Length of the perpendhular form the fole to the tourgent. - fedal Eg? (pr &g"s) Tedal Equation: 1 = 28in b from O, we have O. 2a = (1+coso) ->0. 2(141050) A219. 20= (1+6000) =) x((+coso)= 2a. => x. (-8ino) + (1+ coso) do =0 Da = 2 cos 20/2 a = cos 20/2 (1 tuso) dr = r sin 0 dr = risino do 1 tusso do = 1+0080 = 200 1+0080 => 2 do (1+1080) = Scost 42 = cot 0/2 dr 16500 = 216500/2-1080/2 = cot 0/2 tand, = cot of > tond = lan (- 0/2) d = 1 -0 p= rosinp = 8 85 n (T -0) = ~ cas 0/2 $\frac{P}{8} = \cos \theta_{1} = \frac{1}{87} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$

$$\frac{\partial^{n}}{\partial t} = \frac{\partial^{n}}{\partial t} = \frac{\partial^{n}}{\partial$$

Indo am (cosmo-sinmo) do am (cosmo-simo) = am (cosmo-simo) => 2 do go (cosmo + sinmo)

dr am (cosmo - sinmo) =) tamp = 1'+ tammo => (\$ = \tau + 000) p= 8 son p \$ 2 8 son (1 + mo.) = r (sin(7) * cosmo + cosmo). sin(ma) = 8 (608m 0 + 85nm 0) = 35 (cos mo + 15 m mo) $=\frac{3^{m+1}}{2}\frac{16^{2m}}{2^{p-3}m+1}$