$$\nabla \cdot \overrightarrow{E} = \nabla \cdot (-\phi(c))$$

$$= \left(\frac{-1}{x} y^2, \frac{-1}{y} x^2, \frac{-1}{z} xy\right)$$

$$\nabla^2 \phi = \frac{1}{xyz} \int_{-\infty}^{\infty} 0 \int_{-\infty}^{\infty} = 0 : \text{Lapku', V}$$

$$Poisson's $\nabla^2 \phi = \frac{P}{E_0} = 0$ Consistent you$$

$$div = 0$$

$$cwl = \frac{1}{xy^2}$$

$$-3y -3x = 0$$

$$= -3\hat{u} + 3\hat{u} = 0$$

Electrostatic potantial = 0 : no electrostatic hield

Units

B T (Tesk)
E V_m-1

Ø V

P Cm-3

T Mm-2

