

dd 0 - dT cos d= Tx -> Tx = Tcos h m.a=Tx-Ftr ma=Ticosd-fuilmig-sind.T]] matumg = Toosd + Tusind T= m(a+ u·g) usind toosd dt - mla+ m.g). (pcosd-sind) - 0 (pasind+cosd)2 Mcosd-sind=0 M = tg d d=arctq 4 + m = 10 t = 10 000 kg ~= 1 km/s = 1000 m/s F=10 KN = 10 000 N=Fop £ (\$ \$ = 600) = ? w=dp ->dp=wdt/S A O = w · t -> w = A O Fepim.v ~= w. R -> R= ~= ~ t Fcp = m·v2 = m·n·sot= m. v. Do Fop = 10 000 · 1000 · $\frac{\chi}{3}$ _ 1000 \tau _ 1047.198 s 10 000