

Meta no. 28. = "Vivo la Sobriedad y templanza"

Pablo Javier Alemán Velásquez, carne 2019-222, PEG BV

Exámen Final

$$1. \sqrt{2 \cdot 9.8 \cdot 0.066} = 1.137$$

$$\frac{1.37(0.0044 + 1,2)}{0,0044} = 311.12 // = 311,23 //$$

$$\begin{aligned} (2) \quad & \frac{(5)(9.8)(20)}{980} + \frac{1}{2} (8)(8,9)^2 \\ & 1178.025 = \sqrt{471,21} = 21.71 = 21,71. \end{aligned}$$

$$\begin{aligned} (3) \quad & 1.3(735,5) = R_1 = 956.15 \\ & 5(241)(9.8) = R_2 = 11,354 = 12,35 \end{aligned}$$

$$(4) \quad \frac{-(2372)(-12.22)}{0.16} = 181,161.5 = 18,161,5$$

$$\begin{aligned} (5) \quad & 4,4 = 0,1 \cdot 2(1,9) = 1,16. \\ & \frac{4,4}{3,8} = 1.16 // \end{aligned}$$

$$\begin{aligned} (6) \quad & 42(\sin 38) = 25.86 \quad | \quad 25.86(4.23) - \frac{9.8(4.23)^2}{2} \\ & 42(\cos 38) = 33.10 \quad | \quad 109.39 - 87,68 \\ & \frac{140}{33,10} = 4.23 \quad | \quad y = 21.71 \\ & \quad \quad \quad | \quad y = 21,71 \end{aligned}$$

| | | | | |
|---|---|---|---|---|
| A | S | M | O | X |
| J | a | n | i | t |
| S | Z | | | |

$$d = 5.4 + 0.5 \cdot 4 \cdot 4^2 = 52$$

$$48 - x = 74 - x = 20$$

$$W = 20.82 = 1.040 = 1.040 //$$

③ $X = \cos \theta$ volt
 $100 = 1$

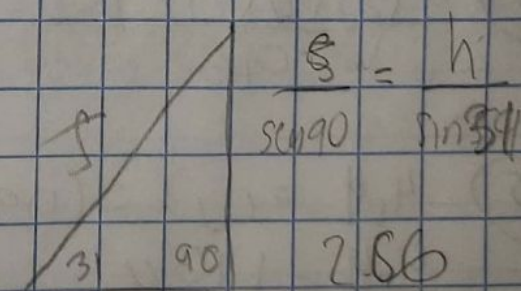
$$y = -0.5 \cdot 9.8 \left(\underset{v_0}{31.3} \right) + 0.777 (31.8)$$

9) cinética
 $0.5 \cdot 4 \cdot 9^2 = 162$

4.9.3.256

$100.3^{\circ} + 162$

$$262.35 = 262.35$$



$$(10) \quad t = \frac{-49}{-9.8} = 5$$

$$\left(\frac{49}{2}\right) 5 = 122.5 = 122,5$$

$$(11) \quad \tan 39^\circ = \frac{X}{8} =$$

$$6.48 = h.$$

cinetica

$$\sqrt{2 \cdot 5 \cdot 2.3 \cdot 7^2} = 56.35 = 202,41$$

$$\sqrt{146.06} = 202,41$$

$$(12) \quad 77 - 42 = 35$$

$$\frac{35(35)}{42} = 27.5 = -27,5$$

$$(13) \quad 2 \cdot g \cdot h = v^2 - v_0^2$$

$$2 \cdot -9.8 \cdot 22 = 0^2 - v^2 = 54,14$$

$$= 54,14$$

$$(14) \quad 9.8 \cdot 4.6 = 45,08 = (4.6 \pm v) 9.8$$

$$-X \quad 22.84 = -22,84$$

18

$$\frac{10}{9} \leq 1.11 = 6.04$$

$$1.11^2 \cdot 4.9 = 6.04$$