

Hartmann Römer, Theoretical Optics

Skripte

<http://www.itp.physik.tu-berlin.de/schwarz/lehre/WS67/10>

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

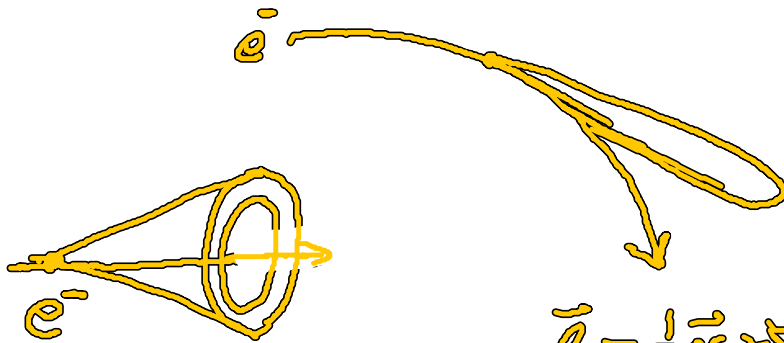
$$\nabla \times \vec{E} = -\dot{\vec{B}}$$

homogene FG

$$\nabla \cdot \vec{D} = \rho$$

$$\nabla \times \vec{H} = \vec{J} + \dot{\vec{D}}$$

inhomogene FG



magn. Mom. $\vec{m} = \mu_B \vec{\ell}$

$$\vec{\ell} = \frac{1}{i} \vec{r} \times \nabla$$

$$[\vec{m}] = [\mu_B] = \frac{J}{T} = \frac{VA_s m^2}{Vs}$$