$$\frac{11}{10} | M_1 = 1$$

$$\frac{e}{10} \cos(2\pi \cdot 10^{10}t - 350) = x \left[\frac{A}{m} \right]$$

$$2 = \frac{\mathcal{E}}{14} = 36 = 2.44$$

$$= 2e \{ 2 \} = 196.\cos(30^{\circ}) \cdot \frac{e}{10} \cos(2\pi.10^{\circ}.2.10^{\circ}) - 35$$

$$= -40.3$$

$$B(x,y,z,t) = B_0(x,y)e^{i(1.5.10^{4} - 1.2)}$$

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$$C = \frac{\partial E}{\partial t}$$

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(h) 1= 21 = 21 = 411

L= VEUPO W = 0,5

aslm P=VW I= 1A R: 15 B= poi(t)

$$Q = \int \frac{1}{1} \int \frac{dt}{dt} dt$$

$$= \int \frac{\partial \ln d(t)}{\partial t} dt$$

$$= \int \frac{\partial \ln d(t)}{\partial t} dt = \int \frac{\partial \ln dt}{\partial t} \int \frac{1}{1} \int \frac{$$

$$Q = V_0 \frac{1}{2\pi} \left(\left(\frac{1}{2\pi} \right) \right) \left(\frac{1}{2\pi} \right) \left(\frac{1}{2\pi}$$

= 200.10-9 (n(2) = 138.62 nC

$$E = E_0 e^{-\lambda^{\alpha}} \cos(\omega t - t^{\alpha})$$

$$\lambda = \frac{2\pi}{b}$$

15t1's4

60=200 V/m

$$=\frac{\cos(\omega t)}{-2\pi 2d}\cdot\cos(\omega t-\frac{1}{2})$$

$$= e^{4\pi \frac{2}{2.50}} = 85000 \approx 86757$$

$$= e^{11.37} - 3000 \text{ to rathing}$$

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