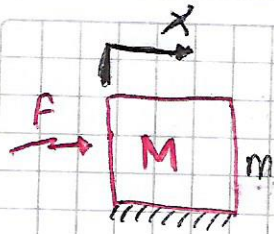


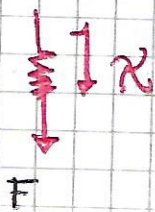
Ludovico Eduardo Pérez J.

14/01/20

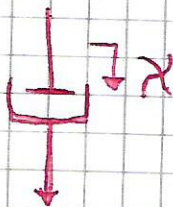


$$f = m \frac{dx^2}{dt^2}$$

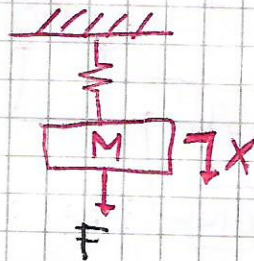
$$F = ma$$



$$F = Kx$$



$$F = \beta \frac{dx}{dt}$$



$$F = F_k + F_m$$

$$F = \beta \frac{dx}{dt} + m \frac{d^2x}{dt^2}$$

$$\textcircled{2} F = \beta xs + m xs^2$$

$$\textcircled{3} F = x(\beta s + ms^2)$$

$$\frac{x}{F} = \frac{1}{\beta s + ms^2}$$

