Ahikar from the Syriac, Arabic, Armenian, Ethiopic, Greek and Slavonic Versions Legare Street Press

This guidance covers the practical application of photogrammetry in recording cultural heritage, with particular reference to structure from motion (SfM) techniques. Our audience for this document includes survey contractors, archaeological contractors, voluntary organisations and specialists. Photogrammetric image acquisition and processing, until recently requiring a considerable investment in hardware and software, are now possible at a fraction of their former cost. This has led to a huge increase in the use of photogrammetry in cultural heritage recording. The skills required to apply the techniques successfully and accurately are discussed, and background information on how various parts of the process work is provided so that better results can be achieved through better understanding. Photogrammetry is characterised by its versatility, and is applicable over a wide range of scales, from landscapes to small objects. The particular requirements needed at these different scales are outlined, and both imaging techniques and useful ancillary equipment are described. The different types of outputs are discussed, including their suitability for further interrogation using a range of established analytical techniques and the presentation options available. A range of

case studies illustrates the application of photogrammetry across a variety of projects that broadly reflect the areas discussed in the text. This document is one of a number of Historic England technical advice documents on how to survey historic places.

Canon EOS Rebel T3/1100D For Dummies Mango Media Inc.

The straightforward guide to the new Canon EOS Rebel T2i/550D Popular tech blog Gizmodo.com called the Canon EOS Rebel T2i/550D "an incredible camera – everything a first DSLR should be." With 1080p digital video capability and an 18 megapixel sensor that improves low-light shooting all for under \$900, the accolades are well-earned. And for less than \$30, you can learn how to maximize your digital photography experience! Packed with more than 300 color photos and 100 color screen captures throughout, this beginner book walks you through the camera's controls, features, and shooting modes. If you're new to the Canon EOS Rebel T2i/550D, this fun and friendly guide shifts you out of automatic mode and helps you shoot memorable digital photos. Aimed at first-time dSLR users looking for a guide that clearly and patiently explains the features and controls of the Canon EOS Rebel T2i/550D Explores the on-board controls and situational shooting Addresses using live view and playback modes Explains dialing in exposure and lighting controls Details how to edit, print, post online, and other ways to share images Spells out how to manipulate focus and color controls Canon EOS Rebel T2i/550D For Dummies delivers a straightforward look through the lens of your dSLR!

Optimal Control of Nonlinear Processes Princeton University Press

The basic structure of the EOS Rebel T8i/850D camera is

similar to that of its predecessor model EOS Rebel T6i. This camera has a 24 Megapixel APS-C sensor. The new generation sensor with a dual-chip can capture very good images in high-contrast conditions. Due to the presence of the Dual-Chip CMOS AF sensor, it is much faster and has a much larger coverage area. It is possible to make some good photos by using the Dual-Chip CMOS AF sensor. It helps in improved AF and AF-C performance as compared to the EOS Rebel T6i. Furthermore, the user can use this camera in low-light situations. In the photos captured in low light, it is possible to see a very bright bokeh effect. Also, it has better autofocus ability than the EOS Rebel T6i. The maximum ISO can be set up to 16000 and the range of ISO 100-32000. Its electronic shutter is faster than the EOS Rebel T6i. It has a new AF algorithm that makes it possible to track the subject with very little user effort. The camera can also shoot videos in 4K resolution at 30 frames per second. The previous model EOS Rebel T6i can shoot videos only in HD resolution. This camera features a Live View Finder, which can display what is in the viewfinder on the screen. The screen can be tilted up and down from the right side of the camera. The built-in pop-up flash can be attached to the camera to allow users to click portraits with no flash. The viewfinder and the rear LCD are always shown on the top plate and the sensitivity can be adjusted. This is the Manual you need to get started with using this camera seamlessly. This book covers all the features and settings for the Canon EOS Rebel T8i/850D Camera as you will get wider knowledge on topics such as: What's In It For Me With The Canon EOS Rebel T8i/850D Camera Getting To Know The External Buttons Setting Up Your Camera Information About The LCD Screen Using The Video Mode Information About The Black Screen Using Playback How To Use The Shooting Modes What Does The Creative Filter Do Controlling The Exposure A Look At The White Balance Modes For Metering How To Use Focus Modes Canon Rebel EOS T8i/850D Back Buttons Getting To Know The Deep Menu Setting Up Image Quality How To Use The Aspect Ratio Reviewing The Duration How To Release Shutter Without Card How To Correct Your Lens Aberration How To Control The Flash How To Use Exposure Compensation Setting Up ISO Speed How To Optimize Auto Lighting Using The White Balance Setting Up Color Space How To Setup Your Picture Style How To Reduce Long Exposure Noise How To Setup High ISO How To Delete Data Taking A Live View Shoot Using Anti-Flicker Shoot Using Lens Electronic MF Using The AF-assist Beam Information About The Change Rotate How To Erase Images Printing Order Setup For Photobook Using Creative Filters Correcting Red Eye How To Create An Album, Crop Images, And Resize Images How To Setup Image Search Using Image Jump Using The Histogram Using AF Point Display How To View From Last Seen Output For HDMI HDR Using The Purple Tab How To Select A Folder And many more.. This Manual is ideal for both Beginners and Experts to maximize User Experience. So what are you

waiting for? Scroll up and Click the Orange - BUY NOW WITH 1-CLICK BUTTON- on the top right corner and Download Now!!! You won't regret you did See you inside!!!

Canon EOS Rebel T2 Springer Science & Business Media

Master the Art and Science of Matchmoving Written by a matchmoving expert, this book is much more than a technical primer. It helps you think like a pro so that you can find the right solution for your matchmoves, no matter how tricky. You'll also find coverage of tasks that commonly go hand-in-hand with matchmoving, along with advice on the contributions you can make on the set of a live-action shoot. Whether you're a student or professional, Matchmoving: The Invisible Art of Camera Tracking gives you the knowledge and perspective you need to quickly and successfully solve every matchmove. Coverage includes: Understanding how matchmove programs work Perspective matching Getting optimal 2D tracking data Calibrating/solving cameras Using automatic tracking Fitting matchmoves into a CG set Mastering matchamation techniques Modeling from matchmoves Troubleshooting bad matchmoves Multi-purposing matchmove data

Canon EOS Rebel T8i/850D User Guide Lark Books

Are you looking to capture amazing images or shoot crystal clear videos using the Canon EOS Rebel t8i/850D? Then this user guide is the right choice for you. The Canon EOS Rebel t8i/850D is one of the best canon cameras in the technological market that includes a Live View system and other exciting features. Additionally, the Live View system allows photos to fit on the screen, including the optical viewfinder. Furthermore, the latest canon camera allows you to discover extra creative photography skills. There is nothing more enjoyable than getting a portable camera, and

you can get all these features with the Canon EOS rebel t8i/850D. With this camera user guide, you will learn how to import pictures via Wi-Fi, turn it on, use manual exposure mode, use mirror lockup, attach and detach lens, and so many more features. This user guide will provide you with all the information to help you operate the Canon EOS Rebel t8i/850D without any issue. With its well-explained features and step-by-step guide, you will get to know your new camera features, functions, and abilities. Here are a few things to learn from this user guide: How to turn on the power How to charge the battery How to insert and remove the batteries How to insert and remove the cards How to attach and detach the lens How to set the screen display level How to view the screen as you shoot How to shoot selfies About special scene mode About group photo mode About portrait mode About landscape mode About sports mode About night portrait mode About HDR Backlight Control mode About smooth skin mode How to use self-timer How to use remote control shooting How to use shutter priority ED Mode How to use manual exposure mode How to use mirror lockup How to use long exposures How to select the AF Methods How to use drive mode How to use manual focus Flash function settings How to shoot with the built-in flash How to shoot with external flash units Easy wireless flash How to release the shutter without a card ISO speed settings White balance settings Noise reduction features How to use continuous AF How to record movies How to use the HDR movies option Sound recording How to

use time-lapse movies Digital zoom How to use creative filters How to playback on a TV set How to erase images How to rotate still photos How to set up a Photobook How to crop images How to use the slide show How to resize images How to create albums How to connect to the printer via Wi-Fi How to connect to a smartphone How to send images to a web service How to change or delete connection settings How to connect to a computer via Wi-Fi How to use multi-image display How to import pictures via Wi-Fi Shooting Features Picture Files How to disable shooting without a card How to process RAW images How to create video snapshots Display RAW images in HDR TVs And many more!! This is just a few of what is contained in this User Manual, and you can Download FREE with Kindle Unlimited So what are you waiting for? Scroll up and Click the Orange - BUY NOW WITH 1-CLICK BUTTON- on the top right corner and Download Now!!! You won't regret you did See you inside!!!

Understanding Photography Springer Science & Business Media
This statement by Denys Scully provides a comprehensive overview of the penal laws that aggrieve the Catholics of Ireland, including commentary on their impact. This work is an important resource for anyone interested in the history of Ireland and the struggles of the Catholic community. This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work is in the "public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important

enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Data Mining and Big Data Springer Science & Business Media
This open access peer-reviewed volume was inspired by the UNESCO UNITWIN Network for Underwater Archaeology International Workshop held at Flinders University, Adelaide, Australia in November 2016. Content is based on, but not limited to, the work presented at the workshop which was dedicated to 3D recording and interpretation for maritime archaeology. The volume consists of contributions from leading international experts as well as up-and-coming early career researchers from around the globe. The content of the book includes recording and analysis of maritime archaeology through emerging technologies, including both practical and theoretical contributions. Topics include photogrammetric recording, laser scanning, marine geophysical 3D survey techniques, virtual reality, 3D modelling and reconstruction, data integration and Geographic Information Systems. The principal incentive for this publication is the ongoing rapid shift in the methodologies of maritime archaeology within recent years and a marked increase in the use of 3D and digital approaches. This convergence of digital technologies such as underwater photography and photogrammetry, 3D sonar, 3D virtual reality, and 3D printing has highlighted a pressing need for these new methodologies to be considered together, both in terms of defining the state-of-the-art and for consideration of future directions. As a scholarly publication, the audience for the book includes students and researchers, as well as professionals working in various aspects

of archaeology, heritage management, education, museums, and public policy. It will be of special interest to those working in the field of coastal cultural resource management and underwater archaeology but will also be of broader interest to anyone interested in archaeology and to those in other disciplines who are now engaging with 3D recording and visualization.

Proceedings of the European Computing Conference CRC Press
Magic Lantern Guides: the most popular, most respected camera manuals in the world. "If you can't find the instruction manual for your camera, or just want to learn more about it, Magic Lantern Guides...are available for many current and out-of-production SLRs. [They] provide information on the camera, how to use its features, accessories, and general how-to-information on photography, all in a convenient 5 x 7.5 inch package."--Photographic "Packed with diagrams, instructions, and tips."--Outdoor Photographer "These books are essential gear, whether you own the equipment, are thinking about buying it, or just want to know how it works."--Shutterbug Magazine. More informative and user-friendly than any manufacturer's instruction book, the Magic Lantern guides show the way to sophisticated picture-taking. This latest entry in the series focuses on the brand-new Canon EOS Rebel Ti (EOS 300V outside of North America). The Rebel series of autofocus SLR cameras is already popular, and this new model is even lighter, faster and easier to operate--perfect for amateurs.

Magic Lantern Guides: Canon EOS Rebel T1i/EOS 500D John Wiley & Sons

The European Computing Conference offers a unique forum for establishing new collaborations within present or upcoming research projects, exchanging useful ideas, presenting recent research results, participating in discussions and establishing new academic collaborations, linking university with the industry. Engineers and Scientists working on various areas of Systems Theory, Applied

Mathematics, Simulation, Numerical and Computational Methods and Parallel Computing present the latest findings, advances, and current trends on a wide range of topics. This proceedings volume will be of interest to students, researchers, and practicing engineers.

Rogue One: A Star Wars Story WCB/McGraw-Hill

The very word "digital" has acquired a status that far exceeds its humble dictionary definition. Even the prefix digital, when associated with familiar sectors such as radio, television, photography and telecommunications, has reinvented these industries, and provided a unique opportunity to refresh them with new start-up companies, equipment, personnel, training and working practices - all of which are vital to modern national and international economies. The last century was a period in which new media stimulated new job opportunities, and in many cases created totally new sectors: video competed with film, CDs transformed LPs, and computer graphics threatened traditional graphic design sectors. Today, even the need for a physical medium is in question. The virtual digital domain allows the capture, processing, transmission, storage, retrieval and display of text, images, audio and animation without familiar materials such as paper, celluloid, magnetic tape and plastic. But moving from these media to the digital domain introduces all sorts of problems, such as the conversion of analog archives, multimedia databases, content-based retrieval and the design of new content that exploits the benefits offered by digital systems. It is this issue of digital content creation that we address in this book. Authors from around the world were invited to comment on different aspects of digital content creation, and their contributions form the 23 chapters of this volume.

[Guide to Best Practices for Ocean Acidification Research and Data](#)

Reporting Springer Science & Business Media

Geodesy as the science which determines the figure of the earth, its orientation in space and its gravity field as well as its temporal changes, produces key elements in describing the kinematics and the dynamics of the deformable body "earth". It contributes in particular to geodynamics and opens the door to decode the complex interactions between components of "the system earth". In the breathtaking development recently a whole arsenal of new terrestrial, airborne as well as satelliteborne measurement techniques for earth sciences have been made available and have broadened the spectrum of measurable earth parameters with an unforeseen accuracy and precision, in particular to resolve the factor time. The book focusses on these topics and gives a state of the art of modern geodesy.

Lost Enlightenment Springer Science & Business Media

The forgotten story of Central Asia's enlightenment—its rise, fall, and enduring legacy In this sweeping and richly illustrated history, S. Frederick Starr tells the fascinating but largely unknown story of Central Asia's medieval enlightenment through the eventful lives and astonishing accomplishments of its greatest minds—remarkable figures who built a bridge to the modern world. Because nearly all of these figures wrote in Arabic, they were long assumed to have been Arabs. In fact, they were from Central Asia—drawn from the Persianate and Turkic peoples of a region that today extends from Kazakhstan southward through Afghanistan, and from the easternmost province of Iran through Xinjiang, China. Lost Enlightenment recounts how, between the years 800 and 1200, Central Asia led the world in trade and economic development, the size and sophistication of its cities, the refinement of its arts, and, above all, in the advancement of knowledge in many fields. Central Asians achieved signal breakthroughs in astronomy,

mathematics, geology, medicine, chemistry, music, social science, philosophy, and theology, among other subjects. They gave algebra its name, calculated the earth's diameter with unprecedented precision, wrote the books that later defined European medicine, and penned some of the world's greatest poetry. One scholar, working in Afghanistan, even predicted the existence of North and South America—five centuries before Columbus. Rarely in history has a more impressive group of polymaths appeared at one place and time. No wonder that their writings influenced European culture from the time of St. Thomas Aquinas down to the scientific revolution, and had a similarly deep impact in India and much of Asia. Lost Enlightenment chronicles this forgotten age of achievement, seeks to explain its rise, and explores the competing theories about the cause of its eventual demise. Informed by the latest scholarship yet written in a lively and accessible style, this is a book that will surprise general readers and specialists alike.