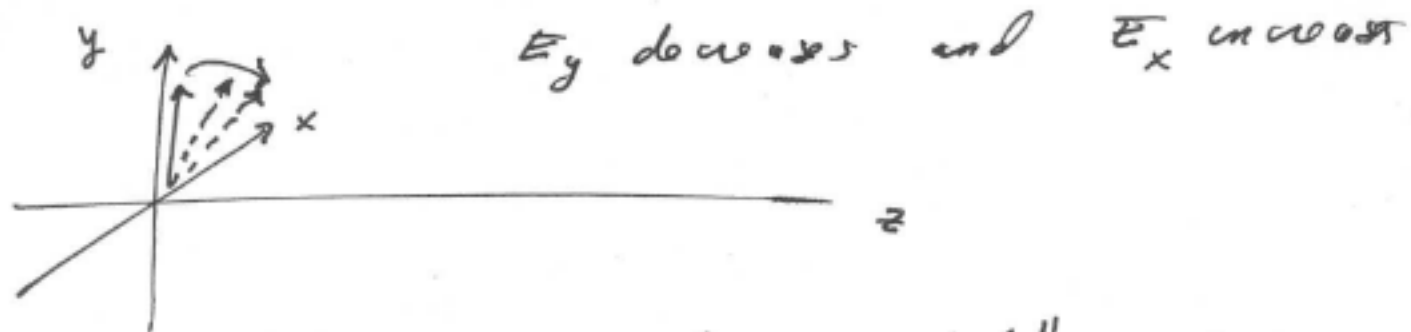


at  $t=0$ :  $\vec{E} = E_0 \cos \omega t \hat{j}$ . As  $t > 0$



the electric field rotates "left-handed" wrt  $+z$ -axis but "right-handed" wrt direction of propagation.

At  $t=0$   $\vec{B} = \frac{E_0}{c} \cos \omega t \hat{i}$ , as  $t > 0$   
 $B_x$  decreases,  $B_y < 0$



Similarly rotates wrt direction of propagation right-handedly.