

4 m20 = 47 = 7 = -mg 250 = -95 ind

2.

 $K = \frac{m}{2} P (\varphi^2 + 5^2 \varphi)^2$

 $\frac{d}{dt} \int_{0}^{t} L = \partial_{0} L = 0 \Rightarrow (st. =)_{0}^{t} - m \int_{0}^{t} s^{2} (0)$ E = K - Meff. port 2.

u = mg g(cos4-1)

Cálculo variacional

ejemplo: lineas en el plano

podemos caracterizar lineas como:

1. $\ddot{x} = \ddot{y} = 0$

2. ax + by + c = 0

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