

Swihart Ch. 6 Main Concepts

Parallax

Luminosity vs. apparent brightness (flux)

Apparent magnitude and flux

Absolute magnitude

Distance modulus

"Color" and temperature from magnitudes

Absorption and scattering of starlight (correction of magnitudes and color)

Atmospheric attenuation (airmass, zenith angle, optical depth)

Interstellar dust extinction (color excess)

HR diagram for stars