

010 833057
Sayed Mounir Fahdoun Shabri

$$t = \frac{mg \sin \theta + \frac{mv^2}{r}}{g}$$
$$0.728 = \frac{0.556 \times 0.8 \times \sin 2}{g}$$
$$15.827 = \frac{0.556 \times 0.8}{0.728}$$
$$3.6106 = v^2$$
$$v = 1.9$$
$$-y = v_0 t - \frac{1}{2} g t^2$$
$$-0.862 = 1.9 \sin 2 - \frac{1}{2} g t^2$$
$$t \approx 0.4746$$

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REPUBLIC OF IRAN
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Form 6

COLONEL MAJID SHABRI
REGISTRATION AND IDENTIFICATION POLICE CHIEF

PP19-020

Mr. M. Shabri
Date of Birth: 1375/05/01 - MADRID

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$$T = mg \sin \theta + \frac{mv^2}{L}$$

$$0.718 = 0.556 \times 0.8 \times \sin 21 + \frac{0.556 \times v^2}{0.385}$$

$$0.5227 = \frac{0.556 \times v^2}{0.385}$$

$$3.6196 = v^2$$

$$v = 1.9$$

$$-y = v_{iy} + -\frac{1}{2}gt^2$$

$$-y = (1 - L \sin \theta) = -0.862$$

$$-0.862 = 1.9 \sin 21 \times t + -\frac{1}{2} \times 9.8 \times t^2$$

$$t \approx 0.4946$$

$$d = v_x \sin \theta \times t$$

$$d = 1.9 \times \sin 21 \times 0.4946 = 0.33677$$

$$\approx 0.337 \text{ m}$$

