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Astronomical Spectroscopy for Amateurs

By Ken M. Harrison

Springer. Paperback. Book Condition: New. Paperback. 242 pages. Dimensions: 9.0in. x 6.1in. x 0.7in. 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 spectroscopes and an introduction to the theory of stellar spectra, the book goes on to examine the various types of spectroscopes available to amateurs. Next, practical sections address all aspects of setting-up and using various types of commercially-available and home-built spectroscopes. A final part gives detailed instructions for the design and construction of three different spectroscopes, along with the necessary design theory (minimal math). The home-made spectroscopes 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. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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