

## The Modern Amateur Astronomer The Patrick Moore Practical Astronomy Series

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### The Amateur Astronomer

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The Best Telescope for BEGINNERS (Visual Astronomy) Solar System through my Telescope *Which telescope to buy?* [Stargazing Astrophotography Session \(Home Observatory\)](#) *Inside Grande Pines Observatory: Top-of-the-line amateur astronomy* How To Choose A Beginner Telescope Amateur Astronomy Video 1 - Introduction *Getting oriented to better learn the night sky: Stargazing Basics 1 of 3* *How can amateur astronomers contribute to Black Hole research?* **This Backyard Astronomer Has Discovered 300 Asteroids and Counting** [Planet Kojima-1 Confirmed - Amateur Astronomer Discovery](#) [Amateur astronomers and the art of astrophotography](#) | [Iowa Outdoors](#) Deep Astronomy Bookshelf: Universal - A Guide to the Cosmos by Brian Cox \u0026 Jeff Foreshaw **GALILEO AND 400 YEARS OF TELESCOPIC ASTRONOMY - BOOK PROMO** **Amazing Interstellarum Deep Sky Guide/ Book Review Amateur Astronomer** | TBS The Modern Amateur Astronomer The

Buy The Modern Amateur Astronomer (The Patrick Moore Practical Astronomy Series) Softcover reprint of the original 1st ed. 1995 by Moore, Patrick (ISBN: 9783540199007) from Amazon's Book Store. Everyday low prices and free delivery on eligible orders.

The Modern Amateur Astronomer (The Patrick Moore Practical ...

The Guide to Modern Astronomy It's the Modern Astronomer's guide to getting started in amateur astronomy. This is THE place to start on the path to stargazing bliss.

Home - The Modern Astronomer

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A companion book, The Observational Amateur Astronomer, explains how to use a modest astronomical telescope for serious observing of the Moon, planets, stars and extragalactic objects.

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This book is designed to introduce the audience to Amateur Astronomy in a way that does not insult your intelligence. If you are serious about considering taking up amateur astronomy, you can certainly do worse than Sir Patrick Moore.

The Amateur Astronomer (Patrick Moore's Practical ...

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Those who have any experience with amateur astronomy have doubtless heard of Sir Patrick Moore. This is a follow-up to his classic introductory book on the subject, The Observational Amateur Astronomer.

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Amateur astronomy is a hobby where participants enjoy observing or imaging celestial objects in the sky using the unaided eye, binoculars, or telescopes. Even though scientific research may not be their primary goal, some amateur astronomers make contributions in doing citizen science, such as by monitoring variable stars, double stars sunspots, or occultations of stars by the Moon or asteroids, or by discovering transient astronomical events, such as comets, galactic novae or supernovae in othe

Amateur astronomy - Wikipedia

The Astronomical Society of the Pacific is the largest general astronomical society in the world, comprising both professional and amateur astronomers as well as educators from 70 different nations. Like any hobby , most people who think of themselves as amateur astronomers may devote a few hours a month to stargazing and reading the latest developments in research.

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## Astronomer - Wikipedia

Amateur astronomy societies are a great way of meeting fellow stargazers, whether you are just getting started in astronomy or are a seasoned observer. Advertisement Astronomy societies are a great way to learn, socialise and meet other members who are only too happy to share their experiences and knowledge.

## Amateur astronomy societies in the UK and Ireland: a guide ...

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## The Modern Amateur Astronomer: Moore, Patrick: Amazon.com ...

The modern amateur astronomer. [Patrick Moore;] -- Here is a comprehensive guide for every amateur astronomer who hopes to do more than just star-gaze. If you already own an astronomical telescope and want to know how to use it to the best effect, or ...

## The modern amateur astronomer (eBook, 1995) [WorldCat.org]

Ferris, an avid amateur observer himself, has spent the last few years visiting some prominent amateur astronomers, following them as they engage in what amounts to sophisticated research (for free), going to their star parties, looking at their photos, and just generally learning their stories.

## Seeing in the Dark: How Amateur Astronomers Are ...

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## The Observational Amateur Astronomer: Moore, Patrick ...

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## The Modern Amateur Astronomer eBook Free

Abstract. Many amateur astronomers own or have access to personal computers. They may be used for anything from word processing and report writing, through computing the precise position of a comet or asteroid, to recording and analysing images captured by CCD (charge-coupled device) cameras.

## Electronics and the Amateur Astronomer | SpringerLink

The largest modern Alt-Az mount... Most amateur astronomers fall in love with the telescope first- The telescope is what catches the light and creates the pictures we see with our eyes or cameras – but sooner or later we all learn that a solid and precise mount is the foundation for all observations....

## The Modern Alt-Az mount and Alt-Az astronomy - Telescope ...

This stunning discovery was the culmination of a decades-long arc of scientific and technical advancement. In its shadow lies the untold, inspirational

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backstory of the nineteenth-century amateur astronomers, inventors, and dreamers behind the birth of modern astronomy. Bellevue Literary Press / 400 pages / 101 illus. / July 2014

Along with its companion book, *The Observational Amateur Astronomer*, this is a comprehensive guide for every amateur astronomer who wants to do more than just stargaze. Each chapter has been written by a well-known professional or amateur astronomer, chosen for their specialist knowledge. Topics range from buying a telescope (or making your own), via electronic equipment and accessories, to more technical aspects such as spectroscopy and astrophotography. Patrick Moore has edited the book overall into his easy, comprehensible style - known to millions of television viewers.

This celebrity editor has brought together noted professional and amateur astronomers to submit chapters on their particular field of expertise, each describing how to observe a different class of object. The whole range of possibilities within reach of a small astronomical telescope is covered, from the moon to deep space. The book also shows how to gain the most enjoyment from a telescope, as well as its use for formal scientific observations, since astronomy is one of the few remaining areas of science where useful work can be carried out by non-professionals. The ideal companion to *The Modern Amateur Astronomer*.

Concise, highly readable book discusses the selection, set-up, and maintenance of a telescope; amateur studies of the sun; lunar topography and occultations; and more. 124 figures. 26 halftones. 37 tables.

Every amateur astronomer has at least heard of the many different catalogs of deep-sky objects; the most well known are the Messier, the Caldwell, the Herschel, and the NGC. All of these catalogs are, in general, readily available, but very few amateur observers are in a position to choose the best catalog for their particular deep-sky observing program, know how to use the catalog, or even realize just how many there are out there! *The Amateur Astronomer's Guide to the Deep-sky Catalogs* is a single compilation of the historical and modern astronomical deep-sky catalogs. It discusses their origins, compares what's in them, explains how to interpret the data they contain, and even outlines how readers can create suitable 'custom' catalogs for their own use. The last section provides a set of three deep-sky catalogs created by the author, for observers of different levels of experience, from newcomer to expert.

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Amateur astronomy has changed beyond recognition in less than two decades. The reason is, of course, technology. Affordable high-quality telescopes, computer-controlled 'go to' mountings, autoguiders, CCD cameras, video, and (as always) computers and the Internet, are just a few of the advances that have revolutionized astronomy for the twenty-first century. Martin Mobberley first looks at the basics before going into an in-depth study of what's available commercially. He then moves on to the revolutionary possibilities that are open to amateurs, from imaging, through spectroscopy and photometry, to patrolling for near-earth objects - the search for comets and asteroids that may come close to, or even hit, the earth. The New Amateur Astronomer is a road map of the new astronomy, equally suitable for newcomers who want an introduction, or old hands who need to keep abreast of innovations. From the reviews: "This is one of several dozen books in Patrick Moore's "Practical Astronomy" series. Amid this large family, Mobberley finds his niche: the beginning high-tech amateur. The book's first half discusses equipment: computer-driven telescopes, CCD cameras, imaging processing software, etc. This market is changing every bit as rapidly as the computer world, so these details will be current for only a year or two. The rest of the book offers an overview of scientific projects that serious amateurs are carrying out these days. Throughout, basic formulas and technical terms are provided as needed, without formal derivations. An appendix with useful references and Web sites is also included. Readers will need more than this book if they are considering a plunge into high-tech amateur astronomy, but it certainly will whet their appetites. Mobberley's most valuable advice will save the book's owner many times its cover price: buy a quality telescope from a reputable dealer and install it in a simple shelter so it can be used with as little set-up time as possible. A poor purchase choice and the hassle of setting up are why most fancy telescopes gather dust in their owners' dens. Summing Up: Highly recommended. General readers; lower- and upper-division undergraduates." ( T. D. Oswalt, CHOICE, March 2005)

Astrophysics is often - with some justification - regarded as incomprehensible without at least degree-level mathematics. Consequently, many amateur astronomers skip the math, and miss out on the fascinating fundamentals of the subject. In *Astrophysics Is Easy!* Mike Inglis takes a quantitative approach to astrophysics that cuts through the incomprehensible mathematics, and explains the basics of astrophysics in accessible terms. The reader can view objects under discussion with commercial amateur equipment.

Introduction to the night sky and the principles of naked-eye astronomy using only elementary mathematics.

A unique guide introducing the latest modern resources available to amateur observers.

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