





| From Last Time | |
|---|--|
| Angular velocity | $\omega = \frac{\Delta \theta}{\Delta t}$ |
| Angular Acceleration | $\alpha = \frac{\Delta t}{\Delta t}$ |
| Angular equations of motion (constant angular acceleration) | $\omega = \omega_i + \alpha t$ $\Delta \theta = \omega_i t + \frac{1}{2} \alpha t^2$ |
| Relationship to linear motion quantities Subscript "t" refers to tangential motion | $s = r\theta$ $v_t = r\omega$ $a_t = r\alpha$ |
| D. Roberts University of N | aryland PHYS 12 |



























