

$$R = \frac{1}{f_{k}} = \frac{2}{h} = \frac{h}{h} = h \text{ in }$$

$$a_3 = -(d-b_1) = -Ncn$$

$$b_1 = b_1 - b_2 = -Ncn$$

$$b_2 = b_3 - b_4$$

$$b_3 = b_4$$

$$b_4$$

$$m_1 = -\frac{51}{0} = -\frac{02}{6} = -2$$

$$n_{3} = -\frac{5}{5} = \frac{6}{72} = -\frac{1}{2}$$
 $n_{4} = 1.5 \text{ Gr.} \quad n_{4} = 6 \text{ Gr.} \quad d = 3 \text{ Gr.} \quad m_{4} = 5$ 

(8)

Speni deepter 
$$\frac{a}{b} + \frac{a}{b} = \frac{a-a}{R}$$

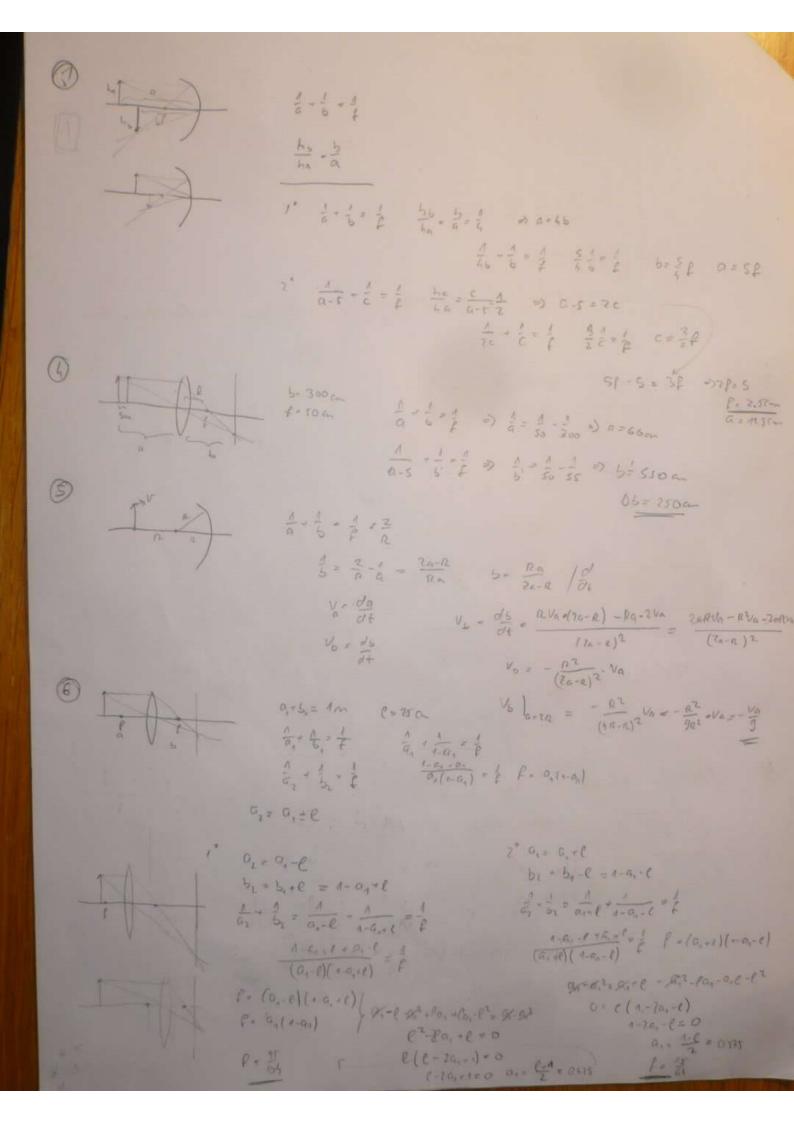
Wrale ser 
$$\frac{1}{-15} + \frac{1}{52} = \frac{2}{R_1}$$

$$-\frac{1}{63} - \frac{1}{64} = \frac{2}{6} \Rightarrow b_1 = 1 \text{ and } \frac{1}{6}$$

$$\frac{A}{c_0} + \frac{A}{b_1} = \frac{15 - A}{A.5} = \frac{5}{5} = \frac{15}{6m}$$

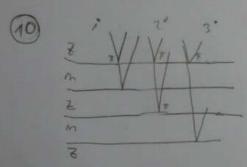
$$\frac{A}{c_0} + \frac{A}{b_1} = \frac{15 - A}{A.5} = \frac{5}{5} = \frac{15}{6m}$$

$$\frac{A}{c_0} = \frac{A}{c_0} = \frac{15}{A.5} = \frac{15}{4m} = \frac{15}{4m}$$

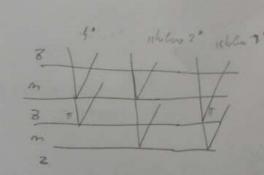


40 00= 17 + 2n 20 = 27

FILLIALVA 09711CA

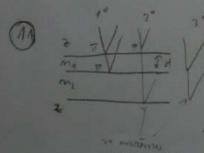


Constitution de y DO2117



91=4el = 310 m

$$Q\phi = P - \pi - \frac{2\pi}{n} \cdot 2m_s cl = \pi$$

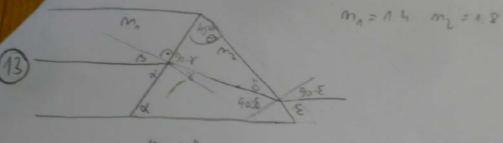


or mutarius cless.

9 1 2 35 mm 
$$\frac{m-1}{4}$$
  $\frac{m-1}{4}$   $\frac{m-$ 

W N = 90" 808 = 1

10 = 50 - d = 30"



$$\frac{Sm7}{Sm7} = \frac{m_1}{m_2}$$
  $Sm7 = \frac{m_2}{m_1}.Smp = 29.4735353°$ 

$$A = 2my + \frac{1}{2}$$

$$A = 2my + \frac{1}{2}$$

$$Y = \frac{\lambda mR}{2m} \implies A = \frac{2m+1}{2}$$

$$Y = \frac{\lambda mR}{2m} \implies A = \sqrt{2R}$$

$$A = \sqrt{2R}$$

$$A = \sqrt{2m} \implies A = \sqrt{2R}$$

17. UND
$$I = \sqrt{2R} \frac{A^{-\frac{3}{2}}}{2m} = \sqrt{\frac{P}{m}(\Delta^{-\frac{3}{2}})}$$

$$I_{i} = I_{6} \implies \frac{P}{1}(5\lambda^{-\frac{3}{2}}) = \frac{P}{m}(6\lambda^{-\frac{3}{2}})$$

$$m = \frac{6\lambda^{-\frac{3}{2}}}{5\lambda^{-\frac{3}{2}}} = \frac{41}{2} = 12$$

$$Nm d = \frac{\lambda}{d} m$$

$$\frac{\lambda_1}{\lambda_2} = 1 + \frac{1}{m} \implies m = \frac{1}{\lambda_2 - 1} = 2$$

I 
$$R_0 = 20 \text{ cm}$$
  $E_0 = \frac{I}{h_0^2}$ 

$$E_{0} = \frac{I}{h_{0}^{2}} = \frac{I}{h_{1}^{2} + f^{2}} \cdot \frac{h_{1}}{\int h_{1}^{2} + f_{1}^{2}} = \frac{I h_{1}}{\int h_{1}^{2} + f_{1}^{2}} \frac{1}{\int h_{1}^{2} + f_{1}^{2}} = \frac{1}{\int h_{1}^{2} + f_{1}^{2}} =$$

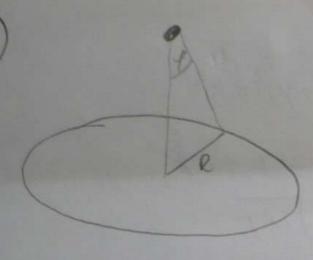
$$E_{0} = \frac{I}{\left(R_{1}^{2} + dn^{2}\right)^{\frac{1}{2}}} \left(R_{1} + \Delta R\right) \cdot \left(1 - \frac{3}{2} \frac{Z(m \Delta t + dn \Delta R)}{R_{1}^{2} + I_{1}^{2}}\right)$$

$$= \frac{I h_n}{\left(h_n^2 + f_n^2\right)^{\frac{3}{2}}} \left(1 + \frac{\Delta h}{h_n} - \frac{3(f_n \Delta x + h_n \Delta h)}{g_n^2 + f_n^2} - \frac{\Delta h}{h} \cdot \frac{3(f_n \Delta x + h_n \Delta h)}{g_n^2 + f_n^2} \right)$$

I sluinj 
$$E_0 = \frac{I k_1}{\left(k_1^2 + k_1^2\right)^2}$$

$$0 = \frac{\Delta h}{h_1} - \frac{3\pi_1 \Delta r}{h_1^2 + {\delta_1}^2} - \frac{3h_1 \Delta h}{h_1^2 + {\delta_1}^2} \left| q_1 \left( h_1^2 + {\delta_1}^2 \right) \right|$$

$$\frac{3 r_1 S_1 h_1}{h_1^2 + h_1^2 - 3h_1^2} = \Delta h = 9,892 \text{ cm}$$

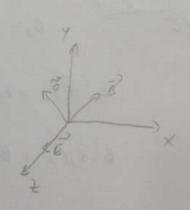


2. 
$$\frac{1}{100}$$
 =  $\frac{1}{100}$  =  $\frac{1}{100}$ 

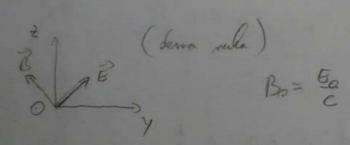
$$\vec{S}(\vec{s},t) = \frac{1}{\mu_0} (\vec{E} \times \vec{B}) = \frac{1}{\mu_0} \vec{E} \times \vec{G} = \frac{1}{\mu_0} \vec{E} \cdot \vec{G} = \frac{1}{\mu_0} \vec$$

$$E = E_0 \text{ ran} ((\pm + y) \cdot 10^7 \text{ ni}' - wt) \hat{c}$$

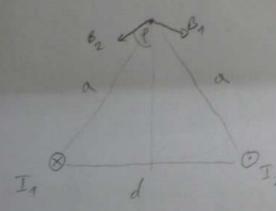
$$\begin{array}{lll}
\mathbf{a} &= (-i+8)52 & \mathbf{g} & \mathbf{g} & \mathbf{u} \times \mathbf{y} & \text{sounds} \\
\mathbf{E} &= \mathbf{E}_0 & \text{str} \left( \mathbf{u} \cdot \mathbf{t} - \mathbf{E} \cdot \mathbf{f} \right) & \mathbf{k} \\
\mathbf{B} &= \frac{\mathbf{E}_0}{c} & \text{str} \left( \mathbf{u} \cdot \mathbf{t} - \mathbf{E} \cdot \mathbf{f} \right) \left( \frac{1}{8} + \frac{3}{9} \mathbf{t} \right) \\
\mathbf{S} &= \frac{1}{2} c \epsilon \mathbf{E}_0^2 = \mathbf{u} \\
\mathbf{E}_0 &= \sqrt{\frac{2}{8}c} & \mathbf{g} &= \frac{5}{6} \mathbf{g} \\
\mathbf{E}_0 &= \sqrt{\frac{2}{8}c} & \mathbf{g} &= \frac{5}{6} \mathbf{g} \\
\end{array}$$

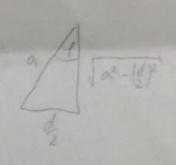


24. EADATAK



26. 200
$$\frac{2}{2} \frac{1}{2} \frac{1}$$





$$B_{x} = B_{1} \text{ min } \ell - B_{2} \text{ min } \ell = \left(\frac{\sum_{1} \frac{1}{10}}{20\sqrt{4}} - \frac{\sum_{2} \frac{1}{10}}{20\sqrt{4}}\right) \frac{\sqrt{a^{2} - (\frac{1}{2})^{2}}}{a}$$

$$B_{y} = -B_{1} \cos \ell - B_{2} \cos \ell = -(\sum_{1} + \sum_{2} \frac{1}{10}) \frac{1}{2a} \frac{d}{2a}$$