

Qhy5 Autoguiders

"One icy winter's evening in Budapest, a man runs straight into John Taylor as he walks home through the narrow streets. John falls over into the snow and looks up at the man's face. 'I felt very afraid. Because what I saw was me. My face looking down at me. My mouth saying sorry.' Who is the man, and how will John's life change?

Written by an experienced and well-known lunar observer, this is a hands-on primer for the aspiring observer of the Moon. Whether you are a novice or are already experienced in practical astronomy, you will find plenty in this book to help you raise your game to the next level and beyond. In this thoroughly updated second edition, the author provides extensive practical advice and sophisticated background knowledge of the Moon and of lunar observation. It incorporates the latest developments in lunar imaging techniques, including digital photography, CCD imaging and webcam observing, and essential advice on collimating all common types of telescope. Learn what scientists have discovered about our Moon, and what mysteries remain still to be solved. Find out how you can take part in the efforts to solve these mysteries, as well as enjoying the Moon's spectacular magnificence for yourself!

Astronomical Spectroscopy for Amateurs is a complete guide for amateur astronomers who are looking for a new challenge. After a brief overview of the development of spectrometers and an introduction to the theory of stellar spectra, the book goes on to examine the various types of spectrometers available to amateurs. Next, practical sections address all aspects of setting-up and using various types of commercially-available and home-built spectrometers. A final part gives detailed instructions for the design and construction of three different spectrometers, along with the necessary design theory (minimal math). The home-made spectrometers have performance capabilities near or equal to commercial units but are constructed using basic hand tools for a fraction of the cost! This up-to-date practical spectroscopy book will enable amateur astronomers to develop the skills and equipment needed to prepare scientifically acceptable spectra data, and to make a valuable contribution to ProAm projects.

Nanofiltration processes are finding wide applications in several 'wet' industries, such as water/wastewater treatment, water re-use, textile industry, dairy industry, food industry and the pulp and paper industries. Despite this, no definitive book exists which covers the principles of the techniques and their potential and actual applications. ' Nanofiltration:

Principles and Applications ' is edited by three well-known specialists from Australia, and contains chapters from top international authorities. The result is a comprehensive and up to date account which will be essential reading for membrane designers, manufacturers and end-users worldwide.
***Hot industrial topic *Best Australian Editors and international contributors**
***The only book on the topic**

The Astrophotographer's Guidebook

Innovations in Food Packaging

Ramonst

A Young Person's Guide to Spina Bifida

The Deep-sky Imaging Primer

The World at Night

This last book in the six-volume series from NEXTmanga combines cutting-edge illustration with fast-paced storytelling to deliver biblical truth to an ever-changing, postmodern culture. More than 10 million books in over 40 different languages have been distributed worldwide in the series.

Are we all at the mercy of our brain chemistry? Do you think that the amygdala and the hippocampus are fantastical sea monsters? What can an MRI scan tell us? Could you explain to dinner-party guests why we don't giggle when we tickle ourselves? 30-Second Brain is here to fill your mind with the science of exactly what's happening inside your head. Using no more than two pages, 300 words and

an illustration, this is the quickest way to understand the wiring and function of the most complex and intricate mechanism in the human body. Discover how the networks of 90 billion nerve cells work together to produce perception, action, cognition and emotion. Explore how your brain defines your personality, and what it gets up to while you are asleep. Illustrated with mind-bending graphics and supported by biographies of pioneers in the field of neuroscience, it's the book to get your grey matter thinking about your grey matter.

The content selected in Herbicides, Theory and Applications is intended to provide researchers, producers and consumers of herbicides an overview of the latest scientific achievements. Although we are dealing with many diverse and different topics, we have tried to compile this "raw material" into three major sections in search of clarity and order - Weed Control and Crop Management, Analytical Techniques of Herbicide Detection and Herbicide Toxicity and Further Applications. The editors hope that this book will continue to meet the expectations and needs of all interested in the methodology of use of herbicides, weed control as well as problems related to its use, abuse and misuse.

"...profoundly moving..." -Publishers Weekly Nelson Mandela's two great-grandchildren ask their grandmother, Mandela's youngest daughter, 15 questions about their grandad - the global icon of peace and forgiveness who spent 27 years in prison. They learn that he was a freedom fighter who put down his weapons for the sake of peace, and who then became the President of South Africa and a Nobel Peace Prize-winner, and realise that they can continue his legacy in the world

today. Seen through a child's perspective, and authored jointly by Nelson Mandela's great-grandchildren and daughter, this amazing story is told as never before to celebrate what would have been Nelson's Mandela 100th birthday.

How I Met Myself Level 3

The Moon and How to Observe It

The 50 most mind-blowing ideas in neuroscience, each explained in half a minute

The Constellations Handbook

Dragon Fate

Band 2.

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.

Almost a half-century after its completion, the 200-inch Palomar telescope remains an unparalleled combination of vast scale and microscope detail. As huge as the Pantheon of Rome and as heavy as the Statue of Liberty, this

magnificent instrument is so precisely built that its seventeen-foot mirror was hand-polished to a tolerance of $2/1,000,000$ of an inch. The telescope's construction drove some to the brink of madness, made others fearful that mortals might glimpse heaven, and transfixed an entire nation. Ronald Florence weaves into his account of the creation of "the perfect machine" a stirring chronicle of the birth of Big Science and a poignant rendering of an America mired in the depression yet reaching for the stars.

Grating Spectroscopes and How to Use Them
Springer Science & Business Media

Devonshire Scream

Catalogue of Principal Galaxies

A Logical Guide to Learning the 88 Constellation

Astronomical Spectroscopy for Amateurs

Handbuch für Sternfreunde

Marvel Doodles

Hidden in the mountains of East Tennessee, an eleven-year old goes about the business of being a boy during the summer of 1970. Within a balance of terror and innocence, he bears silent witness to ghosts of the dead and the cruelties of a teenage

killer while local justice plays out in a community carved from legacies of coal mining and religion.

Tatum Everley is a freshman at Western Michigan University. Due to an emotionally and psychologically abusive past relationship, Tate struggles from Complex-Post Traumatic Stress Disorder. She has been working on controlling her symptoms and flashbacks, but when she meets Axel Burne at a fraternity party, who is notorious for sleeping around and getting into fights, she tries her best to dodge the bullet. Axel starts to become intrigued by Tate, but she's better off choosing Lucas- the sweet guy who has been trying to take her out since orientation. But even though Lucas is the better option, Axel keeps reappearing. Tate continues to try to stay away from him, but it starts becoming harder to, and as she gets closer to him, things start to get way out of hand. If Tate wants her happy ending and her sanity intact, then she has to push through the hardships and maintain control over her disorder.

See the full beauty of our night sky revealed as never before in over 200 photographs from around the world. Bringing together the images of over 40 photographers across 25 countries, be

astounded by the lights of the night sky in some of the darkest places on earth; discover the beauty of galaxies, planets, and stars; view great celestial events; and see some of the world's most important landmarks against the backdrop of an incredible nightscape. Babak Tafreshi, founder of the international organization The World at Night, has curated the images in this collection—many of them previously unseen—to reveal the true splendor of the sky at night. A specialist guide to night-sky photography will help you capture your own gorgeous images of the heavens. Commentary on the science, astronomy, and photography accompany stunning images organized by theme: Symbols of all nations and religions embraced by one sky of endless beauties UNESCO World Heritage Sites at night The Universe revealed through constellations, sky motions, atmospheric phenomenon, Aurora, and other wonders Images highlighting the beauty of dark skies away from light-polluted urban areas Celestial events, from great comets to spectacular eclipses Astro-tourism destinations, like ancient astronomical monuments and modern observatories Whether they're threading a barrel or shredding a swell, these

amazing women are making enormous waves in the world of surfing. If you thought surfing was a male-dominated sport, think again. The thirty women surfers profiled in this thrilling collection can rip a wave with the best of them. Hailing from all over the world, each surfer is featured in spectacular photography and with their own inspirational words. There's American professional surfer Lindsay Steinriede on how her father's death has inspired her career; French board shaper Valerie Duprat on how she got her start "sculpting foam"; Conchita Rossler, founder of Mooana Retreat in Portugal, on connecting mind, body, and spirit; and Australian photographer Cait Miers on empowering women. You'll also meet surfers who are over sixty, who surf while pregnant, who captain boats, teach yoga, and make movies. Breathtaking photography captures these women from every angle, on and off the waves, in some of the world's most visually stunning locations. The perfect gift for surfing enthusiasts, this unique compilation of stunning pictures and hard-won wisdom proves that the thrill of catching a wave, riding it, and kicking out belongs to everyone. The Revelation of the End Times!

CeMAP 2 Revision Guide

Inside PixInsight

A History of Obsolete, Extinct, or Forgotten Star Lore

Grating Spectroscopes and How to Use Them

PMP Exam Prep

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.

Grating Spectroscopes and How to Use Them is written for amateur astronomers who are just getting into this field of astronomy. Transmission grating spectroscopes look like simple filters and are designed to screw into place on the eyepiece of a telescope for visual use, or into the camera adapter for digicam or CCD imaging. Using the most popular commercially made filter gratings – Rainbow Optics (US) and Star Analyzer (UK) – as examples, this book provides the reader with information on how to set up and use the grating one needs to obtain stellar spectrograms. It also discusses several methods on analyzing the results. This book is written in an easy to read style, perfect for getting started on the first night using the spectroscope, and specifically showing how the

simple transmission filter is used on the camera or telescope. No heavy mathematics or formulas are involved, and there are many practical hints and tips – something that is almost essential to success when starting out. This book helps readers to achieve quick results, and by following the worked examples, they can successfully carry out basic analysis of the spectra.

Archer Training's CeMAP 2 Revision Guide is an excellent addition to your LIBF study material. Used by hundreds of people before you, this Guide helps you to understand the exam syllabus easily and speedily. 200 pages of bullet points, graphs, cartoons, newspaper cuttings and a complete test at the end.

Learning the constellations is difficult. Remembering them is even harder. Have you ever wanted to look up to the night sky, name any pattern of stars and be able to tell their stories? This book groups the constellations in a logical order, so that the reader can easily learn them by their origin, and see how their stories interact with one another as a group. The last pages of this book include an index of all 88 constellations, each with a slot where you can write your own personal tips and tricks in order to memorize them with ease. The Constellations Handbook is not just another guide listing all the constellations from A to Z and their location, it is the perfect companion for stargazing, and a learning journey through the ages.

The Perfect Machine

Herbicides

Interpretations Based on Lunar Orbiter Photography

The Amateur Astronomer

Accelerated Learning to Pass PMI's PMP Exam

Spectacular photographs of the night sky

Younglings can draw, color, and create with all their favorite characters from the Marvel films. From Guardians of the Galaxy to Spider-Man, every page is packed with doodles. Readers can use their artistic powers to bring these sensational scenes to life!

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.

"The rise and fall of kings and nations!"--Cover.

Removes the scanning artefacts and transmission imperfections to produce a most comprehensive and beautifully detailed set of images of the lunar surface. To help practical astronomers, all the photographs are systematically related to an Earth-based view. Organized to make it easy for astronomers to use, enabling ground-based images and views to be compared with the Orbiter photographs.

Beobachtung und Praxis / unter Mitw. von Rainer Beck Bd. 2

The Astrophotographer's Journal

A Complete Guide to the Best Astrophotography Targets of the Year

21st Century Atlas of the Moon

Manga Majesty

Hundreds of Night Sky Objects to See in a Home Telescope-- and how to Find Them

"With over 100,000 copies sold since first publication, this is one of the most popular astronomy books of all time. It is a unique guidebook to the night sky, providing all the information you need to observe a whole host of celestial objects. With a new spiral binding, this edition is even easier to use outdoors at the telescope and is the ideal beginner's book. Keeping its distinct one-object-per-spread format, this edition is also designed for Dobsonian telescopes, as well as for smaller reflectors and refractors, and covers Southern hemisphere objects in more detail. Large-format eyepiece views, positioned side-by-side, show objects exactly as they are seen through a telescope, and with improved directions, updated tables of astronomical information and an expanded night-by-night Moon section, it has never been

easier to explore the night sky on your own"--

This revolutionary new book is written for practical amateur astronomers who not only want to observe, but want to know the details of exactly what they are looking at. The Moon is the most commonly observed of all astronomical objects. This is the first book to deal equally with the Moon itself - its formation, geology, and history - as well as the practical aspects of observation. The concept of the book - and of the series - is to present an up-to-date detailed description of the Moon, including its origins, history, and geology (part one); and then (part two) to consider how best to observe and record it successfully using commercially-available equipment. The Moon and How to Observe It is a mine of information for all levels of amateur observers, from the beginner to the experienced

The Astrophotographer's Journal is a portable notebook created for the purpose of recording observations, cataloguing photographs, and writing down the wonderful memories created by this hobby. This book contains more than 200 pages to memorialize your stargazing and imaging sessions, as well as a useful chart on the last pages to index exciting or important notes. Read back on the logs to see how much progress you have made through the months, the problems you overcame, and the notes taken to improve in the future. Just as the pioneers of astronomy did in their time, look up and take notes of your observations as you are the author of this star-filled journey. This is the ORION journal, if you are looking for the ANDROMEDA or PLEIADES cover, please see full shop.

Featuring 388 high-resolution photographs and concise descriptions of the Moon's topography, this atlas is an indispensable guide for amateur astronomers and astrophotographers.

SPINAbilities

Theory and Applications

Surf Like a Girl

Turn Left at Orion

Building the Palomar Telescope

Observing the Moon

After witnessing their hard-fought world peace returning to chaos, three dragon siblings must reunite to save their kind from extinction while battling against ancient sorcerers, men and other dragons before war consumes them all.

Reprint. 25,000 first printing.

Casual stargazers are familiar with many classical figures and asterisms composed of bright stars (e.g., Orion and the Plough), but this book reveals not just the constellations of today but those of yesteryear. The history of the human identification of constellations among the stars is explored through the stories of some influential celestial cartographers whose works determined whether new inventions survived. The history of how the modern set of 88 constellations was defined by the professional astronomy community is recounted, explaining how the constellations described in the book became permanently “extinct.” Dr. Barentine addresses why some figures were tried and discarded, and also directs observers to how those figures can still be picked out on a clear night if one knows where to look. These lost constellations are described in great detail using historical references, enabling observers to rediscover them on their own surveys of the sky. Treatment of the obsolete constellations as extant features of

the night sky adds a new dimension to stargazing that merges history with the accessibility and immediacy of the night sky.

Discover 60 Deep Sky Objects that will considerably improve your Imaging and Processing skills! Whether you are a beginner, intermediate, or advanced astrophotographer, this detailed book of the best deep sky objects will serve as a personal guide for years to come! Discover which star clusters, nebulae, and galaxies are the easiest and most impressive to photograph for each season. Learn how to find each object in the night sky, and read our recommendations on imaging them in a quick and comprehensive way. Each target listed in this guide contains our advice on imaging, photos of expected results, and a useful information table. We've also included a few cool facts about each target, a map to find it in the night sky, and more!

Written for amateur astronomers just getting into this area of the subject, this is the perfect companion for first-time spectroscope users, with no heavy mathematics and with information on how to buy and use an entry-level spectroscope costing around \$150.

The Modern Astronomer's Guide

Grandad Mandela

Manga Melech

Forever Burn

Orion Cover

The Lost Constellations

The New York Times bestselling author of Ming Tea Murder serves up heists, homicides, and herbal blends in the latest in the Tea Shop mysteries. Catering a trunk show at Heart's Desire Jewelry is a shining achievement for Theodosia and the Indigo Tea Shop. After all, a slew of jewelers, museum curators, and private collectors will be there to sip some of Theo's best blends. Unfortunately, the party is crashed by a gang of masked muggers who steal the precious gems on display, and then disappear almost as quickly as they arrived--leaving a dead body in their wake. Theo gets involved in the case after her friend Brooke, aunt of the victim and owner of Heart's Desire, begs for help in figuring out who committed the brutal burglary. Though the FBI believes this smash and grab is the work of an international gang of jewel thieves, Theo is convinced that the felon is someone much closer to home... INCLUDES DELICIOUS RECIPES AND TEA TIME TIPS!

This new edition of Innovations in Food Packaging ensures that readers have the most current information on food packaging options, including active packaging, intelligent packaging, edible/biodegradable packaging, nanocomposites and other options for package design. Today's packaging not only contains and protects food, but where possible and appropriate, it can assist in inventory control, consumer education, increased market availability and shelf life, and even in ensuring the safety of the food product. As nanotechnology and other technologies have developed, new and important options for maximizing the role of packaging have emerged. This book specifically examines the whole range of modern packaging options. It covers edible packaging based on carbohydrates,

proteins, and lipids, antioxidative and antimicrobial packaging, and chemistry issues of food and food packaging, such as plasticization and polymer morphology. Professionals involved in food safety and shelf life, as well as researchers and students of food science, will find great value in this complete and updated overview. New to this edition: Over 60% updated content — including nine completely new chapters — with the latest developments in technology, processes and materials Now includes bioplastics, biopolymers, nanoparticles, and eco-design of packaging

A guide to coping with the medical, self-care, and emotional issues of spinal bifida, with an emphasis on becoming as independent as possible.

The Cambridge Photographic Moon Atlas

30-Second Brain

Hidden Treasure :.

Lunar Orbiter Photographic Atlas of the Near Side of the Moon

Nebulae and Comets

Nanofiltration: Principles and Applications