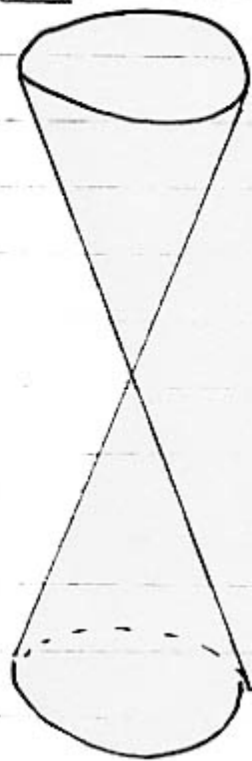


Conic Sections in Polar Coordinates.

Take a right circular cone in 3-Dimensional space. Then slice it with a plane. The curve or curves which you get are called a conic section.



There are 3 types that you get, depending upon the angle that the plane makes with the axis of the cone and with the sides.

Ellipses (special case are circles)

Parabolas

Hyperbolas