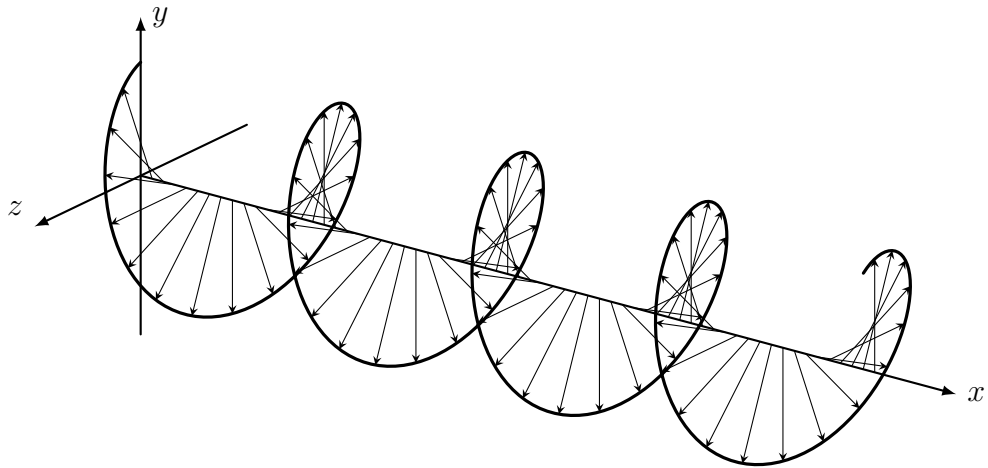


$$\mathbf{E} = \mathbf{E}_0 \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

$$\mathbf{B} = \mathbf{B}_0 \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

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



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$$\mathbf{B} = \mathbf{B}_0 \sin(\hat{\mathbf{k}} \cdot \mathbf{x} - c_0 t)$$

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