5/11/2.

I) 
$$f = -m\gamma v \hat{v}$$

$$\frac{\nabla}{\nabla} = \frac{3m |a| (e - e)}{\sqrt{1 - 1}}$$

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$$\frac{d}{dx} \left( l_n(x) \right) = \frac{1}{x}$$

$$\frac{d}{dt}\left(\ln\left(9-2\pi\right)\right) = \frac{-n\frac{dv}{4t}}{9-2\pi v}$$

$$= V = \frac{9}{7} \left( 1 - e^{-3t} \right)$$

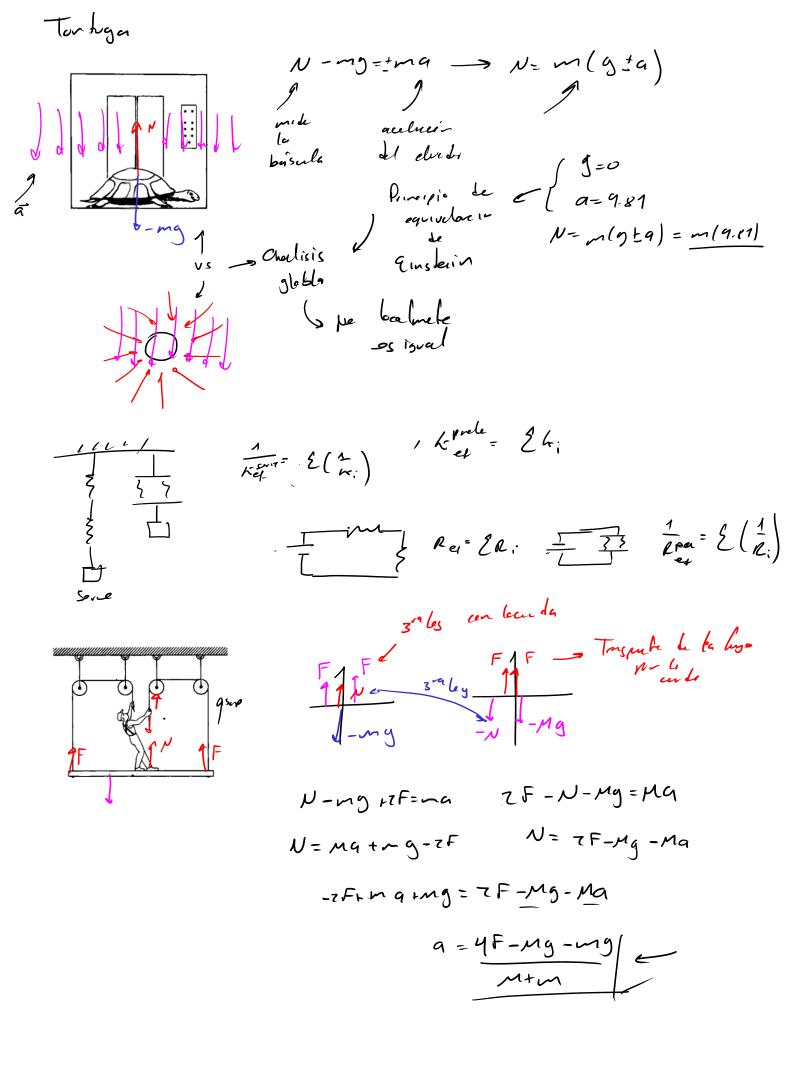
$$\frac{-\frac{dv}{dt} = -g + \pi v}{-\frac{r}{v+g} \frac{dv}{dt} = -\pi = \frac{d}{dt} \left( \ln(s-\pi v) \right)$$

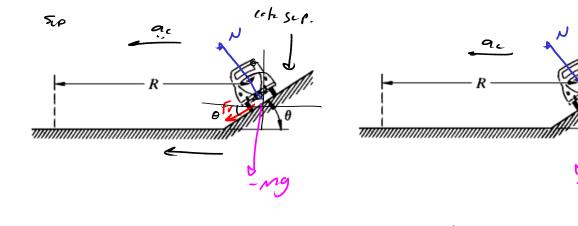
$$t = \int rdt = \int rt = \int \frac{1}{dt} \ln(9 - \gamma v) dt$$

$$V = \frac{dy}{dt} \implies \int V dt = y - h = \frac{9}{3} \int (1 - \frac{e^{xt}}{2}) dt$$

$$= \frac{9}{3} \left[ \left[ \frac{t}{0} - \frac{1}{3} - \frac{e^{xt}}{3} \right] \right]$$

$$y - h = \frac{9}{3} \left[ \frac{t}{1} + \frac{1}{3} e^{xt} - 1 \right]$$



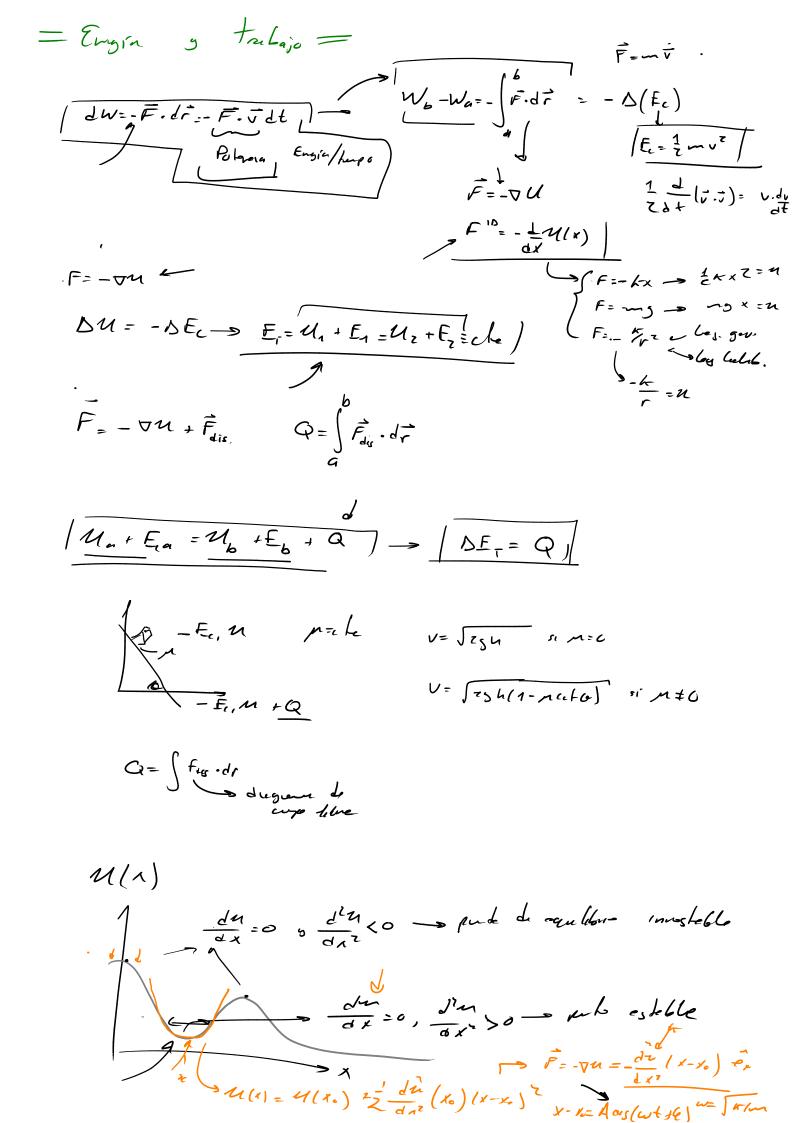


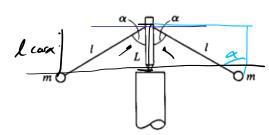
ms = N (ceso - mono) ms = N(aso+ nsino)

- mac = MNiga - Nonel

$$V^{7} = -R^{9} \frac{\left(\text{musG-sub}\right)}{\text{asotmente}} = 0$$

Si M=1, 6=45 - Vmm > 0 > V > Vmm > 0





$$M: bood$$

$$= l \cos(\alpha + \theta)$$

$$= l \cos(\alpha - \theta)$$

$$= l \cos(\alpha -$$

$$\frac{dn}{da} = 0 = (71-7lesa)mg(-sna)$$

$$0(1) \Rightarrow aso = 1 - \frac{\sigma^2}{2}$$

$$0 = 0, \pi$$

$$\frac{d^{2}n}{d\theta} = -\frac{n_{0}(\log n - l)}{n_{0}} \left(1 - \frac{d}{2}\right)$$

$$= -\frac{n_{0} - n_{0}}{2}$$

$$= -\frac{n_{0} - n_{0}}{2}$$

$$= -\frac{1}{2} \frac{d}{d\theta} \left(\frac{n_{0}}{2}\right) = -\frac{n_{0}}{2}$$

$$\frac{O = -\frac{mclo}{m}}{O} \Rightarrow O = Aas(wt+6)$$

$$\omega = \int \frac{lmc}{m}$$