

## H.W. #4 Final Answers

$$1) \quad (a) \quad T_{AB} = 137.1 \quad \text{or } 2!$$

$$\Rightarrow \vec{T}_{AB} = \dots$$

$$(b) \quad N = 125 \quad \text{or } 2!$$

$$\Rightarrow \vec{N} = \dots$$

$$2) \quad F = 25.04 \quad \text{or } 2!$$

$$\theta = 47.49^\circ \quad \text{or } 2!$$

$$3) \quad M_o = 480 \quad \text{or } 2!$$

$$4) \quad \vec{M}_O = -616.2 \vec{i} - 1171 \vec{j} - 985.8 \vec{k}$$

or 2!

$$5) \quad M_{CD} = 338.1 \quad \text{or } 2!$$

$$\Rightarrow \vec{M}_{CD} = \dots$$