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T T-43-11

$$2 \times 10^{10} = \frac{3 \times 10^{10}}{\sqrt{1. \xi_{\rm r}}}$$

$$\beta = \frac{2\pi 5}{8 \times \omega^{\rho}}$$

$$\beta = \frac{\pi \cdot \partial \times \omega}{100} = \rho \pi$$

$$\mathcal{E}_r = \frac{9}{4} = 2,25$$

$$\hat{a}_{2} \times -\hat{a}_{y} = \hat{a}_{x}$$

$$\eta = 377 \sqrt{\frac{M_{\Gamma}}{2_{\Gamma}}} = 377 \sqrt{\frac{1}{\frac{2}{3}}} = 377. \frac{2}{3} = 251,33$$

$$H(x,t) = \frac{A_{-}}{\eta} \cos(\omega t - \beta x) (-\hat{a}_{y}) A/m$$