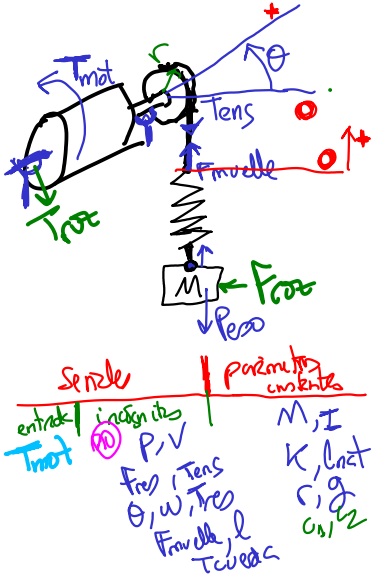




ec. de estado no normalizadas

$$\frac{d\theta}{dt} = \omega$$

$$\frac{d\omega}{dt} = \frac{1}{I} \cdot T_{res}$$

$$\frac{dP}{dt} = \frac{1}{M} \cdot F_{res}$$

$$F_{muelle} = K \cdot (l - l_{nat})$$

$$F_{muelle} = T_{res}$$

$$l = r\theta - p$$

$$F_{res} = +F_{muelle} - M \cdot g - c_2 \cdot v$$

$$T_{res} = T_{mot} - T_{weck}$$

$$T_{weck} = T_{res} \cdot r$$

Presentación en vídeo:

<https://personales.upv.es/asala/YT/V/mpmm1.html>