





 $M_{o}\left(\widetilde{E}_{o}\right)$  +  $\widetilde{E}_{o3}$ ) ×  $\left(\widetilde{B}_{o}\right)$  +  $\widetilde{B}_{o3}$ ) To:c Re[ Eo, + Eo, ] x Re[ Ix Eo, + Ix XEos]  $\frac{1}{\sqrt{2}} \cdot \left( E_{0}, \cos(kz - \omega t) + E_{0}z \cos(kz - \omega t + \xi) \right) \hat{x} \times \left( \hat{j} \times E_{0}, \cos(kz - \omega t) \right) \hat{x} + \hat{j} \times E_{0}z \cos(kz - \omega t + \xi) \hat{x} \right)$   $\hat{j} \times \hat{x} = \hat{y}$ Troc ( For costs-ut) + Esz cos(kz-ut+5) x x (Eo, cos(kz-ut) + Esz cos(kz-ut+8)) x  $\frac{1}{x_{oc}}$  (For cod/2-wt) + E3 cos(kz-wt+3))  $\frac{1}{x_{oc}}$  ( $\frac{1}{x_{oc}}$ )  $\frac{1}{x_{oc}}$  ( $\frac{1}{x_{oc}}$ )  $\frac{1}{x_{oc}}$  ( $\frac{1}{x_{oc}}$ )  $\frac{1}{x_{oc}}$  ( $\frac{1}{x_{oc}}$ )  $\frac{1}{x_{oc}}$ (E, cos2(kz-ut) + Eo32cos2(kz-ut+8) + Eo, Eo3cos(kz-ut)cos(kz-ut+8)) }



