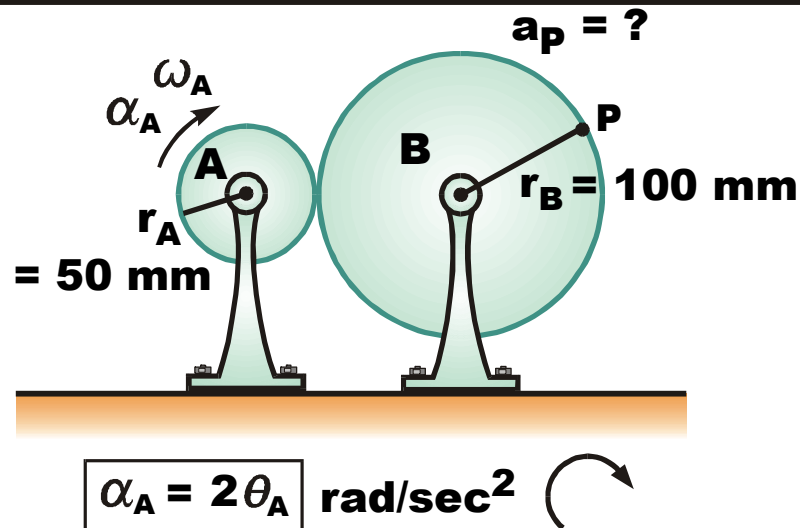
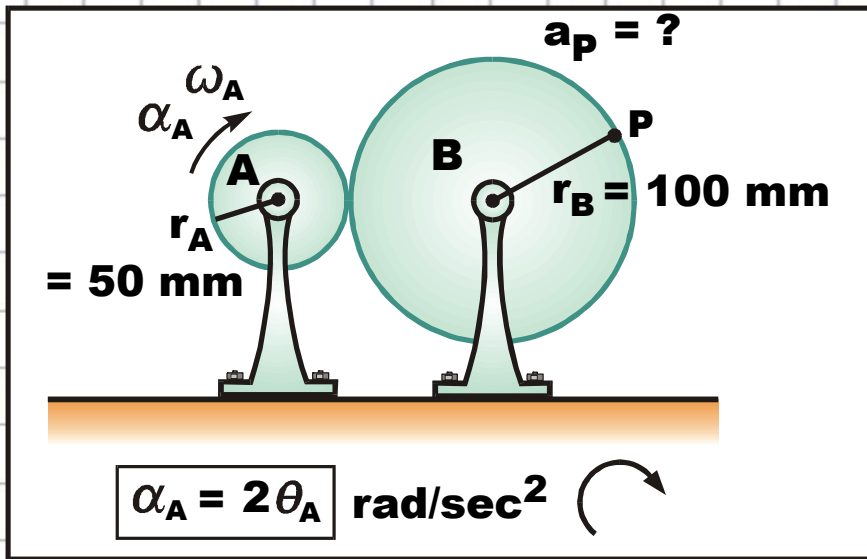


Fixed Axis Rotation Example Problem 1

Fixed Axis Rotation Example Problem 1:

Two gears A and B touch with no slip. Gear A starts from rest with $\alpha_A = 2\theta_A \text{ rad/sec}^2$. When gear A has rotated 2.2 revolutions, please determine the magnitude of the acceleration of point P.





$$\alpha_A = 27.65 \text{ r/s}^2 \downarrow$$

$$\omega_A = 19.55 \text{ r/s} \downarrow$$