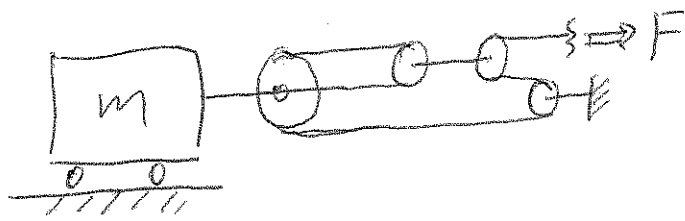
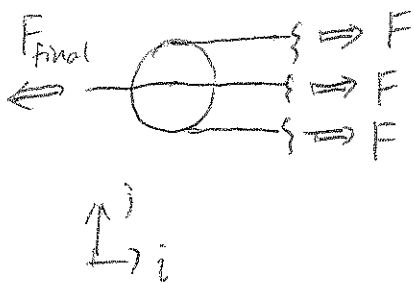


6.2.25



Find force amplification!

FBD



The tensions in the same rope are the same!

$$\{\Sigma \vec{F} = 0\} \cdot i$$

$$F_{\text{final}} = 3F$$

So force amplification = 3