

$$340(y_{ab}) = \frac{340(-2i-2.55)+31}{4.39-} = F =$$

$$= \frac{154.9i-193.62)+232.35k}{N}$$

$$M_{A} = -35 \cos 30 (0.2) - 20(0.6)$$

$$+ 25(0.3) = -10.56$$

$$d = \frac{Mc}{F_{CS}} = \frac{10.56}{50.31} = 0.209 \text{ m}$$

$$M_1 = 375 (2.2) = 825 N_m$$
 $M_2 = 500 (\frac{4}{5}) (1) = 400 N_m$
 $M_3 = 1605; 130 (0.1) = 8 N_m$

