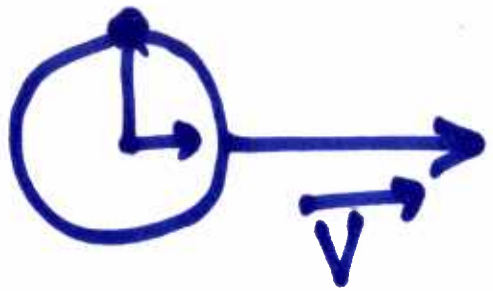
$$c = \frac{1}{\sqrt{\epsilon_0 \mu_0}}$$

$$\vec{v}_m = \vec{C} - \vec{V}$$

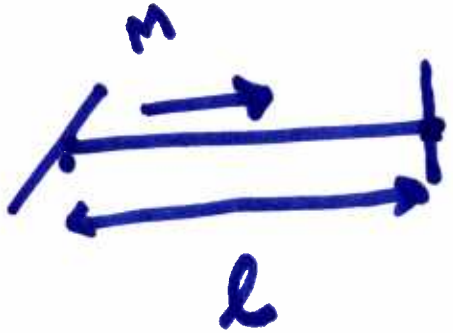
$$\vec{v}_m + \vec{V} = \vec{c}$$

$\vec{v}_\perp$

$\vec{v}_\parallel$



ω_m



$$\frac{l}{c-u}$$

$$\frac{l}{c+u}$$

$$\frac{2l}{c}\left(\frac{1}{1-\frac{v^2}{c^2}}\right)$$

$$\frac{2l}{c}\left(1-\frac{v^2}{c^2}\right)^{-1}$$

$$\approx \frac{2l}{c}\left(1+\frac{v^2}{c^2}\right)$$

$$c = \nu \lambda$$

$$= \frac{1}{T} \lambda$$

$$T = \frac{\lambda}{c}$$