

Estudo Dirigido 1

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Maxwell's Equations in Cartesian Coordinates

The Maxwell's Equations are:

$$\nabla \times \mathcal{E}(t) = -\partial_t \mathcal{B}(t),$$

$$\nabla \times \mathcal{H}(t) = \partial_t \mathcal{D}(t),$$

$$\nabla \cdot \mathcal{B}(t) = 0,$$

$$\nabla \cdot \mathcal{D}(t) = 0,$$

where $\partial_t \cdot = \frac{\partial \cdot}{\partial t}$.

