

University Physics 1A

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Torque

Torque is the rotational analog of force.

$$\vec{\tau} = \vec{r} \times \vec{F}$$

\vec{r} is the displacement vector that points from the reference point to the location of force \vec{F} .

$$\tau = rF \sin \theta$$

$$\vec{\tau}_{net} = I\vec{\alpha}$$

You can find all my notes at <http://omgimanagerd.tech/notes>. If you have any questions, comments, or concerns, please contact me at alvin@omgimanagerd.tech