$$\int_{0}^{\infty} \frac{e^{2}}{6\pi mc^{2}} \left| \frac{1}{m} \right| = \frac{eh}{2mc}$$

$$N = \mathcal{E} \left[\int_{-\infty}^{\infty} d^3r \left[\frac{1}{r} \times (E \times B) \right] \right]$$

$$\frac{1}{4\pi \xi^{3}} = \frac{1}{4\pi \xi^{3}} = \frac{1}$$

$$\vec{R} = \frac{M_0}{4\pi} \int \frac{3(\vec{m}\vec{r})\vec{r}}{(5)} = \frac{1}{m}$$

$$N = \varepsilon_0 \int_{0}^{3} \int_{0}^{2} \frac{1}{x} \left[\frac{-e\vec{r}}{4\pi \varepsilon_0^{-3}} \frac{3(\vec{m}\vec{r})\vec{r}}{4\pi \varepsilon_0^{-3}} - \frac{1}{\pi} \right]$$

$$= \frac{-\xi_{0}e_{M_{0}}}{16\pi^{2}\epsilon_{0}} \int_{0}^{3} \int_{0}^{3} \left[\frac{1}{r^{3}} \times \left(\frac{3(\vec{m}\vec{r})\vec{r}}{r^{5}} - \frac{m}{r^{3}} \right) \right]$$

$$= -\frac{e}{16\pi^2} \int_{3}^{3} \int_{3}^{2} \left(\overrightarrow{r} \times \overrightarrow{r} \right) - \frac{\overrightarrow{r} \times \overrightarrow{m}}{76}$$

$$= \frac{-e n_0}{16 \pi^2} \left\{ \frac{3(\vec{m}\vec{r})}{8} (\vec{r} \times \vec{r} \times \vec{r}) - \vec{r} \times (\vec{r} \times \vec{m}) \right\}$$

$$= \frac{-eM_{o}}{16\pi^{2}} \int_{-6}^{3} \left[-(--m) - m(--m) \right]$$

$$-r^{2}\frac{eh}{2mc}\left(\cos(\theta)\hat{r}-\sin(\theta)\hat{\theta}\right)$$

$$= -e^{2} + \int_{0}^{2} \int_{$$

$$= + e^{2} \frac{1}{32\pi^{2}} \int_{-4}^{2} \sin(\phi) \hat{\phi}$$

$$=\frac{e^{2}\pi_{o}h}{32\pi mc}\left(\frac{1}{2}\chi^{2}\right)$$