Rotational motion Equations

$\Delta\theta = \theta_2 - \theta_1.$ $\quad \bar{\omega} = \frac{\theta_2 - \theta_1}{t_2 - t_1} = \frac{\Delta\theta}{\Delta t}.$ $\quad \alpha = \frac{\Delta\omega}{\Delta t} = \frac{\omega_2 - \omega_1}{t_2 - t_1}$ $\quad T = \frac{1}{f}$ $\quad f = \frac{1}{T}$ $\quad \omega = 2\pi f$

Angular displacement :

Angular velocity is

Angular acceleration is

Period(T) is

The frequency is

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