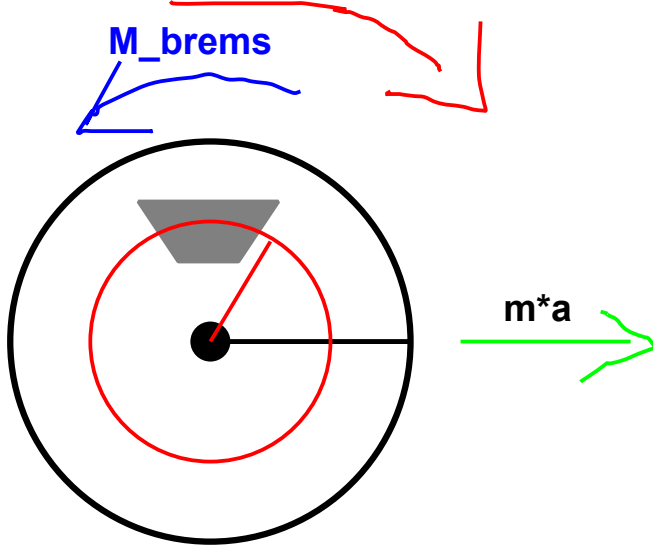


$m, M_{\text{brems}}, r_{\text{rad}}, r_{\text{brems}}$



$$m \cdot a = \text{Summe}(F_i)$$

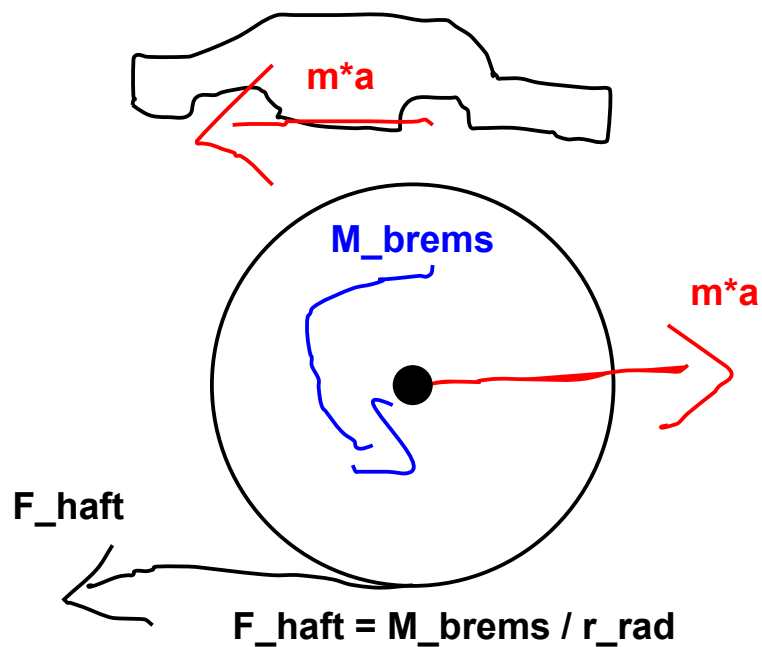
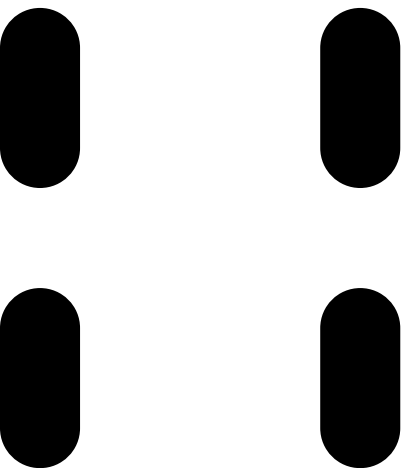
$$a = M_{\text{brems}} / r_{\text{brems}} / m$$

$$M_{\text{brems}} = 4 \cdot c_p \cdot p_{\text{brems}}$$

$$M_{\text{brems},i} = c_{p,i} \cdot p_{\text{brems}}$$

$$F_{\text{brems},i} = M_{\text{brems},i} / r_{\text{brems},i}$$

$$F_{\text{brems,ges}} = \text{Summe}(F_{\text{brems},i})$$



$$a = F_{\text{haft}} / m$$

