

H.W. # 8

CE 201-8

(032)

Final Answers

1) $T_{Dc} = 343.36 \text{ N} \cong ??$

$A_x = 98.10 \text{ N} \cong ??$

$A_y = 40.05 \text{ N} \cong ??$

$A_z = 73.58 \text{ N} \cong ??$

$B_x = ? \cong ??$

$B_y = 245.3 \cong ??$

$B_z = 73.571 \cong ??$

M_x 's = ??

2) $T_{Bc} = 152.23 \cong ??$ units?

$A_x = ? \cong ??$

$A_y = -7.857 \cong ??$

$M_x = -300 \cong ??$

$M_z = -420 \cong ??$

Others = ??

3) $F_{CD} = 520 \text{ C} \cong 480 \text{ T}$

$F_{CD} = 520 \text{ C} \cong 480 \text{ T}$

$F_{DE} = 520 \text{ C} \cong 520 \text{ C} \cong ?$

$F_{DA} = 481.66 \text{ T} \cong ? ; F_{DE} = 197.99 \text{ T} \cong ?$

Others = ??

4) $F_{AD} = 65 \text{ T} \cong ? ; F_{Dc} = 150 \text{ C} \cong ? ; F_{DF} = 25 \text{ T} \cong ?$

$F_{CF} = 162.5 \text{ T} \cong ? ; F_{CE} = 87.5 \text{ C} \cong ? ; F_{FE} = 150 \text{ T} \cong ?$