The Hertzsprung-Russell Diagram

H-R Diagram: axes, regions in the diagram, luminosity classes. Stellar radii and the H-R diagram. \( L = 4\pi R^2 \sigma T^4 \). Using the H-R diagram to understand stellar evolution. H-R diagram and the ages of star clusters. Isochrones. Spectroscopic parallax as a method to measure distances.

Stellar Evolution

Stellar Evolution (continued)


Stellar Evolution (continued)