~ (x,y,z;t)

$$abla x = -\frac{\partial f}{\partial B}$$

$$\nabla \times \overline{H} = \overline{J} + \frac{\partial \overline{D}}{\partial E}$$

$$\nabla \cdot \vec{B} = 0$$

∇

$$\vec{B}$$
 magnetic flux density $\frac{V_S}{m^2} = T$

$$\bar{J}$$
 current density $\frac{A}{m^2}$

$$\xrightarrow{\bar{b}} \longrightarrow$$

$$\vec{b} - \vec{c} = \vec{b} + (-\vec{c})$$



COSINE RULE

$$C^2 = a^2 + b^2 - 2ab \cos \theta$$

$$\bar{c} = \bar{a} - \bar{b}$$

$$\bar{c} \cdot \bar{c} = c^2 = (\bar{a} - \bar{b}) \cdot (\bar{a} - \bar{b}) = a^2 + b^2 - 2\bar{a} \cdot \bar{b}$$

CROSS PRODUCT





