

Angular Momentum

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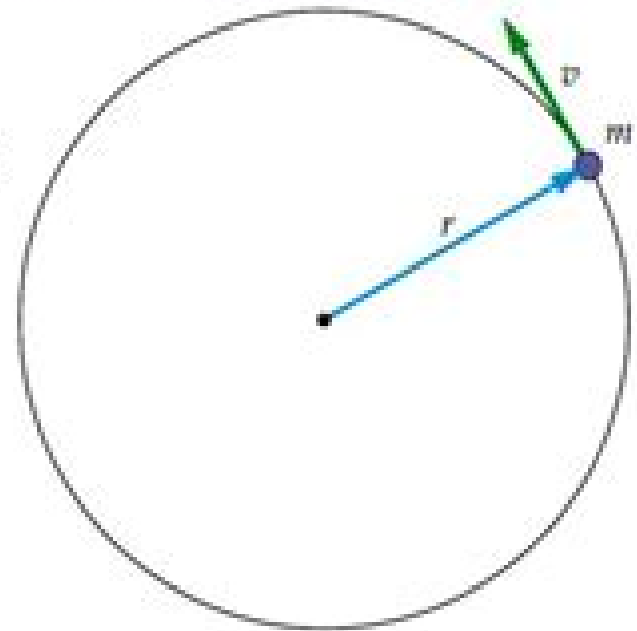
$$L = I\omega$$

SI unit: $\text{kg} \cdot \text{m}^2/\text{s}$

For a particle of mass m
moving in a circle of radius r :

$$I = mr^2 \quad \omega = v / r$$

$$L = rmv = rp$$



Angular Momentum Practice

Lilia M. Woods, Pablo Rodríguez López



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