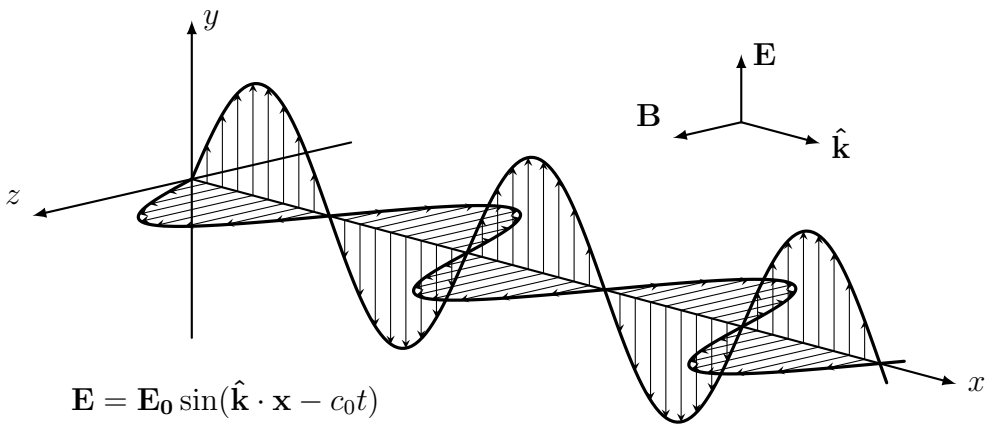
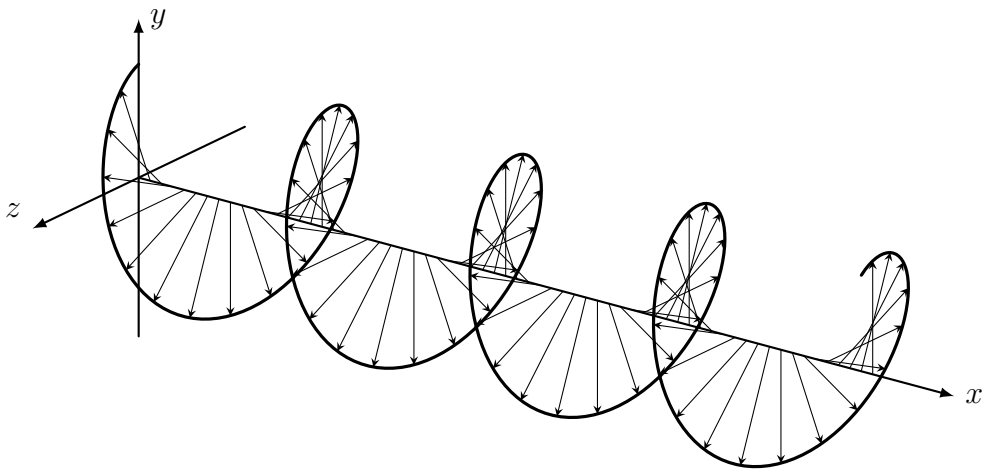
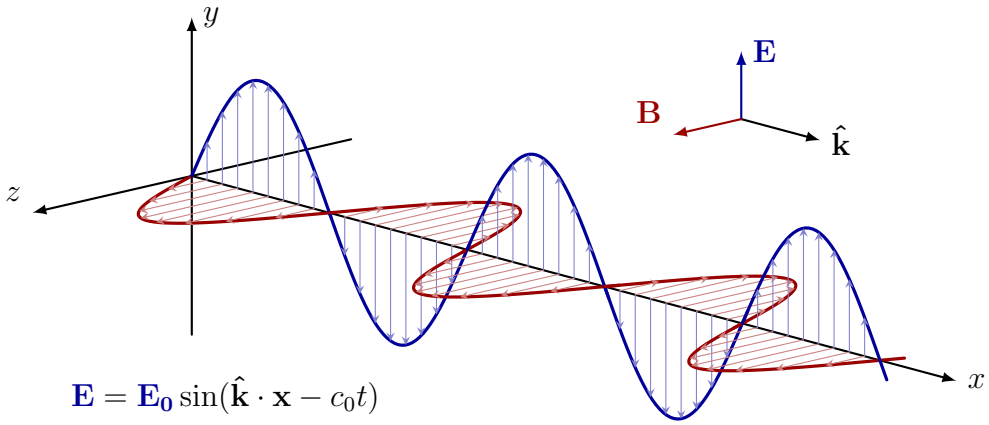


$$\mathbf{E} = \mathbf{E_0} \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

$$\mathbf{B} = \mathbf{B_0} \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

$$\mathbf{E} \cdot \hat{\mathbf{k}} = 0, \quad \mathbf{B} \cdot \hat{\mathbf{k}} = 0, \quad \mathbf{B} = \tfrac{1}{c_0} \hat{\mathbf{k}} \times \mathbf{E}$$





$$\mathbf{E} = \mathbf{E_0} \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

$$\mathbf{B} = \mathbf{B_0} \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

$$\mathbf{E} \cdot \hat{\mathbf{k}} = 0, \quad \mathbf{B} \cdot \hat{\mathbf{k}} = 0, \quad \mathbf{B} = \tfrac{1}{c_0} \hat{\mathbf{k}} \times \mathbf{E}$$