Geodésicas Aportiento

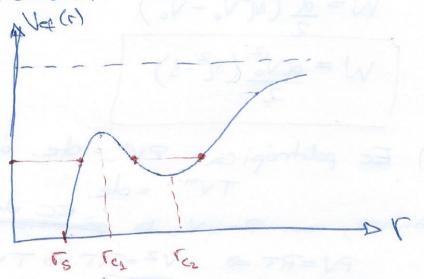
Net (L) =
$$\left(7 - \frac{L}{Te}\right)\left(w + \frac{L_S}{T_S}\right)$$

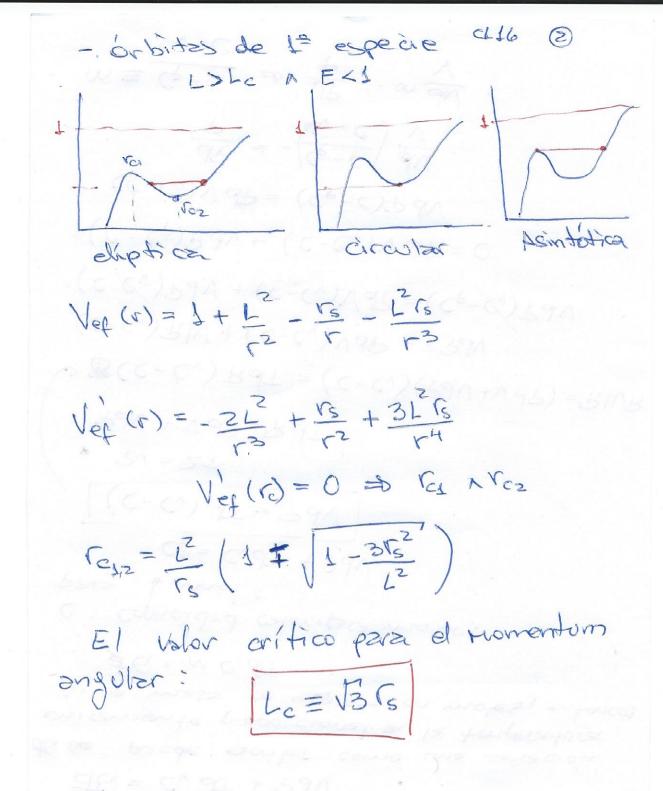
Para particules masives m=1 (for normalización)

$$\frac{1}{\sqrt{1-\frac{r_s}{r}}}$$

El potencial

1





CL 18 3 Orbitzs confinedes => L7Lc (A E<1) r= E2 = 1 - L2 + rs + rs + rs - r3 $F^{2} = (E^{2} - 1) + \frac{\Gamma_{S}}{\Gamma} - \frac{L^{2}}{L^{2}} + \frac{\Gamma_{S}L^{2}}{\Gamma}$ Definemos (EER) 82=1-E2>0 02 = V₈L - L + 15 - 8² recordences que prof = L i = de dr = L dr = - L d(1/r) # Hacemos le=4r + L2/du/2 = 15L213-L212+15U-E2 $\left(\frac{du}{d\phi}\right)^2 = \Gamma_S \mu^2 - \mu^2 + \frac{\Gamma_S \mu - \left(\frac{S}{L}\right)^2}{\Gamma^2}$

CL 36 (A)

O bien

$$\frac{du}{d\phi} = \frac{1}{\sqrt{3}(u)} \sqrt{r_s}$$
 $\frac{du}{d\phi} = \frac{1}{\sqrt{3}(u)} \sqrt{r_s}$
 $\frac{du}{d\phi}$

 $= \mu^{3} - \mu^{2} (\mu_{0} + \mu_{1} + \mu_{2}) + \mu(\mu_{0} + \mu_{1} + \mu_{2})$ $+ \mu_{1} \mu_{2}) + \mu_{0} \mu_{1} \mu_{2}$ $= \mu^{3} - \mu^{2} (\mu_{0} + \mu_{1} + \mu_{2}) + \mu(\mu_{0} + \mu_{1} + \mu_{2})$ $+ \mu_{1} \mu_{2}) + \mu_{0} \mu_{1} \mu_{2}$ $= \frac{1}{2}$ $= \frac{1}{2}$