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Extreme Insects Lessons from the Masters Clean and Lean Discover the Night Sky Through Binoculars The Colour of Dishonour The Official Guide to Jazz Dancing Inside Pixl Insight Using Sequence Generator Pro and Friends Emerging Therapeutic Ultrasound Chronicling the Golden Age of Astronomy Domestic Architecture and Power Deep-Sky Video Astronomy Astronomy Now Deep-Sky Wonders Binocular Astronomy The Astrophotography Manual Exoplanet Observing for Amateurs Oxford Bookworms Library: Stage 6: Cry Freedom Astro-Imaging Projects for Amateur Astronomers The Deep-sky Imaging Primer Running an Effective Training Session So You Want a Meade LX Telescope! The Norwegian Aurora Polaris Expedition 1902-1903 Video Astronomy Moon Dust Light Understanding Variable Stars The Art of Astrophotography The New NASA Orbital Debris Engineering Model Orderm2000 The Amateur Astronomer Cosmic Challenge Just a Spoonful of Laughter Helps the Medicine Go Down Selected Poems and Letters The NexStar User's Guide The Seven Sisters of the Pleiades The Universe from Your Backyard The Handbook of Astronomical Image Processing Engineering, Design, and Construction of Portable Newtonian Telescopes Imaging the Southern Sky Hunting and Imaging Comets

Extreme Insects

They said Steve Biko was a man of violence; then why did he talk of peace? They said he wanted revolution; so why did he talk of friendship? They said he died of hunger; why was his body broken and bruised ? This is the story of a man's fight with the government of South Africa. It is the story of ail people who prefer truth to lies. It is the story of ail people who cry 'Freedom', and who are not afraid to die.

Lessons from the Masters

In The Art of Astrophotography, astronomer and Astronomy Now columnist Ian Morison provides the essential foundations of how to produce beautiful astronomical images. Every type of astroimaging is covered, from images of the Moon and planets, to the constellations, star clusters and nebulae within our Milky Way Galaxy and the faint light of distant galaxies. He achieves this through a series of worked examples and short project walk-throughs, detailing the equipment needed - starting with just a DSLR (digital single lens reflex) camera and tripod, and increasing in complexity as the book progresses - followed by the way to best capture the images and then how, step by step, these may be processed and enhanced to provide results that can rival those seen in astronomical magazines and books. Whether you are just getting into astrophotography or are already deeply involved, Morison's advice will help you capture and create enticing astronomical images.

Clean and Lean

For many astronomers, the holy grail of observation is to discover a comet, not least because comets always bear the name of their discoverer! *Hunting and Imaging Comets* was written for comet hunters and digital imagers who want to discover, rediscover, monitor, and make pictures of comets using astronomical CCD cameras and DSLRs. The old days of the purely visual comet hunter are pretty much over, but this is not to say that amateurs have lost interest in finding comets. The book also covers the discovery of comet fragments in the SOHO image data, CCD monitoring of older comets prone to violent outbursts, the imaging of new NEOs (Near Earth Objects) that have quite often been revealed as comets - not asteroids - by amateur astronomers, and the finding of recent comets impacting Jupiter.

Discover the Night Sky Through Binoculars

Includes a link to freely downloadable higher resolution colour charts that you may print out or display on your tablet or other device. For many decades, the advice given to beginning amateur astronomers has been "start with binoculars" but, beyond that, there has not been any specific advice on how to go about it. Stephen Tonkin shows you why this advice is appropriate, and takes you on a year-long journey through the night sky visible from northern temperate latitudes. At the end of this journey, you will have a sound basic knowledge of the sky and will have gathered useful snippets of astronomical information and whimsy along the way. Although the book is intended to be used with a decent star atlas (the star charts in the book are size-limited by the page size), readers have the option of downloading a full set of higher resolution colour charts to print out or for use on a tablet or smartphone. Reader comments: "I find this book a true pleasure to read"

The Colour of Dishonour

Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this - one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners - there is a chapter on "Astronomy Basics" - and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled "go to" model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable "go to" telescopes.

The Official Guide to Jazz Dancing

Insects are the most extreme organisms on Earth and, despite their diminutive size, they wield inordinate power. With the exception of the polar icecaps, every terrestrial ecosystem on earth is colonized by them, and they account for almost three-quarters of all named animals – that's one million species at the last count!

Inside PixInsight

A visual exploration of the power and behavior of light, across the electromagnetic spectrum, and how it affects life on earth and everything in the Universe. Light allows us to see everything around us, but humans can only see a sliver of all light, known as the electromagnetic spectrum. Here, Kim Arcand and Megan Watzke present the subject of light as never before. Organized along the order of the electromagnetic spectrum, each chapter focuses on a different type of light. From radio waves, harnessed for telecommunications, to X-rays, which let us peer inside the human body and view areas around black holes in deep space, Arcand and Watzke show us all the important ways light impacts us. An introductory chapter describes what light is and how it behaves, while hundreds of full-color photographs and illustrations demonstrate concepts and make for a stunning book that's a joy to read and browse.

Using Sequence Generator Pro and Friends

There are currently thousands of amateur astronomers around the world engaged in astrophotography at a sophisticated level. Their ranks far outnumber professional astronomers doing the same and their contributions both technically and artistically are the dominant drivers of progress in the field today. This book is a unique collaboration of individuals world-renowned in their particular area and covers in detail each of the major sub-disciplines of astrophotography. This approach offers the reader the greatest opportunity to learn the most current information and the latest techniques directly from the foremost innovators in the field today. “Lessons from the Masters” includes a brilliant body of recognized leaders in astronomical imaging, assembled by Robert Gendler, who delivers the most current, sophisticated and useful information on digital enhancement techniques in astrophotography available today. Each chapter focuses on a particular technique, but the book as a whole covers all types of astronomical image processing, including processing of events such as eclipses, using DSLRs, and deep-sky, planetary, widefield, and high resolution astronomical image processing. Recognized contributors include deep-sky experts such as Jay GaBany, Tony Hallas, and Ken Crawford, high-resolution planetary expert Damian Peach, and the founder of TWAN (The World at Night) Babak A. Tafreshi. A large number of illustrations (150, 75 in color) present the challenges and accomplishments involved in the processing of astronomical images by enthusiasts.

Emerging Therapeutic Ultrasound

PixInsight has taken the astro-imaging world by storm. As the first comprehensive postprocessing platform to be created by astro-imagers for astro-imagers, it has for many replaced other generic graphics editors as the software of choice. PixInsight has been embraced by professionals such as the James Webb (and Hubble) Space Telescope's science imager Joseph DePasquale and Calar Alto's Vicent Peris, as well as thousands of amateurs around the world. While PixInsight is extremely powerful, very little has been printed on the subject. The first edition of this book broke that mold, offering a comprehensive look into the software's capabilities. This second edition expands on the several new processes added to the PixInsight platform since that time, detailing and demonstrating each one with a now-expanded workflow. Addressing topics such as PhotometricColorCalibration, Large-Scale Pixel Rejection, LocalNormalization and a host of other functions, this text remains the authoritative guide to PixInsight.

Chronicling the Golden Age of Astronomy

This guide is specifically aimed at those who are using—or want to use—Sequence Generator Pro. SGP is a “session management” software package that controls the telescope, mount, camera, and ancillary equipment to target and secure images during a night of imaging astronomical objects. The book begins with a special tutorial to get up and running with SGP. With a comprehensive reference section, it takes the user in detail through the various aspects of user and equipment profiles, equipment definitions, the sequencer, and other essential elements of SGP. Finally, it focuses on how to get the most out of the ancillary programs—target databases, autoguiders, plate solvers, planetarium software, and other applications. Oftentimes, technical guides can end up being far denser than the processes they intend to explain. Many of the insights provided by SGP expert Alex McConahay are beyond what can be found in the official program documentation. In this book, the reader will find in-depth, yet straightforward practical advice on how to automate nightly astroimaging sessions with Sequence Generator Pro.

Domestic Architecture and Power

Deep-Sky Video Astronomy

The invention of the telescope at the dawning of the 17th century has revolutionized humanity's understanding of the Universe and our place within it. This book traces the development of the telescope over four centuries, as well as the many personalities who used it to uncover brand-new revelations about the Sun, Moon, planets, stars and distant galaxies. Starting with early observers such as Thomas Harriot, Galileo, Johannes Hevelius, Giovanni Domenico Cassini, Robert Hooke and Christian Huygens, the book explores how these early observers arrived at essentially correct ideas concerning the

objects they studied. Moving into the 18th and 19th centuries, the author describes the increasing sophistication of telescopes both large and small, and the celebrated figures who used them so productively, including the Herschels, Charles Messier, William Lassell and the Earls of Rosse. Many great discoveries were also made with smaller instruments when placed in the capable hands of the Struve dynasty, F.W. Bessel, Angelo Secchi and S.W. Burnham, to name but a few. Nor were all great observers of professional ilk. The book explores the contributions made by the 'clerical astronomers,' William Rutter Dawes, Thomas William Webb, T.E.R. Philips and T.H.E.C. Espin, as well as the lonely vigils of E.E. Barnard, William F. Denning and Charles Grover. And in the 20th century, the work of Percival Lowell, Leslie Peltier, Eugene M. Antoniadi, Clyde Tombaugh, Walter Scott Houston, David H. Levy and Sir Patrick Moore is fully explored. Generously illustrated throughout, this treasure trove of astronomical history shows how each observer's work led to seminal developments in science, and providing key insights into how we go about exploring the heavens today.

Astronomy Now

The ultimate plant-based weight loss guide.

Deep-Sky Wonders

Deep-Sky Video Astronomy is a concise guide to using modern integrating video cameras for deep-sky viewing and imaging with the kinds of modest telescopes available commercially to amateur astronomers. It includes an introduction and a brief history of the technology, camera types, etc. The authors then examine the pros and cons of this unrefrigerated yet highly efficient technology, which is already beginning to compete with expensive astronomical cooled-chip CCD cameras in quality and ease of use. There is a thorough examination of accessories used to achieve particular results. Examples are focal reducers, Barlow lenses, and optical filters. However, the focus is mostly on the practical side of creating beautiful and detailed astronomical portraits using image-stacking software, enhancement tools like PhotoShop, and creating color images with a black-and-white camera. Practical step-by-step examples supported by tried and trusted tips show how to achieve the best possible deep-sky video portrait!

Binocular Astronomy

A Guide to Deep-Sky Objects from ASTRONOMY Magazine.

The Astrophotography Manual

Exoplanet Observing for Amateurs

In this book Patrick Forsyth takes the reader step by step through the process of structuring a training session and preparing materials, before covering the presentational techniques involved in detail. The final section is concerned with following up in terms of evaluation and establishing links to further training. The user-friendly text is supported throughout by examples. For anyone involved in training, Patrick Forsyth's book represents a painless way to improve performance.

Oxford Bookworms Library: Stage 6: Cry Freedom

This book is not about imaging from the southern hemisphere, but rather about imaging those areas of the sky that lie south of the celestial equator. Many of the astronomical objects presented are also accessible to northern hemisphere imagers, including those in both the USA and Europe. Imaging the Southern Sky discusses over 150 of the best southern objects to image, including nebulae, galaxies, and planetaries, each one accompanied by a spectacular color image. This book also includes sections on both image capturing and processing techniques and so makes an ideal all-in-one introduction. Furthermore, because it contains an in-depth study of how to capture all the objects, many of which are rarely imaged by amateurs and professionals alike, it is also extremely useful for the more advanced imager.

Astro-Imaging Projects for Amateur Astronomers

The Deep-sky Imaging Primer

"The quality of the deep-sky images is outstanding--a tribute to the various photographers as well as the book's printer. But it's the written word that will make or break a book like this, and Sue's writing is superb [For] an occasional stargazer, a serious observer, or anyone in between, you won't go wrong with Deep-Sky Wonders. This is a great introduction to deep-sky stargazing for novice and experienced amateur astronomers alike." --Mercury, publication of the Astronomical Society of the Pacific
Sue French writes the popular column "Deep-Sky Wonders" for Sky and Telescope magazine and also teaches deep sky observation. She has earned a loyal following among enthusiasts and is welcomed by beginners for her skill at presenting astronomy in an understandable way. After selling 10,000 copies of Deep-Sky Wonders in hardcover, we expect a good response for this paperback edition at an accessible price. Deep-Sky Wonders is a collection of 100 of French's best "Deep-Sky Wonders" columns originally published in Sky and Telescope, which has a monthly readership exceeding 100,000. The book is organized by season and subdivided into months for a total of 100 in-depth tours of the deep sky. Each deep sky tour illuminates little-known seasonal wonders that lie off the beaten path. Features include: Full-color

photographs and detailed sketches of each deep sky tour Descriptions of double and variable stars, star clusters, nebulae, galaxies and exotics Historical and scientific background of particular interest A tabular listing of the deep-sky sites Color charts showing the position of each target in the night sky An index to all of the deep-sky objects covered. Deep-Sky Wonders also features a variety of challenging objects that encourage observers to test the limits of their equipment and skills. Suitable for beginner and intermediate small-scope astronomers as well as large-scope viewers and astrophotographers, this book will be greeted enthusiastically by all Sky and Telescope readers. It is also an outstanding introduction to deep-sky viewing for novice observers.

Running an Effective Training Session

Computers and Astronomy Perhaps every generation of astronomers believes that their telescopes are the best that have ever been. They are surely all correct! The great leap of our time is that computer-designed and machined parts have led to more accurately made components that give the astronomer ever better views. The manual skills of the craftsman mirror grinder have been transformed into the new-age skills of the programmer and the machine maker. (The new products did not end the work of craftsman telescope makers, though. Many highly skilled amateur/professional opticians continued to produce good-quality mirrors that are still seen today.) Amateur-priced telescopes are now capable of highly accurate tracking and computer control that were once only the province of professionals. This has greatly increased the possibilities of serious astronomy projects for which tailor-made software has been developed. Add a CCD camera to these improved telescopes (see Chap. 3), and you bring a whole new dimension to your astronomy (see Fig. 1. 1). Look Before You Leap! But first, a word of caution. Unless you are already familiar with astronomy and basic telescopes, it is not wise to start spending large amounts of money on a well-equipped telescope. Such an instrument might otherwise be subsequently abandoned due to a perceived overcomplexity coupled with a waning interest.

So You Want a Meade LX Telescope!

This essential reference book remains your complete guide to capturing images of the night sky on video! The newly revised edition includes expanded sections on webcams and the new generation of high-sensitivity video cameras. You'll learn how to use ordinary camcorders, and digital video cameras to record images of the Moon and planets, deep-sky objects, and fleeting celestial events such as occultations, meteor showers, and eclipses. An updated manufacturer listing and reference section are included.

The Norwegian Aurora Polaris Expedition 1902-1903

The Astrophotography Manual, Second Edition is for photographers ready to move beyond standard SLR cameras and editing software to create beautiful images of nebulas, galaxies, clusters, and the stars. Beginning with a brief astronomy primer, this book takes readers through the full astrophotography process, from choosing and using equipment to image capture, calibration, and processing. This combination of technical background and hands-on approach brings the science down to earth, with practical methods to ensure success. This second edition now includes: Over 170 pages of new content within 22 new chapters, with 600 full-color illustrations. Covers a wide range of hardware, including mobile devices, remote control and new technologies. Further insights into leading software, including automation, Sequence Generator Pro and PixInsight Ground-breaking practical chapters on hardware and software as well as alternative astrophotography pursuits

Video Astronomy

Historical archaeology, one of the fastest growing of archaeology's sub fields in North America, has developed more slowly in Central and particularly South America. Happily, this circumstance is ending as a growing number of recent projects are successfully integrating textual and material culture data in studies of the events and processes of the last 500 years. This interval and this region—often called Ibero-America—have been studied for a century or more by historians with traditional perspectives and emphases focusing on colonial elites and large-scale politico-economic events. Such inclinations fit well into world-system and other core-periphery models that have had a major impact on historical thought since the 1970s. Over the past 20 years or so, however, world-system models have come under fire from historians, anthropologists, and others, in part because the emphasis on global trends and the growth of capitalism - nies the importance of understanding variability in local histories and circumstances. Historians have increasingly turned their attention to local, rural, and domestic contexts, thereby illuminating the great diversity of responses to colonial domination that were played out in the vast arena of the Americas. It is not coincidental that this is the intellectual climate in which historical archaeology is establishing itself in Central and South America.

Moon Dust

Listing more than 500 sky targets, both near and far, in 187 challenges, this observing guide will test novice astronomers and advanced veterans alike. Its unique mix of Solar System and deep-sky targets will have observers hunting for the Apollo lunar landing sites, searching for satellites orbiting the outermost planets, and exploring hundreds of star clusters, nebulae, distant galaxies, and quasars. Each target object is accompanied by a rating indicating how difficult the object is to find, an in-depth visual description, an illustration showing how the object realistically looks, and a detailed finder chart to help you find each challenge quickly and effectively. The guide introduces objects often overlooked in other observing guides and features targets visible in a variety of conditions, from the inner city to the dark countryside. Challenges are

provided for the naked eye, through binoculars and the largest backyard telescopes.

Light

Understanding Variable Stars

While perturbative QCD methods fully describe experimental results at high energies, and chiral perturbation theory is the low energy effective theory of the strong interactions, a form of duality is observed connecting these two regimes. In these intermediate kinematics, a wide variety of reactions are observed which can be described simultaneously by single particle (quark) scattering, and by exclusive resonance (hadron) scattering. The contributions in this proceedings volume discuss recent and existing results, and aim to foster current and future research, investigating the phenomenon of quark-hadron duality. This unique volume contains research work by scientists from different arenas of hadronic physics, dealing with different manifestations of quark-hadron duality.

The Art of Astrophotography

The seven sisters of the Pleiades are known throughout the world and appear again and again in stories from many cultures. Beginning with her grandmother's tale, Munya Andrews takes the reader to the stars, around and across the planet through Indigenous North America, Australia, Japan and the Pacific, and back through time to Ancient Egypt, India, Greece and South America. She explores the commonalities of legends to discover our common human origins. The Subaru from Japan share much with the young women depicted as birds in the stories from Greece and Indigenous Australia. The Pleiades have been the source of much mythology, wisdom and science over many millennia. The book is also an examination of culture and how culture is expressed through symbols and stories related to stars and other astronomical phenomena. Her work is distinguished from other studies in the field because she brings to it an Indigenous perspective which enriches its interpretative power. No other writer has captured the richness of this mysterious constellation.

The New NASA Orbital Debris Engineering Model Ordem2000

Just a Spoon Full of Laughter is a great read for anyone that's been to a doctor's office and made it out alive. Written by an actual physician, it will keep you in stitches (no pun intended) from one story to the next. See for yourself what could be so funny about the physician office visit. Whether it's recalling his first sigmoidoscopy or performing an autopsy, you'll keep this riveting series of short humorous stories right there in the bathroom for pleasurable reading. You may even find

yourself somewhere between the pages. From an author who will never be a New York Times Best Seller, it's a great book for young or old, male or female, professional or not. It's especially ideal for that person in your life who has everything except a sense of humor. It's ideal as a stocking stuffer, white elephant gift or for future yard sales. "The funniest book I ever read." Says Dr. Zhivago "Yes! Yes! Yes!" Says Dr. No

The Amateur Astronomer

This book contains everything an astronomer needs to know about binocular observing. The book takes an in-depth look at the instruments themselves. It has sections on evaluating and buying binoculars and binocular telescopes, their care, mounting, and accessories. In addition there is a selection of fifty fine objects to be seen with 50mm and 100mm binoculars. The advantages of using both eyes for astronomical observing are many and considerable, largely because of the way the human brain processes visual information. This book enables the astronomer to maximize those advantages.

Cosmic Challenge

Just a Spoonful of Laughter Helps the Medicine Go Down

Selected Poems and Letters

The NASA Orbital Debris Program Office at Johnson Space Center has developed a new computer-based orbital debris engineering model, ORDEM2000, which describes the orbital debris environment in the low Earth orbit region between 200 and 2000 km altitude. The model is appropriate for those engineering solutions requiring knowledge and estimates of the orbital debris environment (debris spatial density, flux, etc.). ORDEM2000 can also be used as a benchmark for ground-based debris measurements and observations. We incorporated a large set of observational data, covering the object size range from 10 mm to 10 m, into the ORDEM2000 debris database, utilizing a maximum likelihood estimator to convert observations into debris population probability distribution functions. These functions then form the basis of debris populations. We developed a finite element model to process the debris populations to form the debris environment. A more capable input and output structure and a user-friendly graphical user interface are also implemented in the model. ORDEM2000 has been subjected to a significant verification and validation effort. This document describes ORDEM2000, which supersedes the previous model, ORDEM96. The availability of new sensor and in situ data, as well as new analytical techniques, has enabled the construction of this new model. Section 1 describes the general requirements and scope of an

engineering model. Data analyses and the theoretical formulation of the model are described in Sections 2 and 3. Section 4 describes the verification and validation effort and the sensitivity and uncertainty analyses. Finally, Section 5 describes the graphical user interface, software installation, and test cases for the user. Liou, Jer-Chyi and Matney, Mark J. and Anz-Meador, Phillip D. and Kessler, Donald and Jansen, Mark and Theall, Jeffery R. Johnson Space Center COMPUTER TECHNIQUES; LOW EARTH ORBITS; PROBABILITY DISTRIBUTION FUNCTIONS; SPACE DEBRIS; COMPUTER PROGRAMMING; DA

The NexStar User's Guide

The thrilling science fiction trilogy continues. When the world faces invasion and destruction on an epic scale, three unlikely friends find themselves caught up in an adventure that will take them from the post-apocalyptic ruins of the Earth to a far-flung alien planet on the brink of war. In MOON DUST, Kat Brown and her friends struggle to survive in the aftermath of the invasion. Debris from the shattered Moon smothers the Earth, and strange alien creatures lurk and thrive in the hostile environment. And on top of all this, a mysterious and beautiful girl from a distant planet seems intent on stealing the heart of Kat's boyfriend, Brandon Walker.

The Seven Sisters of the Pleiades

Six short stories from the mystical Bronze Age world of the dark epic fantasy novel Storm Dancer: Kin Greywalker The Water of Truth Each Stone, A Life The Colour of Dishonour A Horse for a Hero The stories span the fantasy and horror genres, varying in tone from light to dark, from quirky to disturbing, and they may make you think after you've put the book down.

The Universe from Your Backyard

This is the must-have guide for all amateur astronomers who double as makers, doers, tinkerers, problem-solvers, and inventors. In a world where an amateur astronomy habit can easily run into the many thousands of dollars, it is still possible for practitioners to get high-quality results and equipment on a budget by utilizing DIY techniques. Surprisingly, it's not that hard to modify existing equipment to get new and improved usability from older or outdated technology, creating an end result that can outshine the pricey higher-end tools. All it takes is some elbow grease, a creative and open mind and the help of Chung's hard-won knowledge on building and modifying telescopes and cameras. With this book, it is possible for readers to improve their craft, making their equipment more user friendly. The tools are at hand, and the advice on how to do it is here. Readers will discover a comprehensive presentation of astronomical projects that any amateur on any budget can replicate - projects that utilize leading edge technology and techniques sure to invigorate the experts and elevate the

less experienced. As the "maker" community continues to expand, it has wonderful things to offer amateur astronomers with a willingness to get their hands dirty. Tweaking observing and imaging equipment so that it serves a custom purpose can take your observing options to the next level, while being fun to boot.

The Handbook of Astronomical Image Processing

This 2000 Edition of Sir Patrick Moore's classic book has been completely revised in the light of changes in technology. Not only do these changes include commercially available astronomical telescopes and software, but also what we know and understand about the universe. There are many new photographs and illustrations. Packs a great deal of valuable information into appendices which make up almost half the book. These are hugely comprehensive and provide hints and tips, as well as data (year 2000 onwards) for pretty well every aspect of amateur astronomy. This is probably the only book in which all this information is collected in one place.

Engineering, Design, and Construction of Portable Newtonian Telescopes

This book was first published in 2007. Variable stars are those that change brightness. Their variability may be due to geometric processes such as rotation, or eclipse by a companion star, or physical processes such as vibration, flares, or cataclysmic explosions. In each case, variable stars provide unique information about the properties of stars, and the processes that go on within them. This book provides a concise overview of variable stars, including a historical perspective, an introduction to stars in general, the techniques for discovering and studying variable stars, and a description of the main types of variable stars. It ends with short reflections about the connection between the study of variable stars, and research, education, amateur astronomy, and public interest in astronomy. This book is intended for anyone with some background knowledge of astronomy, but is especially suitable for undergraduate students and experienced amateur astronomers who can contribute to our understanding of these important stars.

Imaging the Southern Sky

A phenomenally precocious schoolboy, Rimbaud was still a teenager when he became notorious as Europe's most shocking and exhilarating poet. During his brief 5-year reign as the enfant terrible of French literature he produced an extraordinary body of poems that range from the exquisite to the obscene, while simultaneously living a life of dissolute excess with his lover and fellow poet, Verlaine. At the age of 21, he abandoned poetry and travelled across Europe before settling in Africa as an arms trader. This edition sets the two sides of Rimbaud side by side with a sparkling translation of his most exhilarating poetry and a generous selection of the letters from the harsh and colourful period of his life as a colonial

trader.

Hunting and Imaging Comets

The book that taught thousands of people about astrophotography has been completely revised and updated in this second edition. It covers everything you need to know to capture stunning images of deep-sky objects with a DSLR or CCD camera: The fundamental concepts of imaging and their impact on the final image How to pick a telescope and camera How to get set up and take the images Where and when to find the best objects in the night sky How to process images using Adobe Photoshop(R) and PixInsight(R) Start-to-finish examples of image processing Full-color with over 300 illustrations.

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