

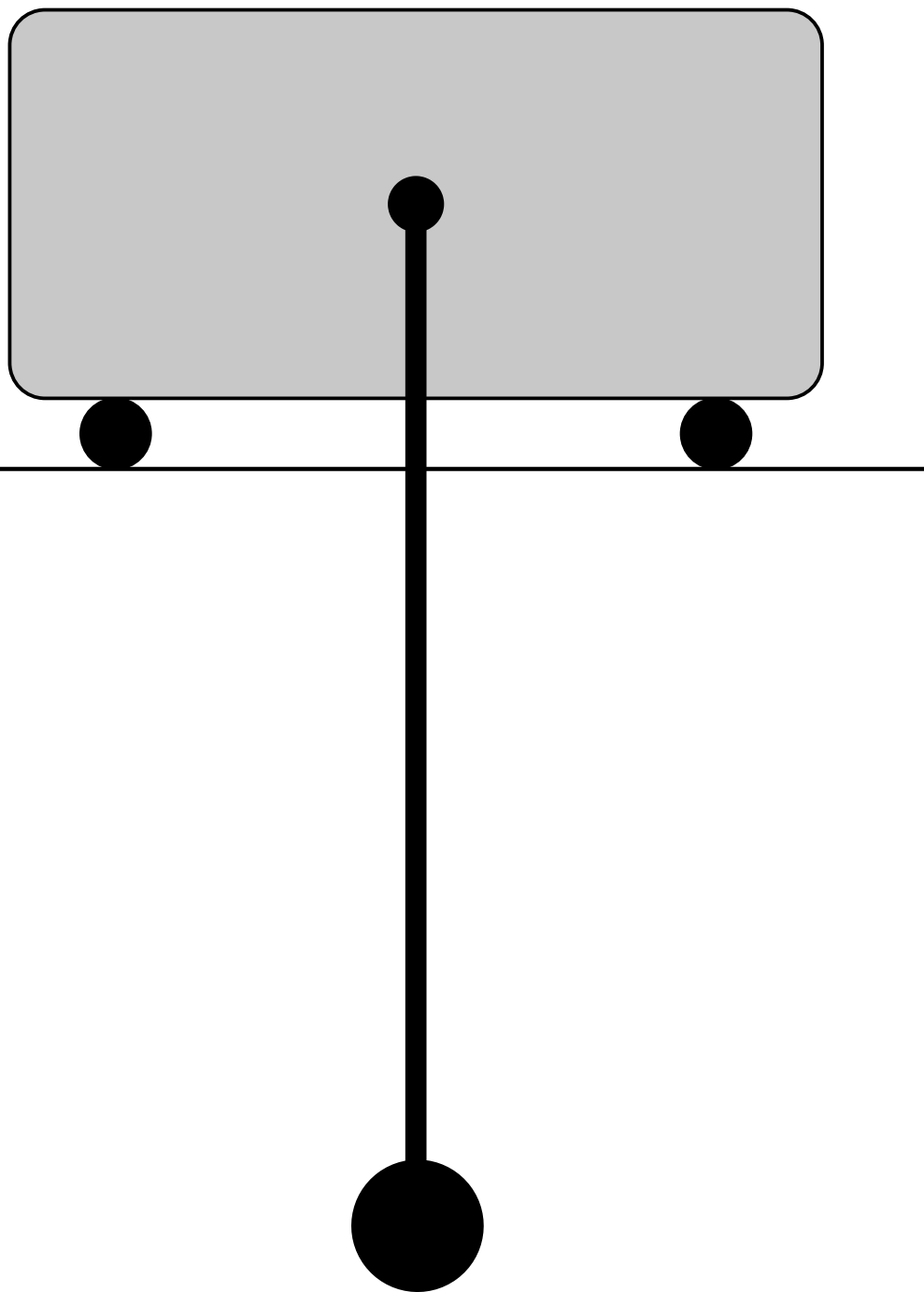
Posição inicial

$$d(0) = 0 \text{ m}$$

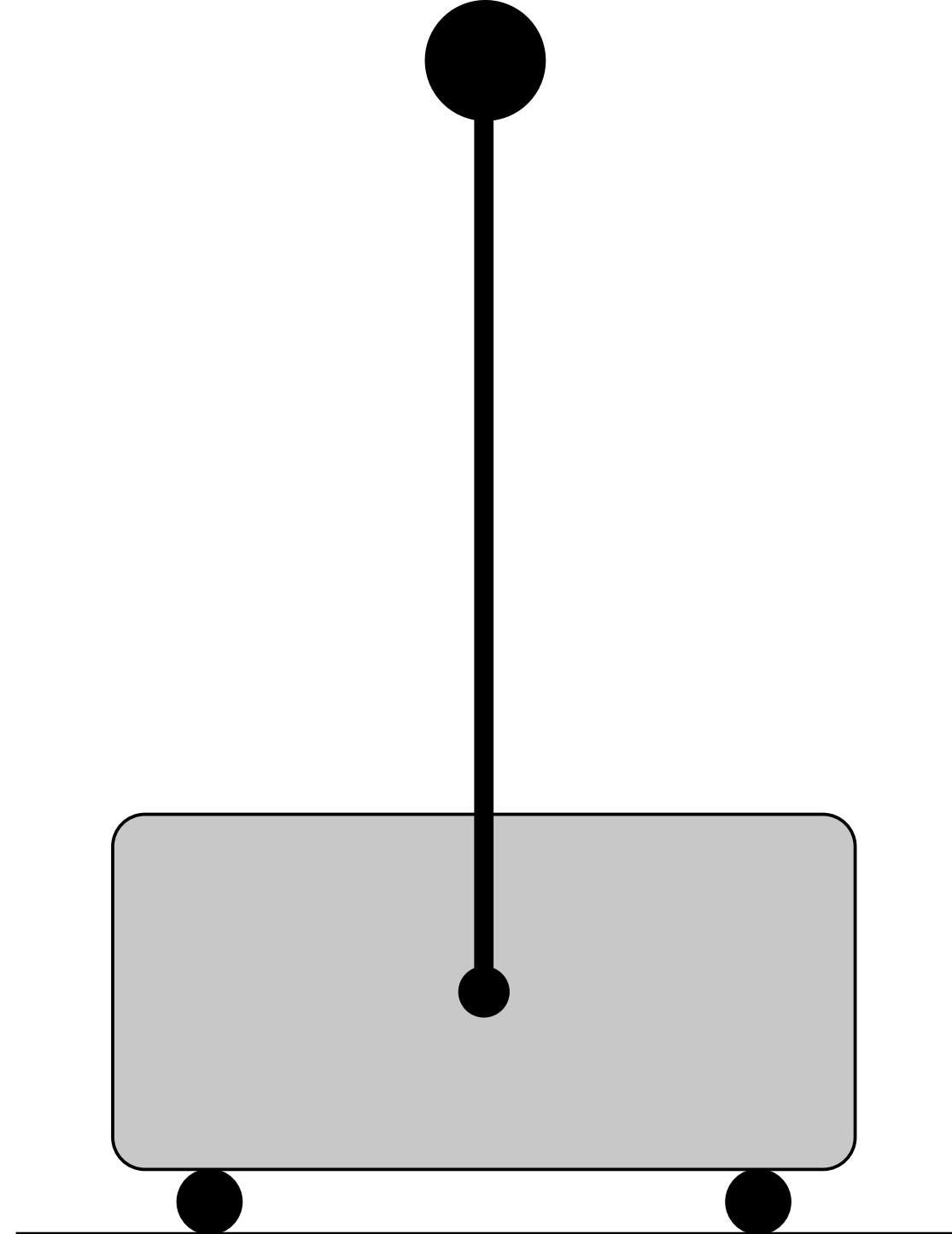
$$v(0) = 0 \text{ m/s}$$

$$\theta(0) = 0 \text{ rad}$$

$$\omega(0) = 0 \text{ rad/s}$$



...



Posição final

$$d(t_f) = d_f$$

$$v(t_f) = 0 \text{ m/s}$$

$$\theta(t_f) = \pi \text{ rad}$$

$$\omega(t_f) = 0 \text{ rad/s}$$