

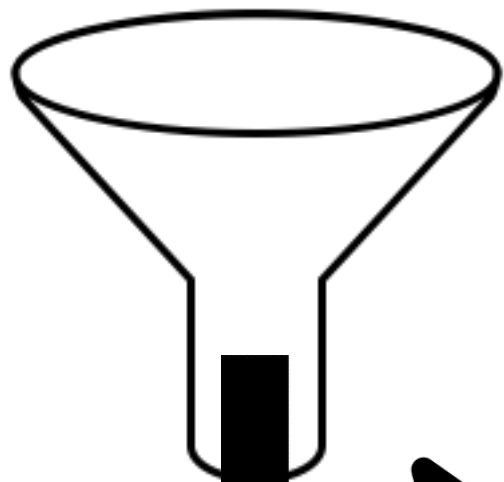
First-order principles

$$\mathbf{f} = m\dot{\mathbf{v}}$$

$$\boldsymbol{\tau} = \mathbf{I}\dot{\boldsymbol{\omega}} + \boldsymbol{\omega} \times \mathbf{I}\boldsymbol{\omega}$$

$$\mathbf{v} = \boldsymbol{\omega} \times \mathbf{r} + \mathbf{v}_0$$

$$\dot{\mathbf{v}} = \dot{\boldsymbol{\omega}} \times \mathbf{r} + \boldsymbol{\omega} \times \boldsymbol{\omega} \times \mathbf{r} + \dot{\mathbf{v}}_0$$



FOPnet

Data-aided learning techniques

