

Fig. 2.4. The intersections of planes at different angles with the surface of a cone form the family of curves known as the conic sections.

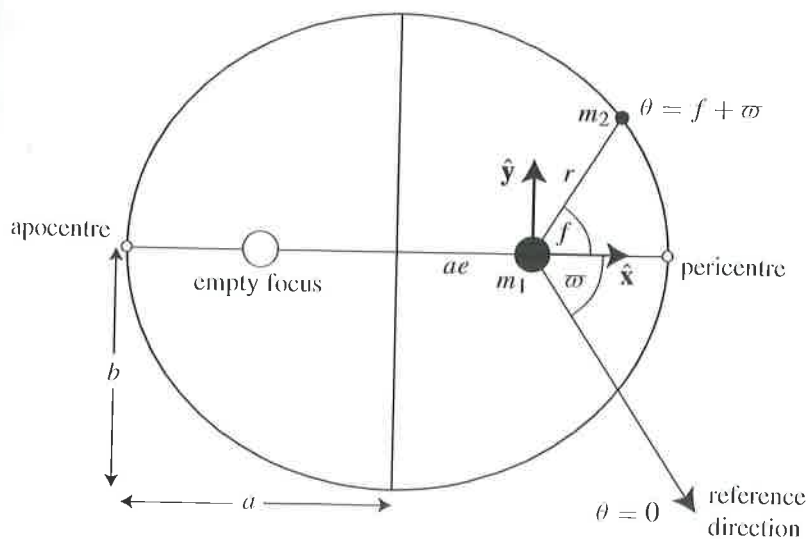


Fig. 2.5. The geometry of the ellipse of semi-major axis a , semi-minor axis b , eccentricity e , and longitude of pericentre ϖ .