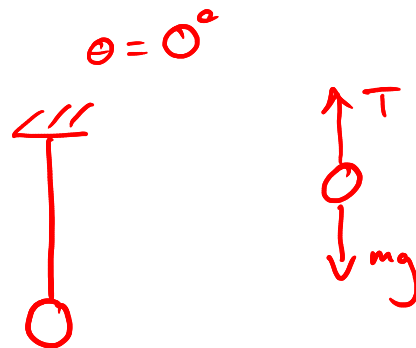
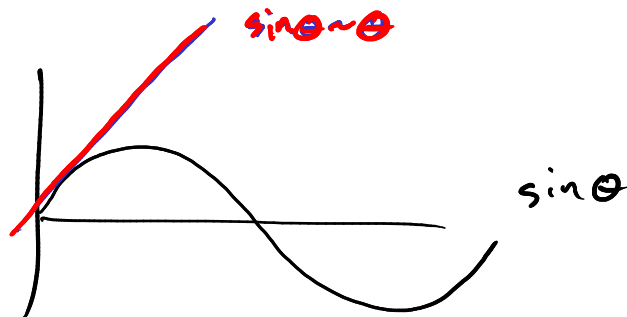


$$f_1 = \frac{1}{T_1}$$

$$f_2 = \frac{1}{T_2}$$

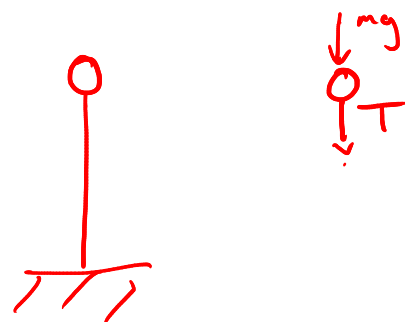
$$\omega_1 = 2\pi f_1$$

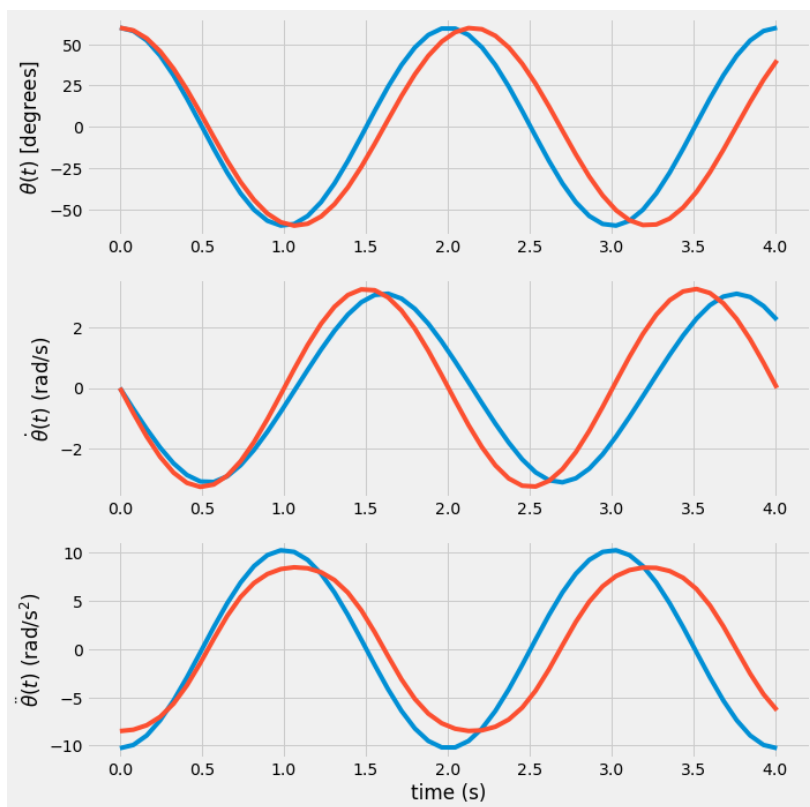
$$\omega_2 = 2\pi f_2$$



vs

$$\theta = 180^\circ$$





position (θ)

velocity ($\dot{\theta}$)

acceleration ($\ddot{\theta}$)