

for nex w. switch sign of fs (think about Why fo was that way before) force equations oro: y: Na - my cost - Fe sind = 0  $\chi$ : +fs - Fc cost + mg sind = 0 solve for Fe again:  $F_c = m_1 \frac{(sin\theta + \mu_s \cos\theta)}{(\cos\theta - \mu_s \sin\theta)}$ and our max w W= + 12 1 1: NO + 1, COSO - 4, SINO Wrax 7 Wris V does this work? What about  $\theta = 0$ When isn't defined Wrax = + Tops

what about 0 = M/2

Wrin = + Varps

Wrax isn't defined \( \sigma \)