

Hello, world!

$$A+A_1\cos\theta+A_2\cos2\theta+A_3\cos3\theta by B+B_1\cos\theta$$

$$\begin{aligned}\vec{F} &= q\vec{v}\vec{B}\sin(\theta) \\ m\frac{v^2}{r} &= qvB \\ \frac{2qV}{r} &= qvB \\ \frac{2qV}{r} &= qB\sqrt{\frac{2qV}{m}} \\ \frac{V}{r} &= B\sqrt{\frac{q}{2m}}\sqrt{V}\end{aligned}$$