Apou oco kevó: $\vec{E}_0 \perp \vec{E}$ as oplowing $\vec{E} = (0,0,k)$. $E_0 = (E_0,0,0) \implies \vec{E} = \mathcal{L} E_0 = i(kz - \omega t)$ προγματική avaπapáσzaon: E= & Focos (kz-wt) (3) $\frac{\partial \vec{B}}{\partial t} = -\vec{\nabla} \times \vec{E} = -\vec{X}$ $\frac{\partial}{\partial x} \frac{\partial}{\partial y} \frac{\partial}{\partial z}$ $\hat{t}_{o(o)}(k_{t}-\omega t) = 0$

 $\frac{\partial B}{\partial t} = -\left[-\dot{y}\left(\frac{\partial O}{\partial x} - \frac{\partial}{\partial z}E_{O}\cos(kz-\omega t)\right)\right]$

=> (2B) d+= k Fo sin (kz-wt) d+ => (dB= \ k Fo sin (kz -wt) d+

न हैं : धर्मात्रहरू

|Fax|=q|E|, |Feapulmax = qVB = qE(V) = Fm = C

Ni Malus: I Siex = I Evo cos 0

f WE = \frac{\xeta_0}{9} |\vec{E}|^{\text{N}} = \frac{dW}{13}

fwg = 1 1B12 = dw 13x

INE >

Horrepostation val Majornzostation Eveppera

A S. JA GEOTY SIN ONS
ETTI pod véta

TEXIED 6 3. da = - d [Spwe d3r + Spwe d3r]

 $\int_{A_{4,1}} \left(\frac{1}{\mu_{0}} \vec{E} \times \vec{B}\right) d\vec{S} \stackrel{\Theta}{=} \left(\frac{1}{\mu_{0}} \vec{E} \times \vec{B}\right) d\vec{S}$

oiropo Azs oiropo Azs

Me orivopa Aus

Zeo kevo (g=0, j=0) >>

=> 20 27/11/20 H/M KUPA: Extapsio =>

C= W = \\
\(\xi_0\pi_0\)

 $\frac{\partial \vec{B}}{\partial t} = \Im \left(+ k Eo sin \left(kz - \omega t \right) \implies \vec{B} = \mathcal{G} B \implies$

 $\Rightarrow \vec{B} = \hat{\gamma} \underbrace{F_o}_C \cos(kz - \omega t) + \vec{p}_o^2 \approx 0$

F=q(F+3xB)

Erepresa H/M rupazos

 $E = -\frac{1}{6} \frac{1}{6} \frac{1}{6}$

Turvo enza Evépperas Hd. 7128600:

Turvo roza Evepperas Magr. 7128100:

Be = to ExB // E

Eo = Do C S = L ExB