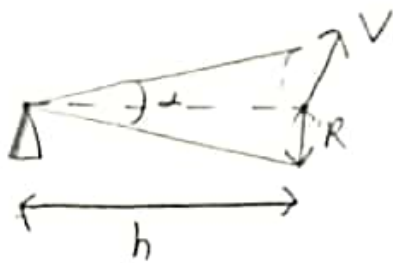


1)



$$h = \omega R \quad h = \omega/6 \cdot 0.05 \quad 5 \text{ cm} = 0.05 \text{ m}$$

$$h = 11 \text{ cm}$$

$$\omega = v/h \quad \omega = 0.009 \text{ rad/c}$$

~~$\omega = 0.009 \text{ rad/c}$~~

$$a = \omega^2 \cdot R = 0.9 \cdot 10^{-3} \text{ m/c}^2$$

