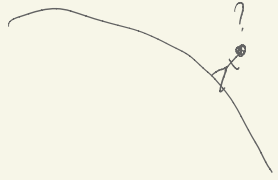


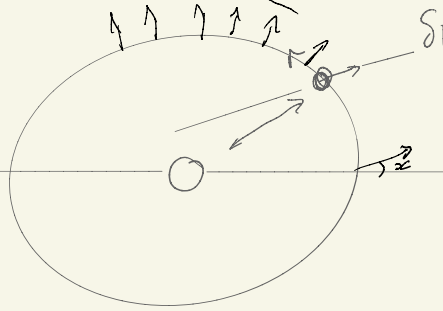
Sistema conservativo

$$m \ddot{\vec{r}} = -\nabla U(\vec{r})$$

¿Porqué la luna siempre muestra la misma cara hacia la tierra?



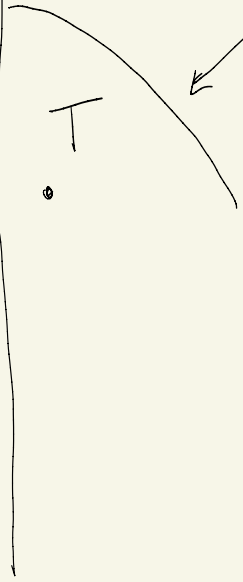
Sistema de 2 cuerpos



Sistema de órbita-espín

$$m \ddot{\vec{x}} = -\nabla U(\vec{x})$$

Peale



$m \ddot{\vec{x}} = -\nabla U(\vec{x}) - \alpha \dot{\vec{x}}$

Torcas de Marea.

