Cheatography

n Cheat Sheet

by qwet11 via cheatography.com/122543/cs/22774/

∑pi = ∑pf

f

When Momentum is

Conversed:

Rotational Motion		
τ_net= Ια	τ = r F sinθ	$\tau = rF$
Linear to Rotational Conversions		
$x = r\theta$	v=rω	a=rα
Rotational Kinematics		
$\Delta \theta = \omega it + \frac{1}{2} \alpha t^2$	ω = ωi + αt	ω2 = ωi2 + 2αΔθ
-		
Rotational Momentum		
L = Ιω	$K = \frac{1}{2}I\omega^2$	$\Delta L = \tau \Delta t$
	$K = \frac{1}{2}I\omega^2$	ΔL= τΔt
L = Iω Momentum	$K = \frac{1}{2}I\omega^2$	ΔL= τΔt
		$\Delta L = \tau \Delta t$ $\Sigma pi = \Sigma pf$
Momentum When Moment		
Momentum When Moment		
Momentum When Moment Conversed:	um is	Σpi = Σpf Δp = FΔt or J =
Momentum When Momente Conversed: p = mv	um is n (KE	$\Sigma pi = \Sigma pf$ $\Delta p = F\Delta t \text{ or } J =$ $F\Delta t$ $m1v1 + m2v2 =$

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