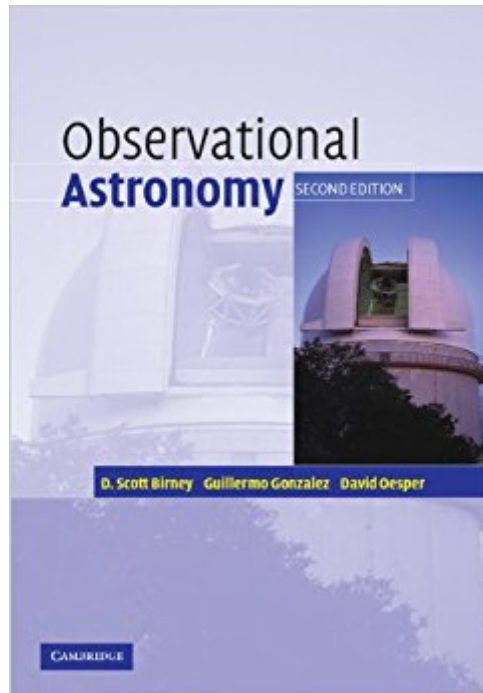




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Observational Astronomy



Synopsis

The long-awaited second edition of this well-received textbook gives a thorough introduction to observational astronomy. Starting with the basics of positional astronomy and systems of time, it continues with charts and catalogs covering both historically important publications and modern electronic databases. The book builds on a fundamental discussion of the basics of light and the effects of the atmosphere on astronomical observations. Chapters include discussions of optical telescopes, detectors, photometry, variable stars, astrometry, spectroscopy, and solar observations. This edition contains new discussions of measurements with CCDs and appendices give basic statistical methods, useful astronomical software and websites, and sources of accurate time-calibration signals. Observational Astronomy is the perfect textbook for upper level undergraduate or beginning graduate courses on astronomy. Examples based on real astronomical data are placed throughout the text. Each of the well-illustrated chapters is supported by a set of graduated problems and suggestions for further reading.

Book Information

File Size: 16480 KB

Print Length: 323 pages

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: Cambridge University Press; 2 edition (June 29, 2006)

Publication Date: June 29, 2006

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00L4CPE1S

Text-to-Speech: Enabled

X-Ray for Textbooks: Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #337,630 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #45

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Customer Reviews

Some may find this book a bit dated as it pertains to charts, but the contents are solid and covered in enough detail to delight the more serious amateur. This is the only one of my texts on astronomy that shows how to use spherical trig!

As described and very quick shipping.

This was a book required for the class I was taking in school. It was very interesting as a supplement to the class

The contents are okay but this book is too easy for graduate student levels. I think this will be a good textbook for 1-2 year students in college.

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