$$\oint \boldsymbol{E} \cdot \mathrm{d}\boldsymbol{A} = \frac{1}{\epsilon_0} \int \rho \, \mathrm{d}\boldsymbol{V}$$

$$\oint \boldsymbol{B} \cdot \mathrm{d}\boldsymbol{A} = 0$$

$$\oint \boldsymbol{E} \cdot \mathrm{d}\boldsymbol{l} = - \int \frac{\mathrm{d}\boldsymbol{B}}{\mathrm{d}t} \cdot \mathrm{d}\boldsymbol{A}$$

$$\frac{1}{\mu_0} \oint \boldsymbol{B} \cdot \mathrm{d}\boldsymbol{l} = \int \left(\boldsymbol{J} + \epsilon_0 \frac{\mathrm{d}\boldsymbol{E}}{\mathrm{d}t} \right) \cdot \mathrm{d}\boldsymbol{A}$$