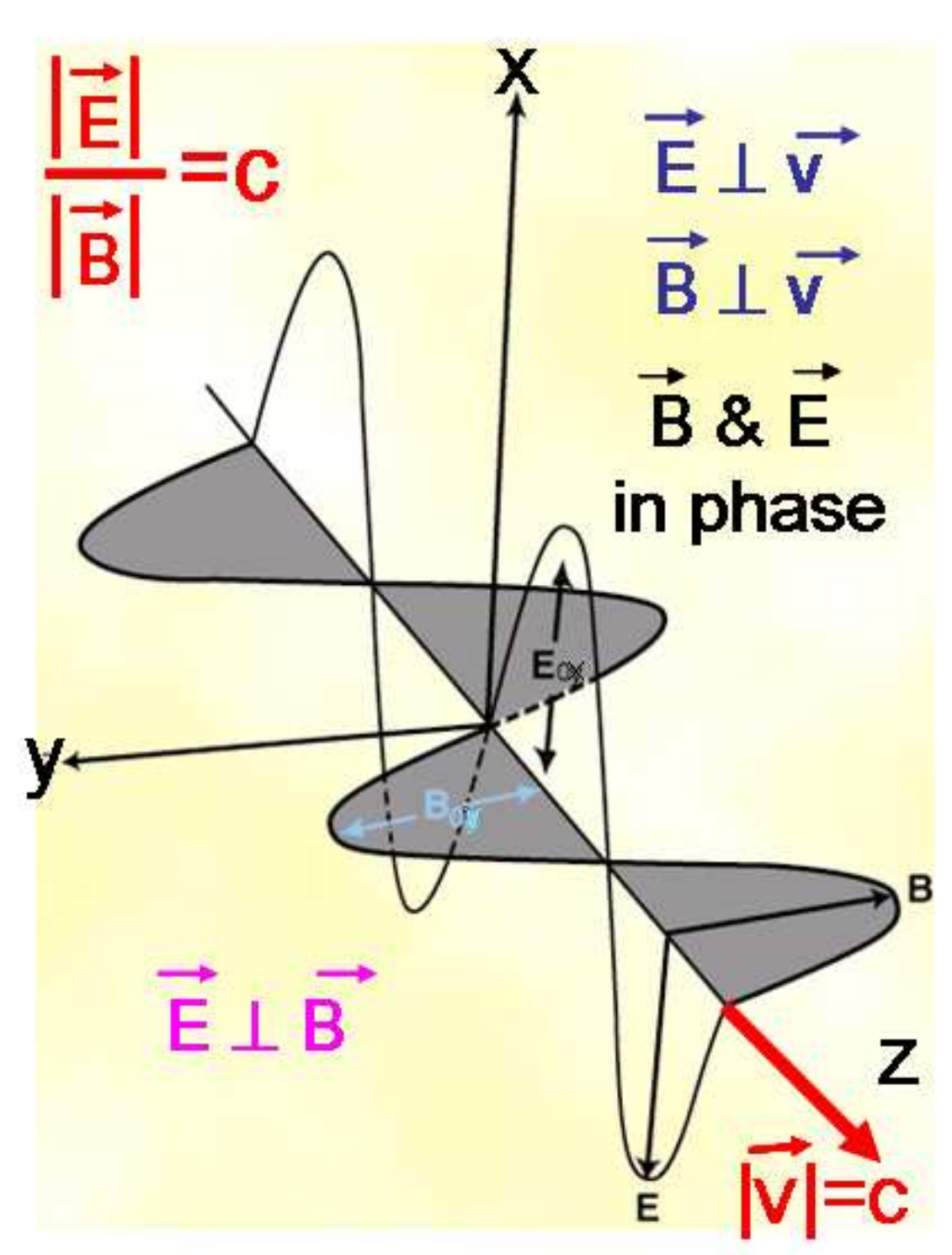
$\frac{|\vec{E}|}{|\vec{B}|} = c$
X
$\vec{E} \perp \vec{v}$
$\vec{B} \perp \vec{v}$
$\vec{B}$ & $\vec{E}$
in phase
E_{0x}
y
B_{0y}
B
$\vec{E} \perp \vec{B}$
Z
E
$|\vec{v}| = c$