$$\bar{B} = \bar{\nabla} \times \bar{A} = 0$$

$$\nabla \times \overline{B} = M \cdot \overline{J}$$

$$\nabla \times (\nabla \times \overline{A}) = \nabla (\nabla \cdot \overline{A}) - \nabla^2 \overline{A} = M \cdot \overline{J}$$

Analogia:

$$\nabla^{2} \overline{A} = -\frac{P}{\varepsilon_{o}}$$

$$\overline{\nabla^{2} A} = -\mu_{o} \overline{j}$$

$$\overline{\Psi}(\gamma) = \frac{\gamma}{4 \sqrt{7} \varepsilon_{o}} \int \frac{P(\overline{\gamma}) \sqrt{3} \gamma'}{|\overline{\gamma} - \overline{\gamma'}|} \overline{A}(\overline{\gamma}) = \frac{\mu_{o}}{4 \sqrt{7}} \int \frac{\overline{j}(\overline{\gamma}') \sqrt{3} \gamma'}{|\overline{\gamma} - \overline{\gamma'}|}$$

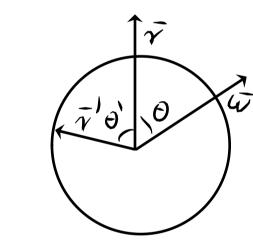
$$\nabla^2 \vec{A} = -\mu_0 \vec{j}$$

$$= \frac{\mu_0}{\bar{j}} \left(\frac{\vec{j}}{\bar{j}} (\vec{j}) \vec{\lambda}^3 \gamma' \right)$$

Welton produ powien Antonego: $R(\theta) = \frac{J\psi}{J+J(\theta)} = \frac{J}{J+J(\theta)} = \frac{J}{J+J(\theta)$ $= \frac{\sigma r^2 \sin \theta d\phi d\sigma}{dt r d\sigma} \bar{e}_{\rho} = \sigma \omega r \sin \theta \bar{e}_{\rho} = \sigma \bar{\omega} \times \bar{\nu}$

$$\bar{A}(\bar{v}) = \frac{\mu_0}{4\pi} \left\{ \frac{\bar{K}(\bar{\theta}) ds}{|\bar{v} - \bar{v}|} = \frac{\mu_0 \sigma}{4\pi} \left\{ \frac{\bar{\omega} x \bar{v}}{|\bar{v} - \bar{v}'|} ds = \begin{cases} 2\pi \bar{t} = \pi \bar{t} \text{ and ws picture day th} \\ \tan x, \text{ aby } \bar{v} = r \bar{e}_{\bar{z}} \end{cases} \right\} = \frac{K}{s(r)}$$

$$\overline{v}' = R \left[\int_{0}^{\infty} |\nabla u | \nabla u | \nabla u \right] = \left[\int_{0}^{\infty} |\nabla u | \nabla u | \nabla u \right] = \left[\int_{0}^{\infty} |\nabla u | \nabla u | \nabla u | \nabla u | \nabla u \right] = \left[\int_{0}^{\infty} |\nabla u | \nabla u |$$



$$=\frac{17-7}{|7-7|}\left[\frac{17+7}{6}\frac{1}{6}\frac{1}{17+7}\right] = \frac{1}{9}\frac{1}{17} = \frac{1}{9}\frac{1}{17} = \frac{1}{9}\frac{1}{17} = \frac{1}{17}\frac{1}{17} = \frac{1}{17}\frac{1}{17}\frac{1}{17} = \frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17} = \frac{1}{17}\frac{1}\frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17}\frac{1}{17$$

$$=\frac{\omega M_{0} \delta R^{3} \sin \theta \dot{e}_{j}}{2} \int_{0}^{1} \frac{\cos \theta'}{|\vec{r} - \vec{r}'|} d\theta = \frac{2}{3} \frac{\omega M_{0} \delta R^{3} \sin \theta \dot{e}_{j}}{2} \left\{ \frac{\frac{v}{R^{1}}}{r^{2}} \right\} + r \cdot R = \frac{M_{0} \delta \omega \sin \theta \dot{e}_{j}}{3} \left\{ \frac{R^{2}}{r^{2}} \right\} + r \cdot R$$

$$= \frac{M_0 \delta}{3} \bar{\omega} \times \bar{\tau} \begin{cases} \frac{R}{R^4} & \tau < R \\ \frac{R^4}{\gamma^3} & \gamma > R \end{cases}$$

$$\bar{B} = \nabla \times \bar{A} = \frac{\mu_{0} \sigma R}{3} \bar{\nabla} \times (\bar{\omega} \times \bar{\tau}) = \frac{\mu_{0} \sigma R}{3} \left(\bar{\omega} (\bar{\nabla} \cdot \bar{\tau}) - \bar{\tau} (\bar{\nabla} \cdot \bar{\omega}) + (\bar{\tau} \cdot \bar{\nabla}) \bar{\omega} - (\bar{\omega} \cdot \bar{\nu}) \bar{\tau} \right) = \frac{\mu_{0} \sigma R}{3} \left(\bar{\omega} (\bar{\nabla} \cdot \bar{\tau}) - (\bar{\omega} \cdot \bar{\nu}) \bar{\tau} \right)$$

$$\overline{B} = \overline{\nabla} \times \overline{A} = \frac{M \times \overline{B} \times \overline{B}}{3} \left(\overline{w} \left(\overline{\nabla} \cdot \frac{\overline{V}}{V^3} \right) - \left(\overline{w} \cdot \overline{V} \right) \frac{\overline{V}}{V^3} \right)$$