$$\nabla^{2}\phi + \frac{\partial(\vec{r}\cdot\vec{A})}{\partial t} = \frac{-f}{\epsilon}$$

$$\nabla^{2}\vec{A} - \frac{1}{c^{2}}\frac{\partial^{2}\vec{A}}{\partial t^{2}} = -n \vec{J} + \vec{r}(\vec{r}\cdot\vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t})$$

$$\vec{F} \cdot \vec{O} \cdot \vec{M} \cdot \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{\partial t} = -n \vec{D} \cdot \vec{A} + \frac{1}{c^{2}}\frac{\partial \phi}{$$

Condition:
$$\frac{2(\vec{r} \cdot \vec{A})}{2t} = 0$$

$$\phi' = \phi - \frac{\partial \chi}{\partial t} \qquad \vec{A} = \vec{A} + \vec{\nabla} \chi$$

$$\vec{A} = \vec{A} + \vec{\nabla} \chi$$

$$\frac{2(\vec{r}\cdot\vec{A}')}{2t} = \frac{2(\vec{r}\cdot\vec{A}+\vec{r}\cdot\vec{r}x)}{2} = 0$$

$$\frac{\partial(\vec{r}\cdot\vec{A})}{\partial t} = -\frac{\partial(\vec{r}\cdot\vec{v}x)}{\partial t} = f(\vec{x},t)$$

Conditions for new gauge

$$\phi' = \phi - 2\chi$$
 $\overrightarrow{A} = \overrightarrow{A} + \nabla \chi$