1 page summary of physics engine

jintaeks

position

a (Celeration

force

momentum

impulse II = F-t

Yotation

angular velocity

$$\overrightarrow{U} = \overrightarrow{V_1} / r$$

angular

 $= (\overrightarrow{r} \times \overrightarrow{V}) / r^2 \text{ (see Fig. !)}$

acceleration $\overrightarrow{d} = (\overrightarrow{r} \times \overrightarrow{W}) / r^2 \text{ (see Fig. !)}$

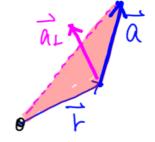
torque Inertia

angular momentum

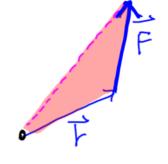


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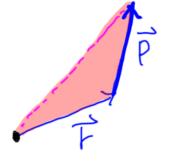
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F=ma



P=mV



D= Wt

