



$$\nabla \cdot \vec{D}_{\text{ir}} = \rho_e$$

$$\nabla \cdot \vec{B}_{\text{ir}} = \rho_m$$

$$\nabla \times \vec{H}_{\text{sol}} = \vec{J}_e + \frac{\partial \vec{D}}{\partial t}$$

$$\nabla \times \vec{E}_{\text{sol}} = -\vec{J}_m - \frac{\partial \vec{B}}{\partial t}$$