SPETTROMETRI DI MASSA 9 DIFFERENTI M

$$U_{k} = 9\Delta V = \frac{1}{2}mv^{2} \Rightarrow v = \sqrt{\frac{29\Delta V}{m}}$$

$$2 = \frac{mv}{9B} = \frac{m}{9B}\sqrt{\frac{29\Delta V}{m}} = \sqrt{\frac{2m\Delta V}{9B^{2}}} = \frac{1}{9B^{2}}$$

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

S. DI BAINBRIDGE

SELETIORE DI VELOCITÀ

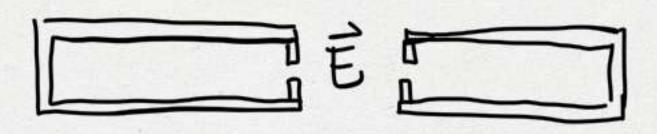
$$Q \vec{E}_s + q \vec{w} \times \vec{B}_s = \vec{F}_{\tau \circ \tau} = 0$$
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CICLOTRONE TERAPIA ADRONICA

$$T = \frac{2\pi}{\omega} = \frac{2\pi m}{9B}, T_{H} = \frac{1}{2}$$

$$\omega_{RF} = \omega, \omega = \frac{9B}{m} = \frac{2B}{m}$$

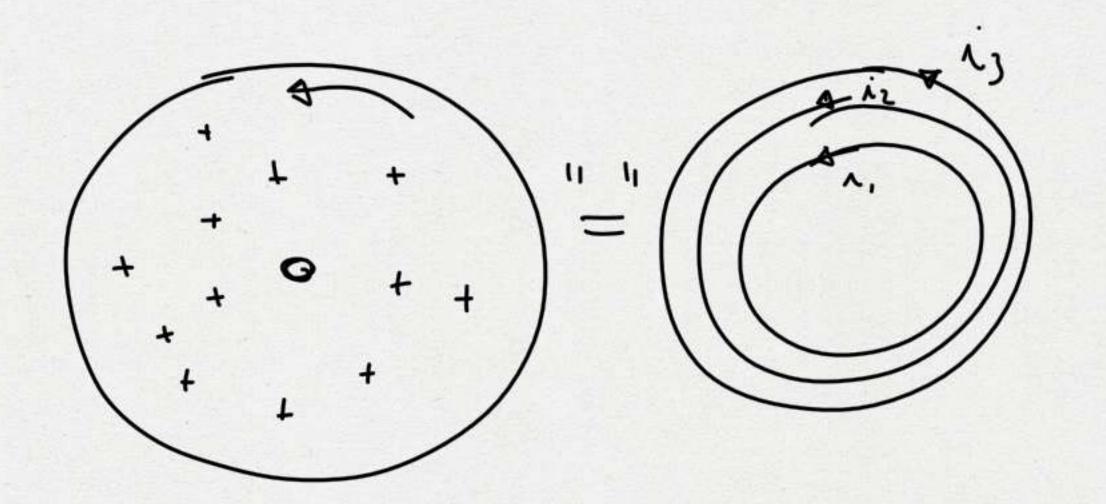
$$R = \frac{mv_{Hax}}{9B} \Rightarrow v_{Hax} = \frac{R9B}{m}$$



1) ARIO BRESSANINI

$$\vec{B} = \frac{\mu_0}{4\pi} = \frac{9\vec{v} \times \hat{z}}{z^2}$$
 comp generation de une corrice q che si musore con  $\vec{r}$ 

$$\vec{J} = \frac{\lambda}{\xi}, \ \vec{J} = m \cdot 9\vec{v}$$



## LEGGE DI AMPERE

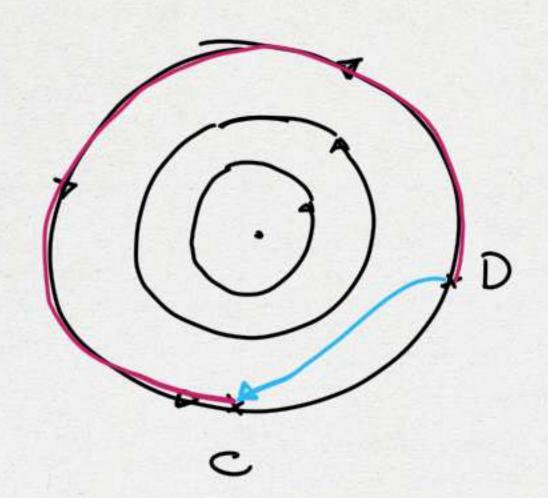
TEORETTA DI GAUSS PERÈ: E 40 9

TEOREMA DI AMPERE: B 40 1

FILO

$$\hat{\beta}(R) = \frac{\mu_0 \dot{\nu}}{2\pi 2} \hat{\phi}$$

$$\hat{\beta}(R) = \frac{\mu_$$



$$\vec{B}(\vec{z}) = \frac{\mu_0 \lambda}{2\pi 2} \hat{\varphi}$$

$$\int \vec{B} \cdot d\vec{s} = \int_{c}^{D} \frac{\mu_0 \lambda}{2\pi 2} ds = \int_{c}^{D} \frac{\mu_0 \lambda}{2\pi 2} d\theta = \int_{c}^{D} \frac{\mu_0 \lambda}{2\pi} d\theta = \frac{\mu_0 \lambda}{2\pi} \theta$$

$$\int \vec{B} \cdot d\vec{s} = \int \vec{B} \cdot (d\vec{s}_p + d\vec{s}_o) = \int \vec{B} \cdot d\vec{s}_p = \int_{c}^{D} \frac{\mu_0 \lambda}{2\pi} d\theta = \frac{\mu_0 \lambda}{2\pi} \theta$$

$$\vec{B} \cdot d\vec{s} = \int_{c}^{D} \vec{B} \cdot d\vec{s} + \int_{c}^{C} \vec{B} \cdot d\vec{s} = \frac{\mu_0 \lambda}{2\pi} \theta + \left(-\frac{\mu_0 \lambda}{2\pi} \theta\right) = 0$$

$$\vec{B} \cdot d\vec{s} = \int_{c}^{D} \vec{B} \cdot d\vec{s} + \int_{c}^{C} \vec{B} \cdot d\vec{s} = \int_{c}^{D} \vec{A} \cdot d\vec{s} + \int_{c}^{C} \vec{B} \cdot d\vec{s} = \int_{c}^{D} \vec{A} \cdot d\vec{s} + \int_{c}^{C} \vec{B} \cdot d\vec{s} = \int_{c}^{D} \vec{A} \cdot d\vec{s} + \int_{c}^{C} \vec{B} \cdot d\vec{s} + \int_{c}^{C} \vec{A} \cdot d\vec{s} + \int_{c}^{C} \vec{A} \cdot d\vec{s} = \int_{c}^{D} \vec{A} \cdot d\vec{s} + \int_{c}^{C} \vec{A} \cdot d\vec{s} + \int_$$

TEOREMA DI AMPERE φB·d5=μ.Σiκ le ix sons tutte le coventi concotenate al communo C  $\frac{1}{\lambda_2} \frac{1}{\lambda_3 \times 1} = \frac{1}{\lambda_3 \times 1} \frac{$ le ix vouvront pruse col vous guests φB.d= μ. (i,+iz- h3)