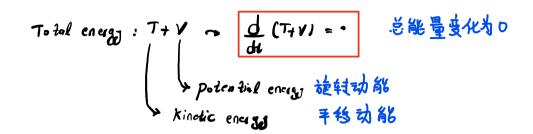
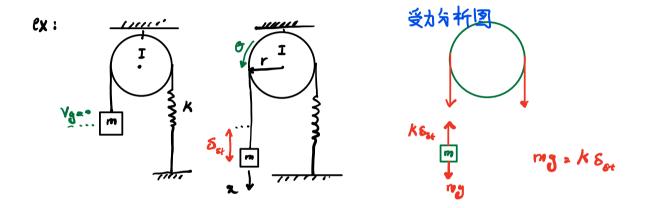
Enargy Method: (天阳尼+摩擦)
For a Conservative System (No deoping or fliction), We Go use the principle of Conservation energi.





Soln: *移 Tblock = ½m22 }~ T=Tblock + Tp = ½m22+½102
放射 Tpoda = ½ 702

勞化:

對性 $V_s \cdot \chi_s k(z+\delta_{s+})^2$ $\int \sim V_z V_{s+} V_{g} = \chi_s k(z+\delta_{s+})^2 - \log(z+\delta_{s})$ 姚: €h Vg = -mg(4+δ_{ε+})

Total carea: T+V = 1/2 mi + 1/2 + 1/2 K(e+ Ss.) - mg (e+ Se4)

Geomotic Constinion: PO=2 几何天联

Energy Method: d (Tay) = m22 + 766 + K (2486+)2 - mg2

dire = i ~ re= i

duo z ~ vo z

d (T+V) = mr 00 + 100+ kr 00 + K8 ro - mg ro

• my 00+ 100 + ky 00 = 0

= (m/+1) \(\text{\tin}\text{\ti}\\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}}\\ \text{\text{\text{\texi}\text{\texitile}}\text{\text{\texitile}}\text{\text{\texitile}}\text{\text{\texitile}\text{\texi{\ti}\text{\text{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\te