

2016

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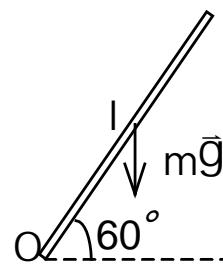
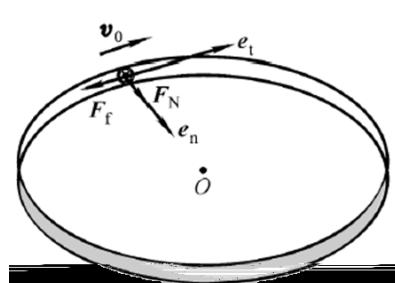
$$x \quad a = 4t \text{ (SI)} \quad t = 0 \text{ s} \quad x_0 = 10 \text{ m}$$

$$v_0 = 0 \text{ m/s} \quad ?$$

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$$\mu \quad R \quad v_0 \quad (1) t \quad ?(2)$$

$$v_0 \quad v_0/2 \quad ?$$



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$$m \quad r \quad v_0 \quad ?$$

$$v_0/2 \quad (1) \quad ?(2) \quad ?(3) \quad ?$$

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$$l \quad m \quad 60^\circ$$

$$J = ml^2/3 \text{ SI} \quad (1) \quad ?(2)$$

$$? \quad ?$$

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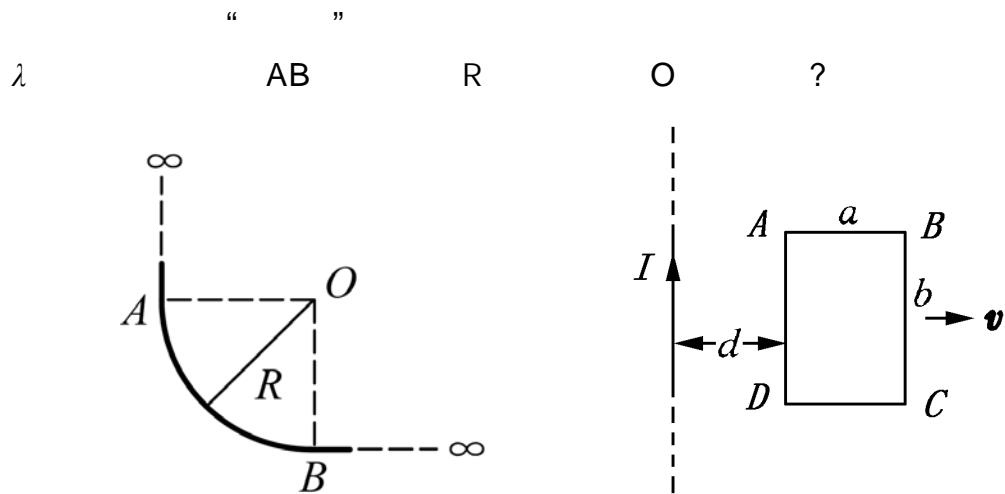
$$10 \cdot 10^3 \text{ kg} \quad x \cdot 0.1 \cos \theta \cdot \frac{2}{3}) \text{ SI}$$

$$(1) \quad ?(2)$$

?(3)  $t_2$  5s  $t_1$  1s

?

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R q

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$$I = 5A$$

$$b = 0.06m \quad a = 0.04m$$

$$v = 0.03m \cdot s^{-1}$$

$$d = 0.05m$$

?