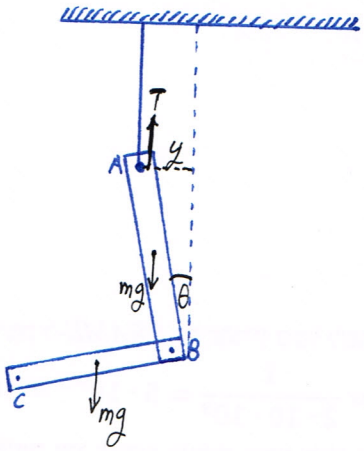

$y = L \cdot \sin\theta$

$\sum \tau_B = 0 \Rightarrow -T \cdot y + \frac{L}{2} \cdot mg \sin\theta + \frac{L}{2} \cdot mg \sin\theta = 0$

$\Rightarrow mgL \sin\theta = Ty = (2mg) \cdot L \sin\theta$

τ_0