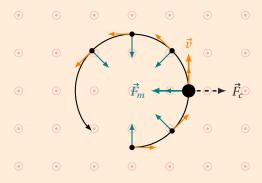
220622MAG03E

radius of the path in uniform magnetic field



$$\vec{B} \circ \vec{v} \rightarrow q \circ \vec{F}_m \rightarrow$$

$$F_m = F_c \Rightarrow q v B = \frac{m v^2}{r} \Rightarrow r = \frac{m v}{q B}$$