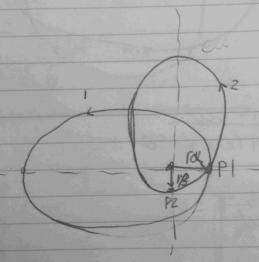
HW3

6.31

ecci - eccz



$$\Gamma_{2}(0^{\circ}) = \Gamma \beta$$

$$\Gamma_{2}(90^{\circ}) = \Gamma \alpha$$

$$\Gamma_{1}(0^{\circ}) = \Gamma \alpha$$

r= h2 (Itell cost)

$$r_{3} = r_{2}(0) = \frac{h_{z}^{z}}{n} \left(\frac{1}{1+ecc}\right), r_{\alpha} = r_{z}(90) = \frac{h_{z}^{z}}{n}, r_{\alpha} = r_{1}(0) = \frac{h_{z}^{z}}{n} \left(\frac{1}{1+ecc}\right)$$

$$\frac{h_2^2}{m} = \frac{h_1^2}{m} \left(\frac{1}{1 + eec} \right), \quad h_2 = \sqrt{h_1^2 \frac{1}{1 + eec}} = h_1 \frac{1}{\sqrt{1 + eec}}$$