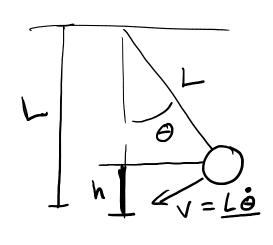
Per (1) (mgcos⊕)-T =-mre2 è 0 0 = - 9 sino  $T = mr\dot{\theta}^2 + mg\cos\theta$ Twox => when 0=0



$$T+V = \int W dt$$

$$2ml^2 \dot{\theta}^2 + mgL(1-cos\theta) = constant$$