

EE 331 - LECT #1

1/13/20

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$$\nabla \cdot \vec{D} = \rho_v$$

$$\nabla \cdot \vec{E} = 0$$

$$\nabla \times \vec{E} = -\frac{\partial \vec{B}}{\partial t}$$

$$\nabla \times \vec{H} = \vec{J} + \frac{\partial \vec{D}}{\partial t}$$

$$\left. \begin{array}{l} \nabla \cdot \vec{D} = \rho_v \\ \nabla \cdot \vec{E} = 0 \\ \nabla \times \vec{E} = -\frac{\partial \vec{B}}{\partial t} \\ \nabla \times \vec{H} = \vec{J} + \frac{\partial \vec{D}}{\partial t} \end{array} \right\} \text{M's eqs}$$