G

PHYZO482. Solutions to Practice Duz 2.

Problem 1: No lunge is specified so axis of ratation = CM

a: Bith boyus are negative, they cannot cancel. bi A11 11 11 postice, it

[c,d,e,f]

Problem 2: £Fx=0 1£F3=0 / £Z=0

F-1000 +Px=0 Py -2000=0

 $P_{x} = 0$   $P_{x} = 2000 - 26(F) + 262000$ 

-(3)(2000) = 0

(F = 1000 N)

Problem 3.

(9) L==md(xy)(-2x-s) = md(y) k = md(gt) k

(1) = rxF= dmg(-2x=3) = dmgk

O de = d(md str = mdg k = Zz yes o