JOHN CON (2): ARITHÉTICA-ALGEBRA

(A2) $85,90,95,...,715 \Rightarrow 01=85,6=5 \Rightarrow 0n = 0.1+(n-1)d$ $85,90,95,...,715 \Rightarrow 0.1=85,6=5 \Rightarrow 0n = 0.1+(n-1)d$ $85,90,95,...,715 \Rightarrow 0.1=85,6=5 \Rightarrow 0n = 0.1+(n-1)d$ 715 = 85+(n-1)d5127 = 127(85+715) = 50.800/(0.)

(A3) $e^{x} + 12e^{-x} - 7 = 0 \Rightarrow 2^{x} - 7e^{x} + 12 = 0 \Rightarrow (e^{x} - 3)(e^{x} - 4) = 0$ $e^{x} = 3$; $e^{x} = 4$ $\Rightarrow \chi = \lambda_{1} = \lambda_{1} = \lambda_{2} = \lambda_{1} = \lambda_{1}$

Solución (2): GECHETRIÁ YTRIGOROMETRIA.

Se forma un
$$\Delta$$
 sectaingulo (veni fica s con Pitaya $\Delta = \frac{\pi(1)^2 - \frac{\pi}{4}}{4}$

$$\frac{12h}{h} = \frac{45^{\circ}}{h} = \frac{500}{h} = \frac$$

$$= 150.12^{(1+13)}$$

$$=7 h = 100 (3+13) (c.)$$

$$\frac{13}{52} = \frac{AC}{60} \Rightarrow \frac{AC}{7} \Rightarrow \frac{AC}{81} = 9$$

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=>
$$FC = \sqrt{61} - 9$$
 y 12 010 000 0
=> $FC = \sqrt{25} = 5$ => Perimetro $\triangle ABC = 13+15+16$

68.
$$\frac{1-(0)x}{5eny} - \frac{1-(0)x}{5eny} - \frac{1-(0)x}{5eny} = 0 = 71-(0)x - 3enx = 0$$

$$= 7 \times -(\omega) \times -1 + (\omega) \times = 0 = 7 \times (\omega) \times -1 = 0$$

$$\Rightarrow COOX = 0 \Rightarrow X = \frac{1}{2} \Rightarrow X = 0$$

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F11 Ponemos la relocidad angular en rad Física B (D = 30 red x 1 min x 2 Trad = T rad R=0.15m min x 60s x 1 min 5 DCL de la monede Vista de perfel Personne

Vista de perfel Ring Del equilibrio vertical n=mg. Para que su sce minimo debemos han que fe sea méximo, este es, fe, max = ple n oser, fe, mex = ple mg Por le 2ª Ley du Newton pe m/g = m/a Re cor dando que a = w2R (aubración centripida) re 3 = w2R => re = cock $\mu = \frac{\pi^2 R}{T^2} = 0.15 \quad \triangle$ F12 F = ma = 3x2 = 6[N] Como parte del reposo $s = \frac{1}{2}at^2 = \frac{1}{2}x2x10^2 = 100m$ Como Fystienen la misme dirección => W=FS W = 6 × 100 = 600 [J] (C)

013:
$$C_1 = 1.81 \frac{9}{cm^2} \cdot \frac{989 \text{ HzSO}_4}{1009561} \cdot \frac{1 \text{ mol } \text{ HzSO}_4}{989 \text{ HzSO}_4} \cdot \frac{264 \text{ HzSO}_4}{1 \text{ mol } \text{ HzSO}_4} \cdot \frac{1000 \text{ cm}^2}{12}$$

$$\left[C_1 = 36.2 \frac{64/g}{362 \text{ M}} \right] = 200 \text{ cm}^2 / \Rightarrow \boxed{B}$$

014: $2 \text{ KMnO}_4 + \frac{5}{5} \text{ HzCoO}_4 + 3 \text{ HzSO}_4 \rightarrow \text{ KzSO}_4 + 2 \text{ MzSO}_4 + 1000_2 + 8 \text{ HzO}}$

$$\frac{M_{11} 0_4 + 8 \text{ H}^4 + 5 \text{ e}^- \rightarrow M_{11}^{42} + 4 \text{ HzO}}{H_2 \text{ COO}_4 + 16 \text{ H}^4 + 5 \text{ HzCoO}_4 \rightarrow 2 \text{ COO}_2 + 2 \text{ H}^4 + 2 \text{ e}^- |5|}$$

$$\frac{2 \text{ M_{11} 0_4} + 16 \text{ H}^4 + 5 \text{ HzCoO}_4 \rightarrow 2 \text{ Min}^{42} + 1000_2 + 10 \text{ H}^4 + 8 \text{ HzO}}{6 \text{ MzO}_4 + 16 \text{ H}^4 + 5 \text{ HzCoO}_4 \rightarrow 2 \text{ Min}^{42} + 1000_2 + 10 \text{ H}^4 + 8 \text{ HzO}}$$

Q15.- $\Delta Te = \text{Ke} \cdot \text{Mo} = 0.52 \frac{\text{cc}}{\text{min}} \cdot \left(\frac{489}{3824 \cdot 0.6 \text{ Hz}} \right) = 0.72 \text{ C}$

$$\left[Te_{50} = 100 + 0.72 = 100.72 \text{ C} \right] \Rightarrow \boxed{C}$$

016: $\frac{\text{Xg GHizO}_6}{\text{GHizO}_6} \rightarrow \frac{\text{Xg GHizO}_6}{\text{Min}^2 + 1000} \rightarrow$