Hello, world!

A+$A_1 \cos \theta + A_2 \cos 2\theta + A_3 \cos 3\theta by B + B_1 \cos \theta$

$$\vec{F} = q\vec{v}\vec{B}\sin(\theta)$$

$$m\frac{v^2}{r} = qvB$$

$$\frac{2qV}{r} = qvB$$

$$\frac{2qV}{r} = qB\sqrt{\frac{2qV}{m}}$$

$$\frac{V}{r} = B\sqrt{\frac{q}{2m}}\sqrt{V}$$