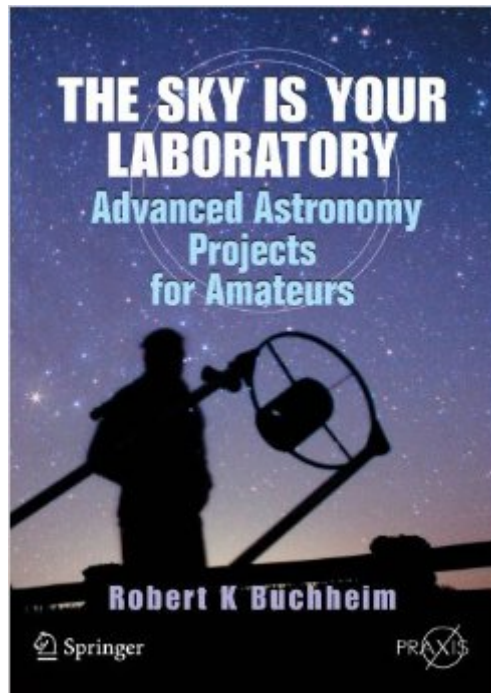


The book was found

The Sky Is Your Laboratory: Advanced Astronomy Projects For Amateurs (Springer Praxis Books)



Synopsis

For the experienced amateur astronomer who is wondering if there is something useful, valuable, and permanent that can be done with his or her observational skills, the answer is, "Yes, there is!" • This is THE book for the amateur astronomer who is ready to take the next step in his or her astronomical journey. Till now there has been no text that points curious amateur astronomers to the research possibilities open to them. At the 2006 meeting of the Society for Astronomical Sciences, participants agreed that the lack of such a text was a serious gap in the astronomical book market. This book plugs that hole.

Book Information

Series: Springer Praxis Books

Paperback: 302 pages

Publisher: Praxis; 2007 edition (July 31, 2007)

Language: English

ISBN-10: 0387718222

ISBN-13: 978-0387718224

Product Dimensions: 6.7 x 0.7 x 9.4 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars • See all reviews (13 customer reviews)

Best Sellers Rank: #297,204 in Books (See Top 100 in Books) #14 in Books > Science & Math > Astronomy & Space Science > Comets, Meteors & Asteroids #102 in Books > Science & Math > Astronomy & Space Science > Star-Gazing #110 in Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects

Customer Reviews

This is a really neat book! It opens up a whole new kind of amateur astronomy; real research projects where you make observations that are useful to professional astronomers. Amateur astronomers can gather new information or make new discoveries, using skills that are common among experienced stargazers, and equipment that is widely available. Here is a step-by-step instruction manual for getting started in these projects, from learning why each project area is important, to the equipment and procedures that are needed, and how to analyze your results. The chapters are organized roughly in order of increasing difficulty of the projects, from simple (naked-eye meteor counting) to complex (extra solar planet searches and supernova discovery). I was particularly pleased that each project includes an explanation of how and where to

submit your results, so that they will be useful to "real" astronomers. I do not think there is any comparable book available. There are plenty of "advanced observing guides", and many "textbooks", but this book fits right in between them. It gives careful description of celestial objects or events, and how and why you should try to see them, so it's sort of an observing guide (although there are not any spectacular photos). It also explains why the observations are important, and gives a meticulous explanation of the data gathering and analysis procedures for each project, so it is sort of a textbook. But it is not stuffy, pedantic tome. The style is friendly, helpful and encouraging. There are some equations, but if you made it through high school algebra they will not give you any trouble (and only some projects require you to use them). There is even a story line! Short tales about challenges, successes, and memorable experiences are scattered throughout the text.

[Download to continue reading...](#)

The Sky is Your Laboratory: Advanced Astronomy Projects for Amateurs (Springer Praxis Books)
Astronomy: Astronomy for Beginners: The Magical Science of Stars, Galaxies, Planets, Black Holes, Wormholes and much, much more! (Astronomy, Astronomy Textbook, Astronomy for Beginners)
DIY Woodworking Projects: 20 Easy Woodworking Projects For Beginners: (Woodworking Projects to Make with Your Family, Making Fun and Creative Projects, ... projects, wooden toy plans, wooden ships)
The Apollo Guidance Computer: Architecture and Operation (Springer Praxis Books)
Star Maps: History, Artistry, and Cartography (Springer Praxis Books)
How Apollo Flew to the Moon (Springer Praxis Books)
Exploring the Moon: The Apollo Expeditions (Springer Praxis Books / Space Exploration)
The Moon: Resources, Future Development and Settlement (Springer Praxis Books)
Planet Mars: Story of Another World (Springer Praxis Books)
Celestial Mechanics: The Waltz of the Planets (Springer Praxis Books)
Matter, Dark Matter, and Anti-Matter: In Search of the Hidden Universe (Springer Praxis Books)
Astronomy with Small Telescopes: Up to 5-inch, 125mm (The Patrick Moore Practical Astronomy Series)
Visual Astronomy of the Deep Sky
Mystic Montana Sky (The Montana Sky Series Book 6)
Glorious Montana Sky (The Montana Sky Series Book 4)
Woodworking: Woodworking Projects and Plans for Beginners: Step by Step to Start Your Own Woodworking Projects Today (WoodWorking, Woodworking Projects, Beginners, Step by Step)
Jokes For Kids - Joke Books : Funny Books : Kids Books : Books for kids age 9 12 : Best Jokes 2016 (kids books, jokes for kids, books for kids 9-12, ... funny jokes, funny jokes for kids) (Volume 1)
Arm Knitting: 24 Simple and Popular Arm Knitting Patterns: (Modern Crochet, Knitting Projects, Cochet Projects, DIY Projects, Crochet For Beginners, Crochet ... Tunisian Crochet, Make Money With Crochet)
Crochet Pillow Cases: 15 Beautiful Crochet Pillow Case Projects: (Crochet Projects for Your Home, How to Crochet a Granny

Square) (Easy Crochet Patterns, Crochet Books) Modern Crochet For Women: 19 Amazing Crochet Projects For You And Your Home: (Crochet patterns, Crochet books, Crochet for beginners, Crochet for Dummies, ... beginner's guide, step-by-step projects)

[Dmca](#)