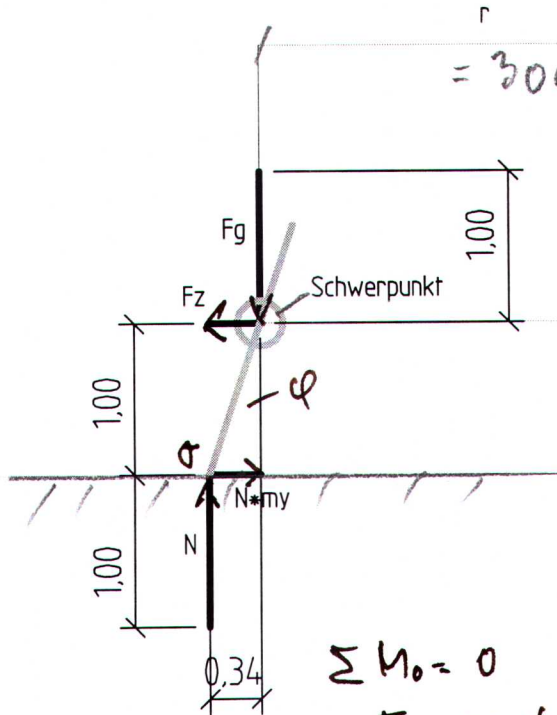
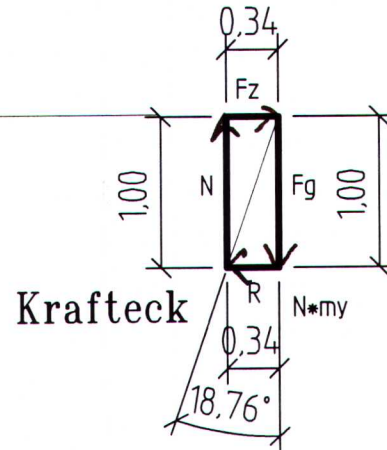


Motorradfahrer in einer Kreisbahn



$$v = 36 \text{ km/h}$$

$$F_z = m \cdot r \cdot \omega^2 \quad \omega = \frac{v}{r}$$



$$\sum M_0 = 0$$

$$F_g \cdot 0.34 = F_z \cdot 1 \quad F_g = "1" \text{ angenommen}$$

$$\mu_0 = 0.34 \quad \varphi = 18.76^\circ$$

Leistung verbleibend

09.08.2021