

# And God Said

$$\begin{array}{lll}
 \oint \vec{E} \cdot d\vec{l} = - \int \frac{\partial \vec{B}}{\partial t} \cdot d\vec{s} & \nabla \times \vec{E} = -\mu \frac{\partial \vec{H}}{\partial t} & \nabla \times \vec{E} = -\mu \frac{\partial \vec{H}}{\partial t} \\
 \oint \vec{H} \cdot d\vec{l} = \int \left( \vec{J}_c + \frac{\partial \vec{D}}{\partial t} \right) \cdot d\vec{s} & \text{OR } \nabla \times \vec{H} = \vec{J}_c + \epsilon \frac{\partial \vec{E}}{\partial t} & \text{OR } \nabla \times \vec{H} = \vec{J}_c + \epsilon \frac{\partial \vec{E}}{\partial t} \\
 \oint \vec{D} \cdot d\vec{s} = \int \nabla \cdot \vec{D} dV & \nabla \cdot \vec{D} = \rho_v & \nabla \cdot \vec{D} = \rho_v \\
 \oint \vec{B} \cdot d\vec{s} = 0 & \nabla \cdot \vec{B} = 0 & \nabla \cdot \vec{B} = 0
 \end{array}$$

and then there was light.

