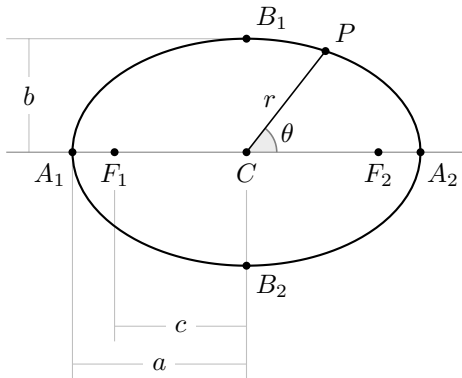


$$r(\theta) = \frac{ab}{\sqrt{(a \sin \theta)^2 + (b \cos \theta)^2}}$$



$$r(\theta) = \frac{a(1 - e^2)}{1 \pm e \cos \theta}, \quad e = \sqrt{1 - \frac{b^2}{a^2}}$$

