

$$mg \frac{L}{2}$$

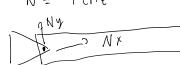
$$mg = \frac{1}{3} \cdot mg = \frac{(N+n)0}{2m\theta}$$

 $T = \frac{(m+M)g}{ent} < f(n)$ ent ent

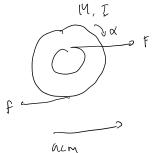
J > H on

V G nt = fm. ((m+ fm) 8)

N= Tcrit







$$ZF = M.acn$$

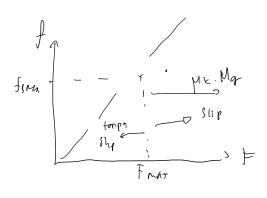
 $F - f = M.acm$
 $ZT = I.d$

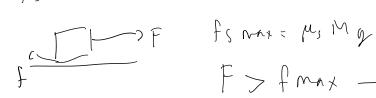
$$E = M.am$$

 $E - f = M.am$
 $FR - Fr = I \propto$

$$Fr + fR = IA$$

$$at = \frac{1-x}{1+1c} \frac{F}{M}$$





F > f max - o regente -> f knepre = Mx My

$$f = \frac{k-\alpha}{1+k}$$
 $F \leq f_{s} mnx$ $\frac{k-\alpha}{1+k}$ $F \leq M_{s} m_{s}$