Measuring the Brightnesses of Stars


Understanding the Spectra of Stars

Understanding the Spectra of Stars (continued)

Kirchhoff's laws for the formation of spectra of different types. Stellar spectra -- their features and how they are classified (OBAFGKM). Spectral classification and temperature.

The Sun


Binary Stars and Stellar Masses

Types of binary stars: apparent, visual, spectroscopic, eclipsing. Method to measure stellar masses using binary stars. Light curves. Parallax as a method to measure stellar distances.