





Do stars live forever?

Do stars have the same brightness throughout their lives?

Why might the brightness of stars vary over time?

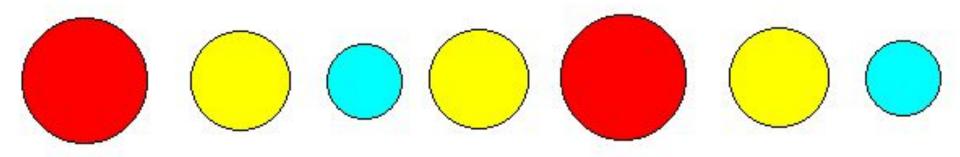
Mechanisms for periodic variables:

Star pulsates

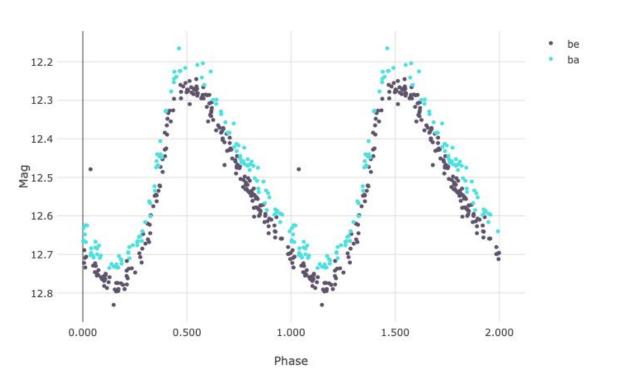
Star has dark spots on it and it rotates into and out of view

Eclipsing binary star system

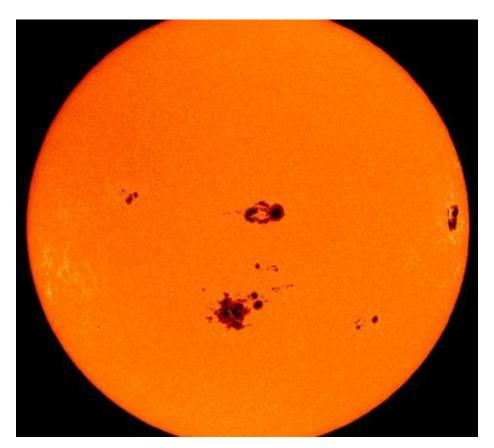
RR Lyrae



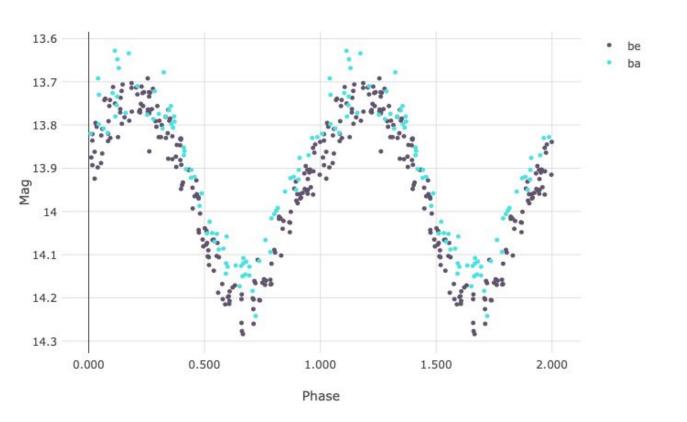
RR Lyrae

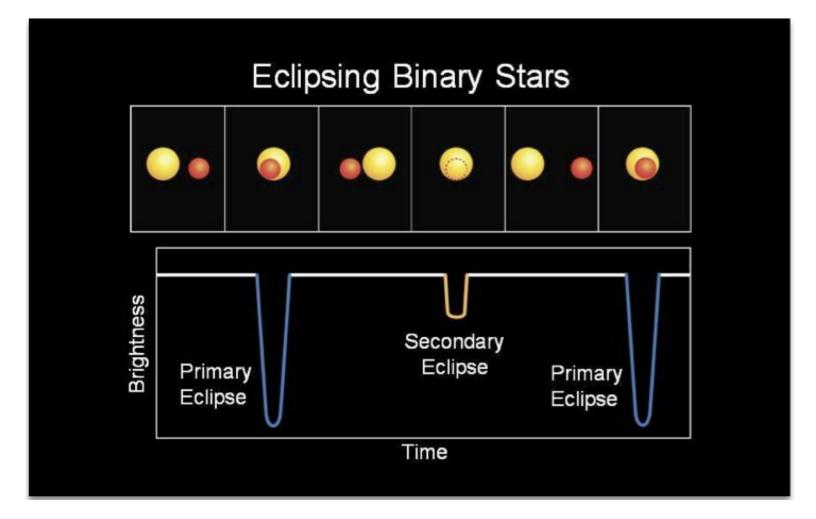


Rotational Variable



Rotational Variable





Eclipsing Binary

