

PHYSICS 160 READING ASSIGNMENT FOR APRIL 10 SECTIONS 10.1 AND 10.2

10.1 - Torque

- Torque, τ - measures the effectiveness of a force at causing rotation.
- There's a lot of lingo associated with torque: line of action - the direction of the force, and moment arm - the distance from the force.
- Torque is a vector. It's along the axis of rotation. A cross product gets the direction for you.

10.2 - Torque and Angular Acceleration

- Read this section carefully if you like to know where your equations come from.
- The examples are important for everyone to study.