

### Homework 3 Comments.

- Many students still make the mistake of vector/scalar consistency.

- I encountered many instances where students wrote:

$$\underline{F} = 50 \text{ N}$$

This is obviously wrong since the LHS is a vector and the RHS is a scalar.

- Should be written as  $|\underline{F}| = 50 \text{ N}$ .

- Many students failed to denote vectors properly.

e.g.  $M_A = \underline{r} \times \underline{F}$  is wrong because you can only cross vectors

The above should be written as:  $\vec{M}_A = \underline{r} \times \underline{F}$

- There are very fundamental notation errors, please get it right.

- Lastly, there were students who still did not know what the units for moments were.