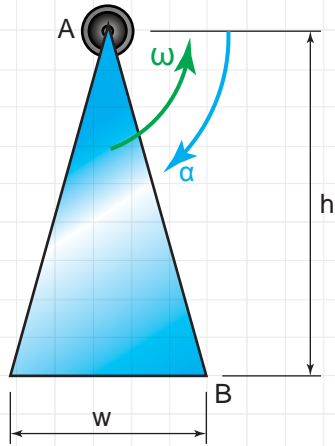


5-1-1-2

The isosceles triangular shape with dimensions $h = 1\text{ m}$ and $w = 0.7\text{ m}$ is rotating about its hinge point at A. It is rotating at a rate of $\omega = 2\text{ rad/s}$, which is decreasing at the rate of $\alpha = 1\text{ rad/s}^2$. Find the magnitude of the acceleration of point B.



Answer(s):