$$\begin{cases} \nabla \cdot E = \dfrac{\rho}{\varepsilon_0} \\ \nabla \cdot B = 0 \\ \nabla \times E = -\dfrac{\partial B}{\partial t} \\ \nabla \times B = \mu_0 j + \mu_0 \varepsilon_0 \dfrac{\partial E}{\partial t} \end{cases}$$

$$\mu_0 \varepsilon_0 \frac{\partial^2 E}{\partial t^2} = \nabla^2 E$$

$\mu_0 \varepsilon_0 \rightarrow 299\,792\,458 \frac{m}{s}$

$\left( \frac{1}{v^2} \frac{\partial^2 z}{\partial t^2} = \frac{\partial^2 z}{\partial x^2} \right)$