



STELLAR SPECTRUM

To Do:

- Redshift
- HR Diagram
- Exoplanet Data

ASTROPHYSICS
COSMOLOGY
SKY'S AND GAL

THE LIGHT OF STARS
GALACTIC STRUCTURE
BLACK HOLES

Hydrogen Emission Lines

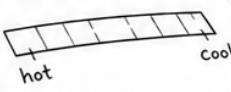
Balmer Series

$$\frac{1}{\lambda} = R \left(\frac{1}{2^2} - \frac{1}{n^2} \right)$$



Stellar Classification

O B A F G K M



Luminosity

$$L = 4 \pi R^2 \sigma T^4$$

