Lecture 3

Trajecting Egn: r= P p = Semi-latus redum= h2/11 e = exentricity = "how un-circular is the Caic section" e=0 = circular abit 0<e<1 = ellipse esi: parabala e>1 : hyperbola V = true angualy = the angle from periapsis to the 5/c's leader: periapsis = the point on the orbit that is closest to the central body. Periapsis a= Semi-major axis perigee = point closest to Earth penjave = - · Jupitar perihelian=11 Sun Pen wrokle = close to purple appropris = point on the orbit that is fortheat from the focus سواانهعو - Circle Degenerate Couics: line, point b= seni-minor axis pe semi-letus rectum C: distance from focus to conter e = C



