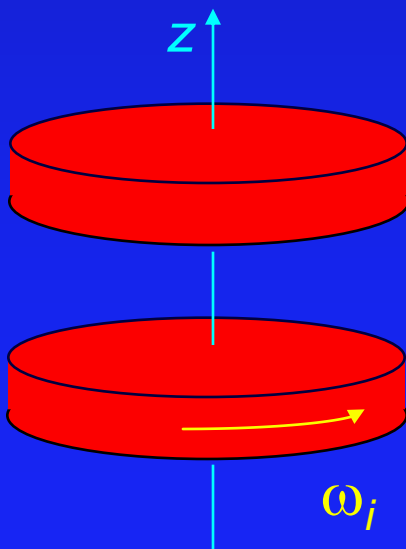




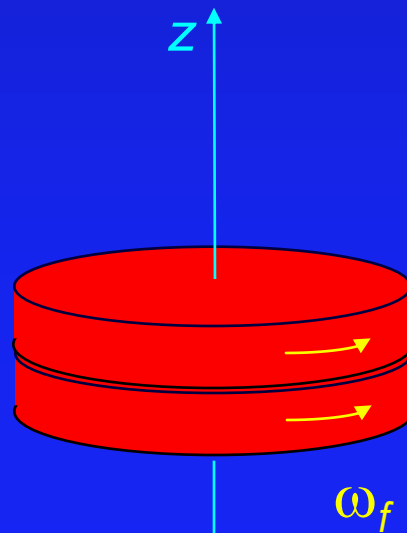
Act: Two Disks

- A disk of mass M and radius R rotates around the z axis with angular velocity ω_i . A second identical disk, initially not rotating, is dropped on top of the first. There is friction between the disks, and eventually they rotate together with angular velocity ω_f .

A) $\omega_f = \omega_i$



B) $\omega_f = \frac{1}{2} \omega_i$



C) $\omega_f = \frac{1}{4} \omega_i$