



W1 = 0.4mg W2 = 1.2mg.

JMD=0: YAID XTAJ + YEID X(-W.J)+YFID X(-W.J) + tCID XTCJ=0 (-0.47+0.06k) XTAJ + (-0.41+0.3k) x(-WJ)+0.27 X(-WJ) +0.87 XTCJ=0 -0.47Ak-0.6TAT+0.4W1k+0.2W,T-0.2W2k+0.8Tck=0

T: -0. bTA +013W, =0 , TA = \frac{1}{2}W_1 = \frac{1}{2}O_1bm/g = 013m/g

K: -0,4TA+0.4W, -0,2W2 +0,8Tc=0

-0.4(0,3mg) +0,4(0,6mg) -0,2(1,2mg) +0.8Tc=0

 $Tc = \frac{(0.12 - 0.24 - 0.24)mg}{0.8} = 0.15mg$

IFY=0: TA+TC+TB-W,-W2=0
0,3mg+0,15mg+Tp-0,6mg-1.2mg=0, Tp=1,35mg

m'a = (8kg/m) 19,81m/s2) = 18,480 N/m

TA = 0,3m'g = 0,3×18.480 = 23,50

Tc = 0,15m' = 0,15×18,480 = 11,711N

To - 135mg = 1,35×18.480 = 105.9N