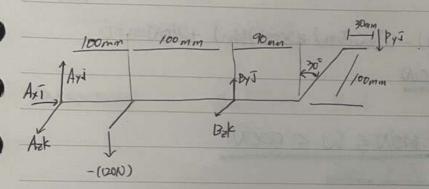


(a) 到过 部州 (b) 海岛 (c) 海岛的中央 (A) 图 (a) 



rc = (32cm) + (10cm) cos30°J - (10cm) sin30°k = 321 + 8.6603 J - 5k

IMA=0: (10+46)x(-1205)+(205)x(ByJ+Bzk)+(325+8.66035-56)x(-PJ)=0 - 1200k + 4801 +20Byk -20BzJ - 32Pk -5PT=0

 $T: 480 - 5p = 0 \quad P = 96.0N$ 

(a) P=96.0N

J: 20Bz =0

B==0

k: -1200 + 20BY - 22 (96.0) = 0 By = 213.6N

IF = 0:

A1=0

IFY = 0: Ay - 120 + 213, 6 - 96, 0 = 0 A1 = 2.40N

IFz=0: Az+Bz=0 Az=-Bz=0

(b) A = (2,40N) J B= (214N) J