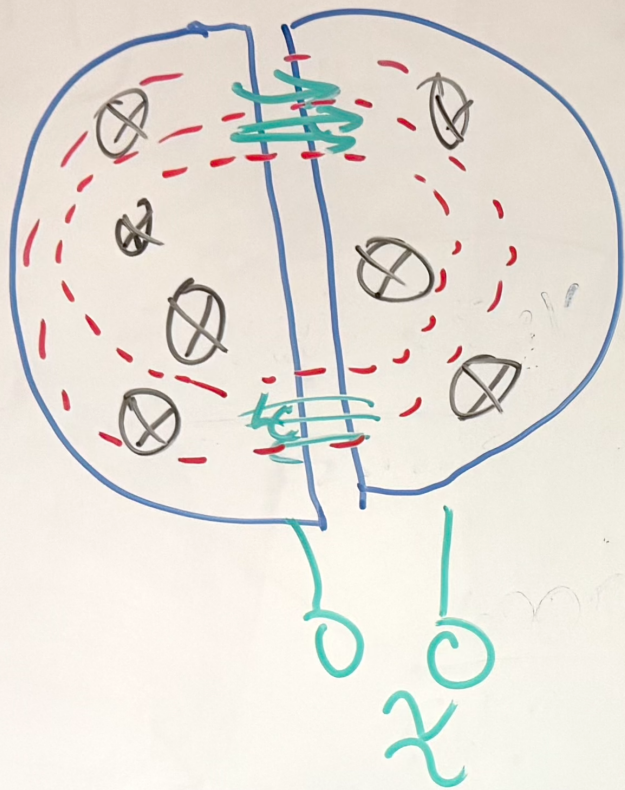




Cyclotron
frequency

$$p = q \cdot r \cdot B$$

$$V = \frac{p}{m} \quad \omega = \frac{2\pi}{T = \frac{2\pi r}{v}} \quad \therefore \frac{V}{r} = \frac{p}{rm} = \frac{q \cdot B}{m}$$