



## Daytime and Evening Exercises in Astronomy, for Schools and Colleges

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By Sarah Frances Whiting

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1912 edition. Excerpt: .at lower temperature will absorb light given out by the same at higher temperature. If white light be transmitted through vapors at lower temperature, it will be deprived of the wave lengths characteristic of each vapor. It will give a broken spectrum. 4. A widening of lines in general indicates that the source of light is undergoing pressure. 5. Doppler s principle. A displacement of lines toward the red end of the spectrum indicates that the source of light is receding; a displacement toward the blue, that the source is approaching. 6. A coincidence of reversed lines in the spectrum of sun or star, with bright lines obtained from some element in the laboratory, indicates the presence of that element. 7. Zeeman s principle. If a source of light is placed in a magnetic field, the simple lines of its spectrum will be resolved...



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