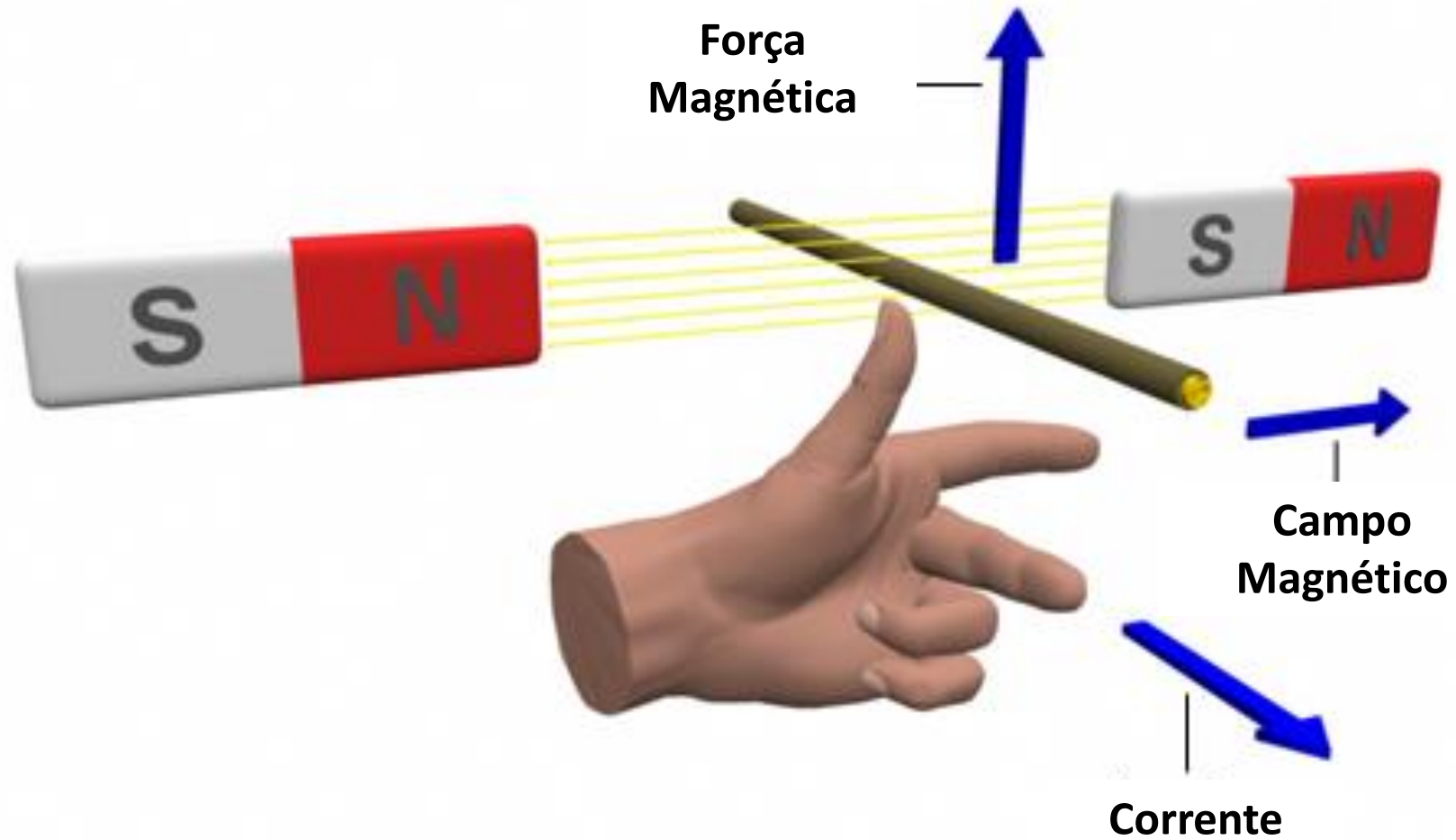


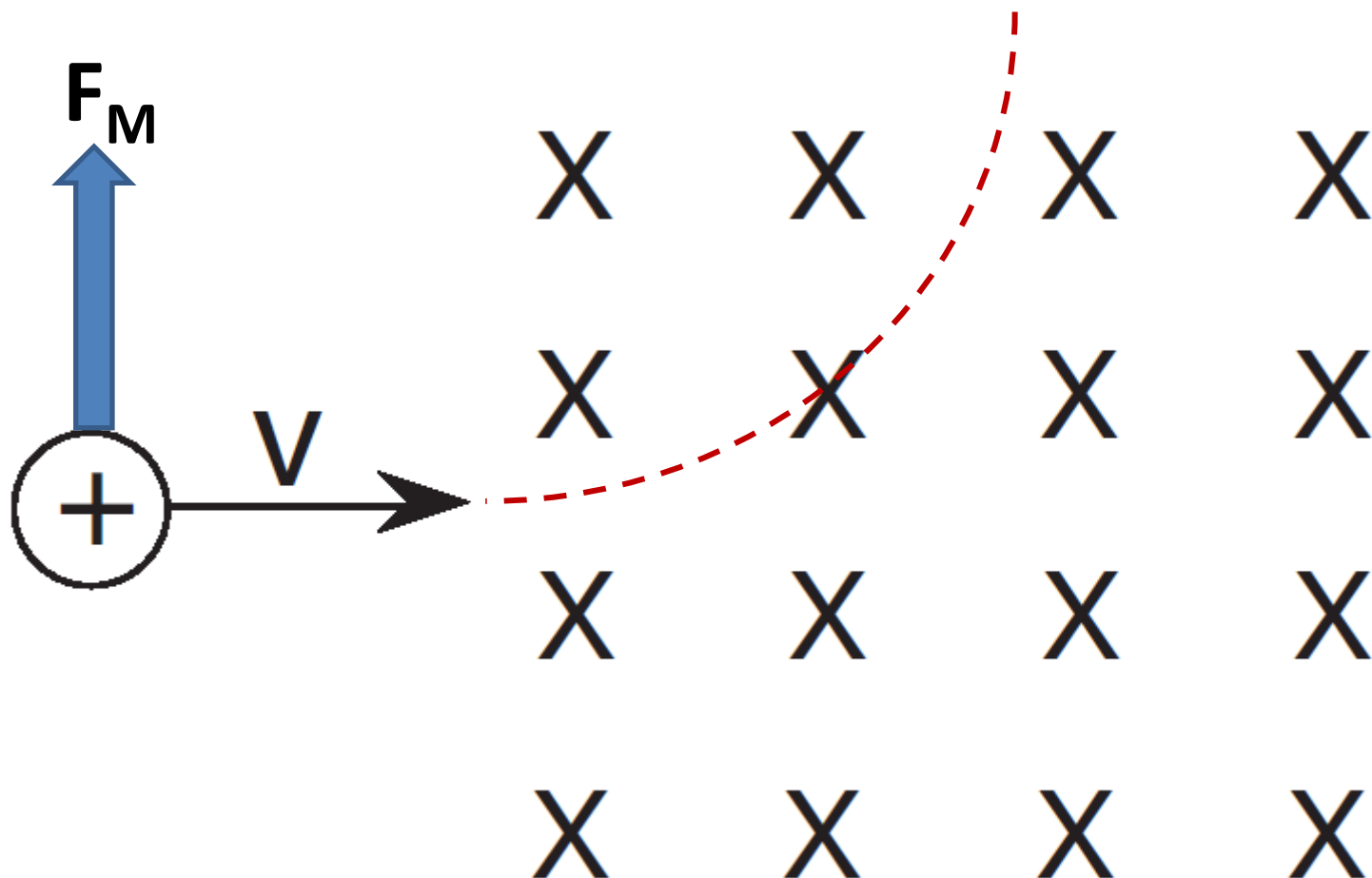
Movimento de cargas no campo magnético

Prof. Jadoski
Física

Força magnética

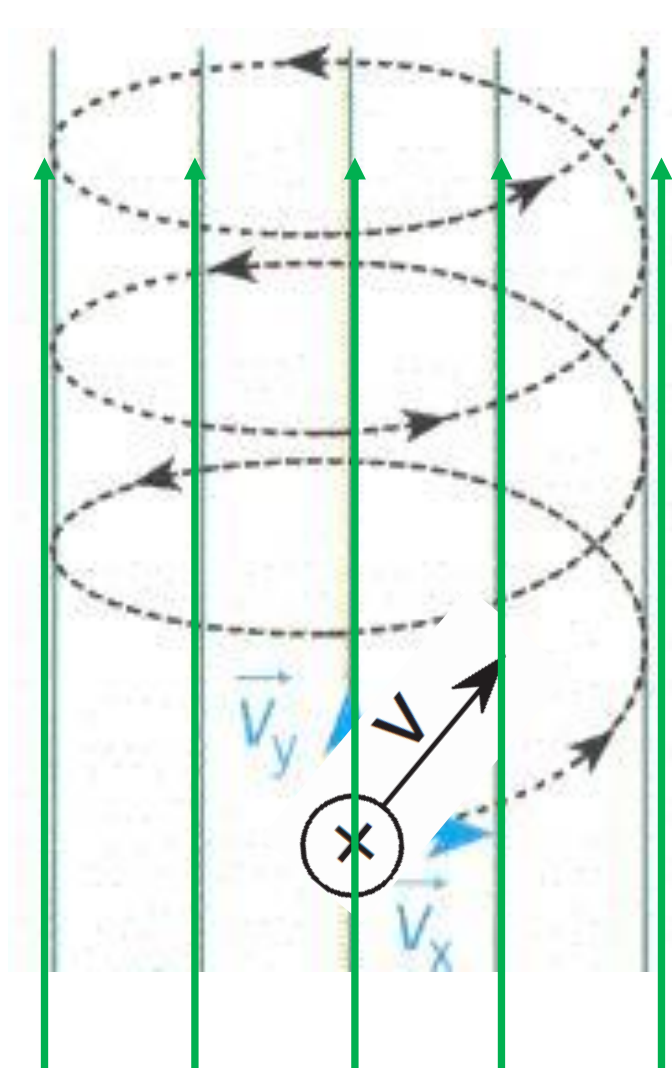
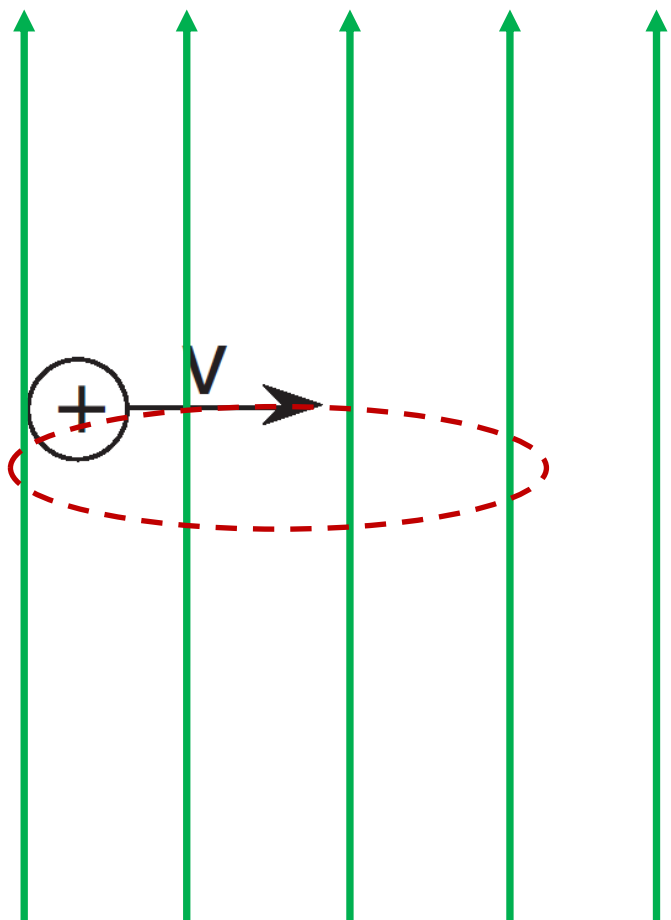


Força magnética

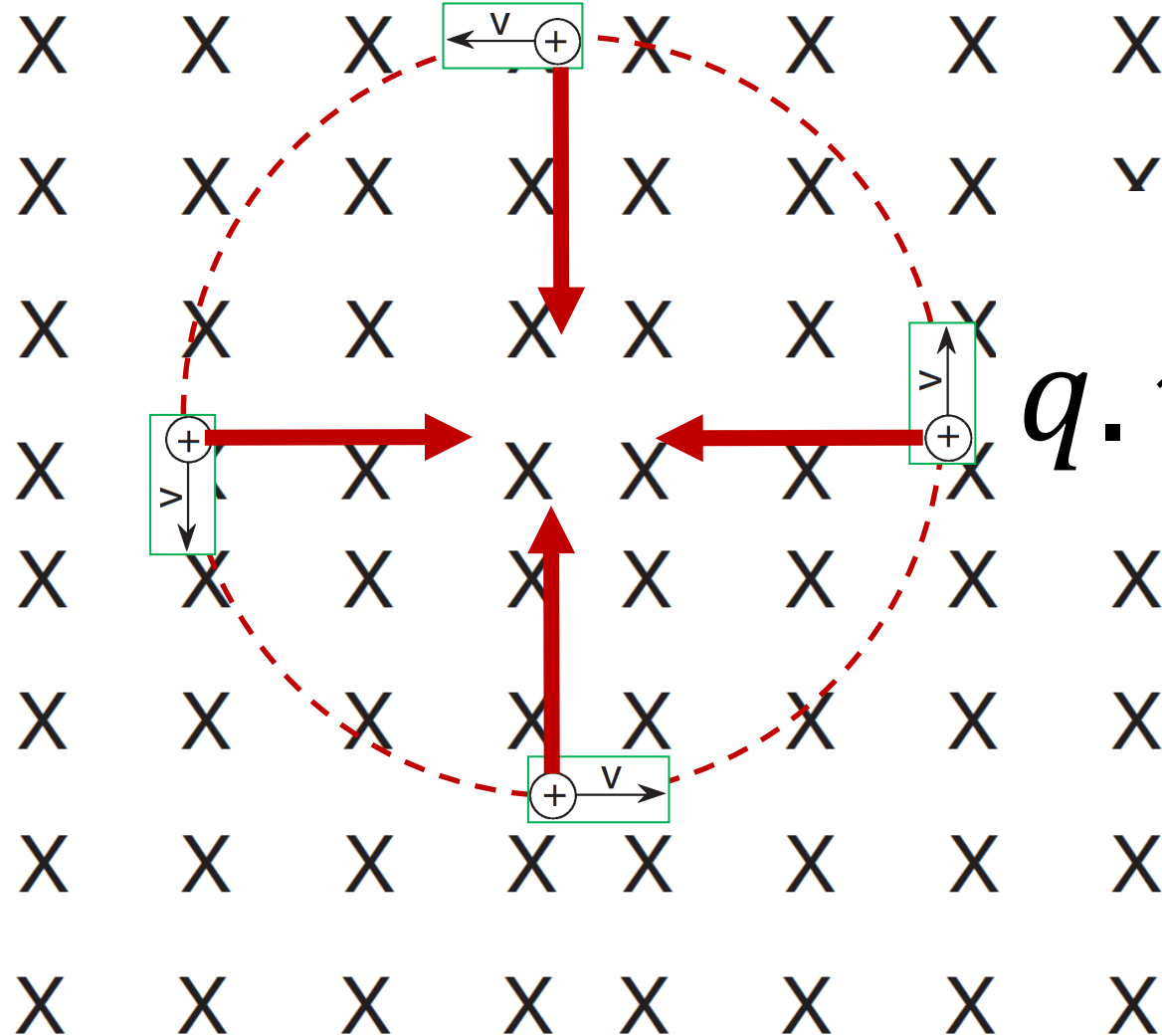


Força magnética

$$F_m = q.V.B.\text{sen}\theta$$



Força magnética

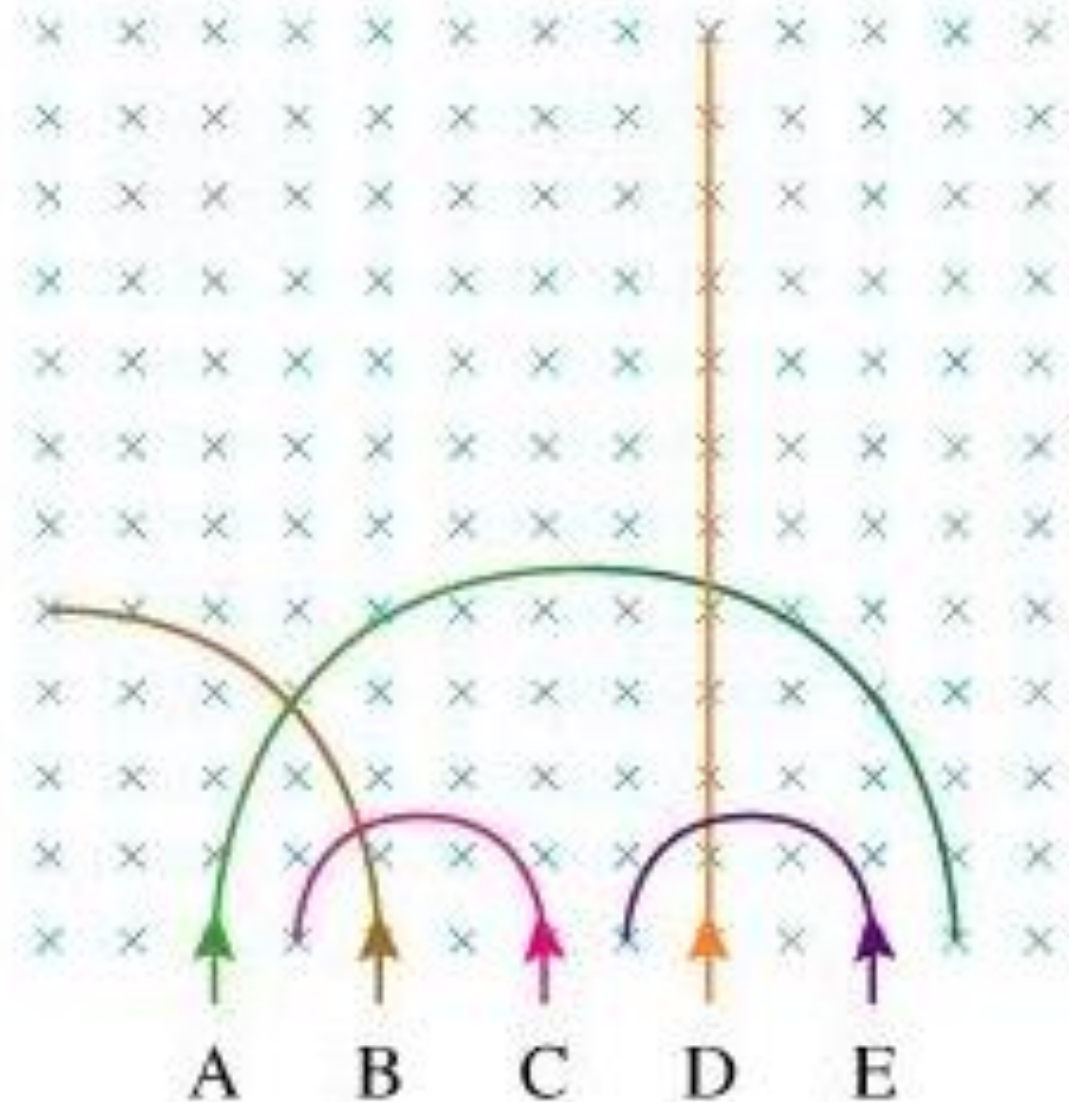


$$F_m = F_c$$

$$q \cdot v \cdot B = \frac{m \cdot v^2}{R}$$

$$R = \frac{m \cdot v}{q \cdot B}$$

Desvio de diversas partículas



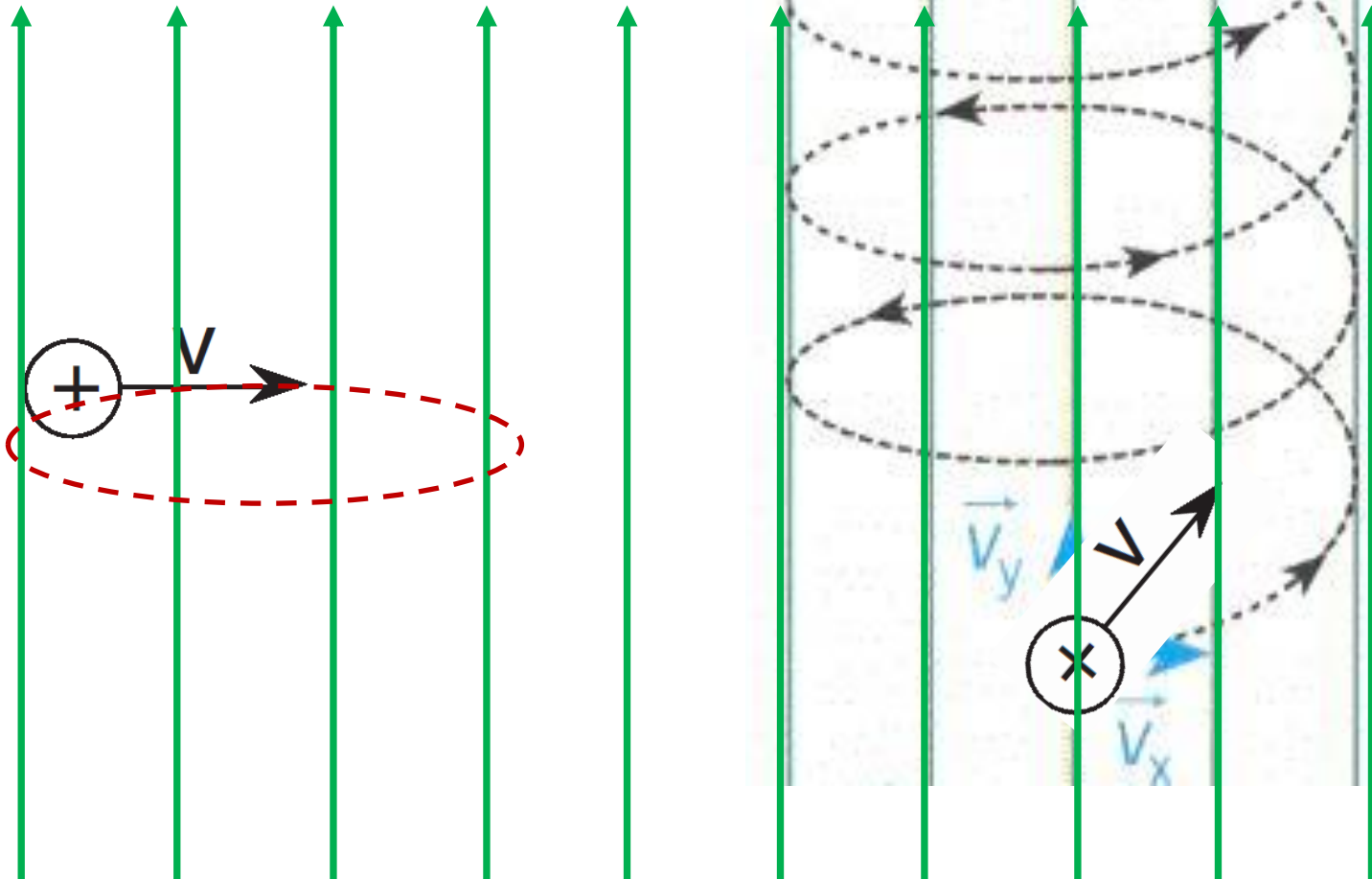
$$R = \frac{m \cdot V}{q \cdot B}$$

$$F_m = q.V.B.\text{sen}\theta$$

$$R = \frac{m.V}{q.B}$$

$$V = 2\pi Rf$$

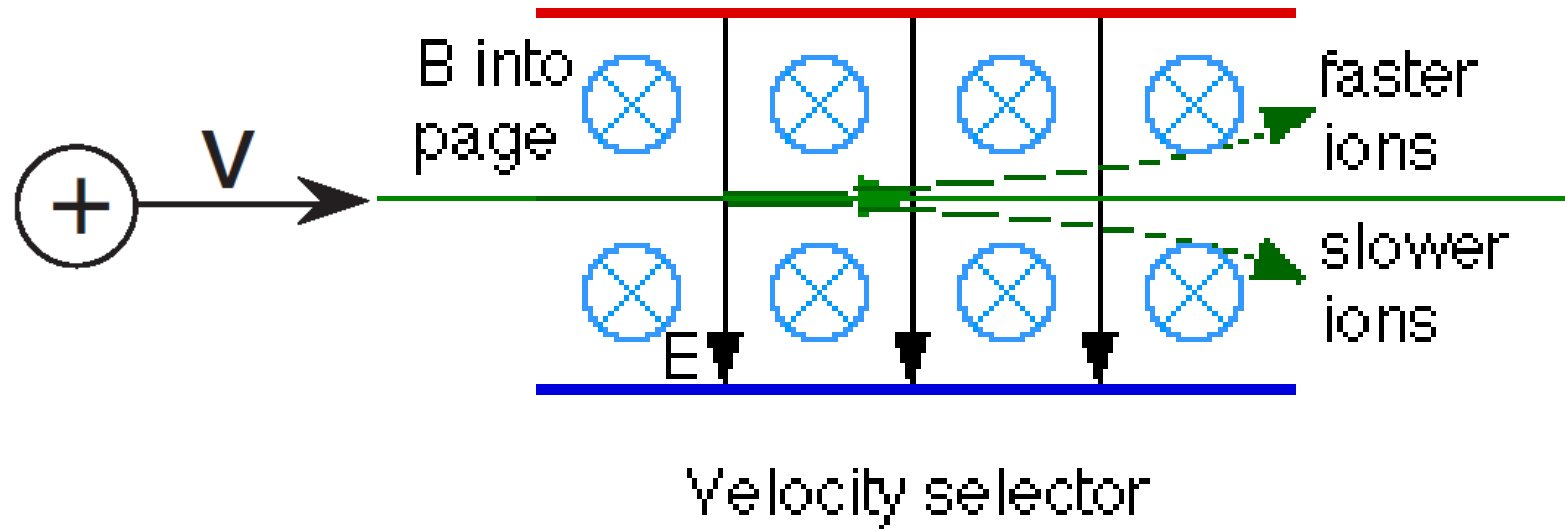
$$T = \frac{2\pi m}{q.B}$$



Caso do campo E e do campo B

$$F_m = F_E$$

$$q \cdot v \cdot B = E \cdot q$$



$$v = \frac{E}{B}$$

Movimento de cargas no campo magnético

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