(3) 8 - a(1+ coso) do = a(sino) wered to the for the form Wehare $\frac{1}{p^2} = \frac{1}{\partial^2} + \frac{1}{\partial^4} \left[\frac{\partial s}{\partial o} \right]^2$ = 1 + 1 (casino) (soils) = 1 = 12+ 02 (usino) . (whis) = + + + s $\frac{1}{p^2} = \frac{1}{3^2} + \frac{\alpha^2}{3^4} (1 - \cos^2 \theta) - 0$ Given 9= a (1+coso) x = (1+6010) Coso = 1 + 8 = [(178 - 9) Substituting eggs in weget. $\frac{1}{p^2} = \frac{1}{\delta^2} + \frac{a^2}{\delta^4} \left[1 - \left[\frac{a + \delta^2}{a} \right]^2 \right]$ $=\frac{1}{\delta^2}+\frac{\alpha^2}{\delta^4}\left[1-\frac{(\alpha+\delta)^2}{\alpha^2}\right]$ $=\frac{1}{8^2}+\frac{\alpha^2}{8^4}\left[\frac{\alpha^2-\left[\alpha^2+3^2-3\alpha^4\right]}{\alpha^2}\right]$ = 1/2 + ox [- 62-82+2017] 2 \frac{1}{32} + \frac{2018}{34} - \frac{8^2}{34} = \frac{1}{32} + \frac{100}{33} - \frac{1}{32}

2ap2 = x3