

$$\frac{\partial A_x}{\partial y} - \frac{\partial A_y}{\partial x} = \varepsilon \text{ where } \varepsilon \text{ constant and a}$$

vector function  $\vec{A} = A_x \vec{x} + A_y \vec{y} + A_z \vec{z}$

$$A_x, A_y = ?$$