

AST CONA 28512 超 73时.

+) IMc=0: (300N) (0,2m) + (300N) (0.4m)

+1 IFy=0: Cy+255N=0, Cy=,-255N

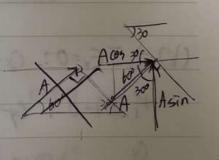
\$IFx=0: 300N+300N+Cx=0, Cx=-600N

(b) X=300

+) IMC=0: (300N)(0,2m)+(300N)(0,4m)-(Acos30°)(0,8m)+(Asin30°)(0,8m)=0

A = 365,24N, 60°

\$IFx=0: 900N +300N + (365,24N)\$1030°+Cx=0 Cx=-182.62



$$C = \sqrt{(182.62)^2 + (36.31)^2} = 884.12N$$

 $N = \tan^4(\frac{Cr}{C_x}) = 22.600^\circ$