

(1a)

$$\nabla \cdot \mathbf{E} = \frac{\rho}{\varepsilon_0}$$

(1b)

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

(1c)

$$\nabla \times \mathbf{E} = \mu_0 \mathbf{J} + \mu_0 \varepsilon_0 \frac{\partial \mathbf{B}}{\partial t}$$

(1d)