BOTTIGLIA MAGNETICA

SPECCHIO MAGNETICO

SPETTROMETRI DI MASSA

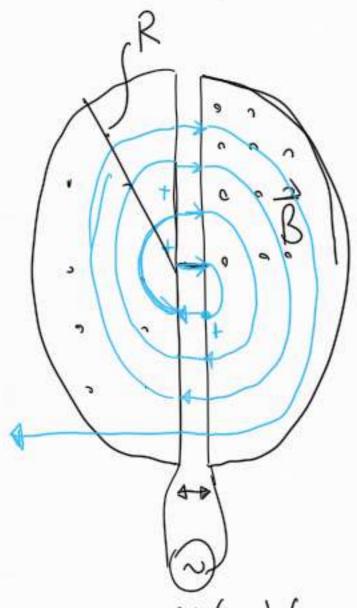
5. DI DEMPSTER

$$U_{K} = \frac{1}{2} m v^{2} = Q \Delta V \Rightarrow v = \sqrt{\frac{2q \Delta V}{m}}$$

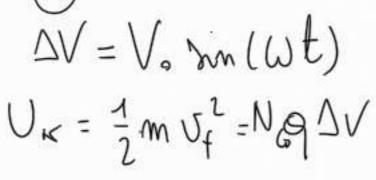
$$v = \frac{m v}{9B} = \sqrt{\frac{2\Delta Vm}{3^{2}q}} \Rightarrow$$

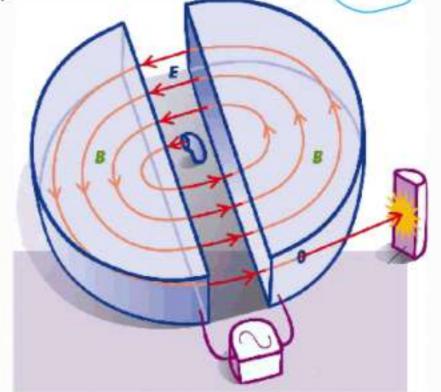
$$\frac{M}{9} = \frac{2B^2}{2\Delta V}$$

CICLOTRONE



$$T = \frac{2\pi m}{9B} = Th = \frac{\pi m}{9B}$$
Se
$$\omega = \frac{\pi}{Th} = Th$$





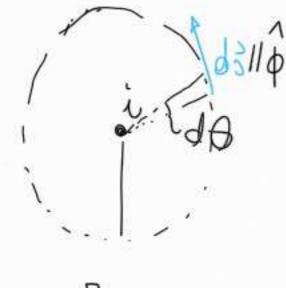
$$|d\vec{R}| \sim \frac{1}{R^2}$$

$$|d\vec{R}| \propto i$$

$$|d\vec{R}| \sim i$$

$$|d\vec{R}$$

$$d\vec{B}(\vec{r}) = \mu_0 i dl t \hat{r} \hat{r} = \mu_0 i dl \hat{r} \hat{r}$$



$$\frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi}$$

$$\int_{0}^{C} \vec{\beta} \cdot d\vec{s} = -\frac{\mu_{0} \vec{\lambda}}{2\pi} \theta$$

$$\frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} = \frac{1}{2\pi} \frac{1}{2\pi} \frac{1}{2\pi} = 0$$

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