a

$E_x = \cos \omega t; 1$
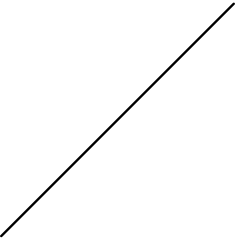
$E_y = \cos \omega t; 1$