

$$\beta_1 + \beta_2 = 0$$

$$r = \frac{p}{\cos \theta}$$

$$\frac{dr}{ds} = \frac{r}{a}$$

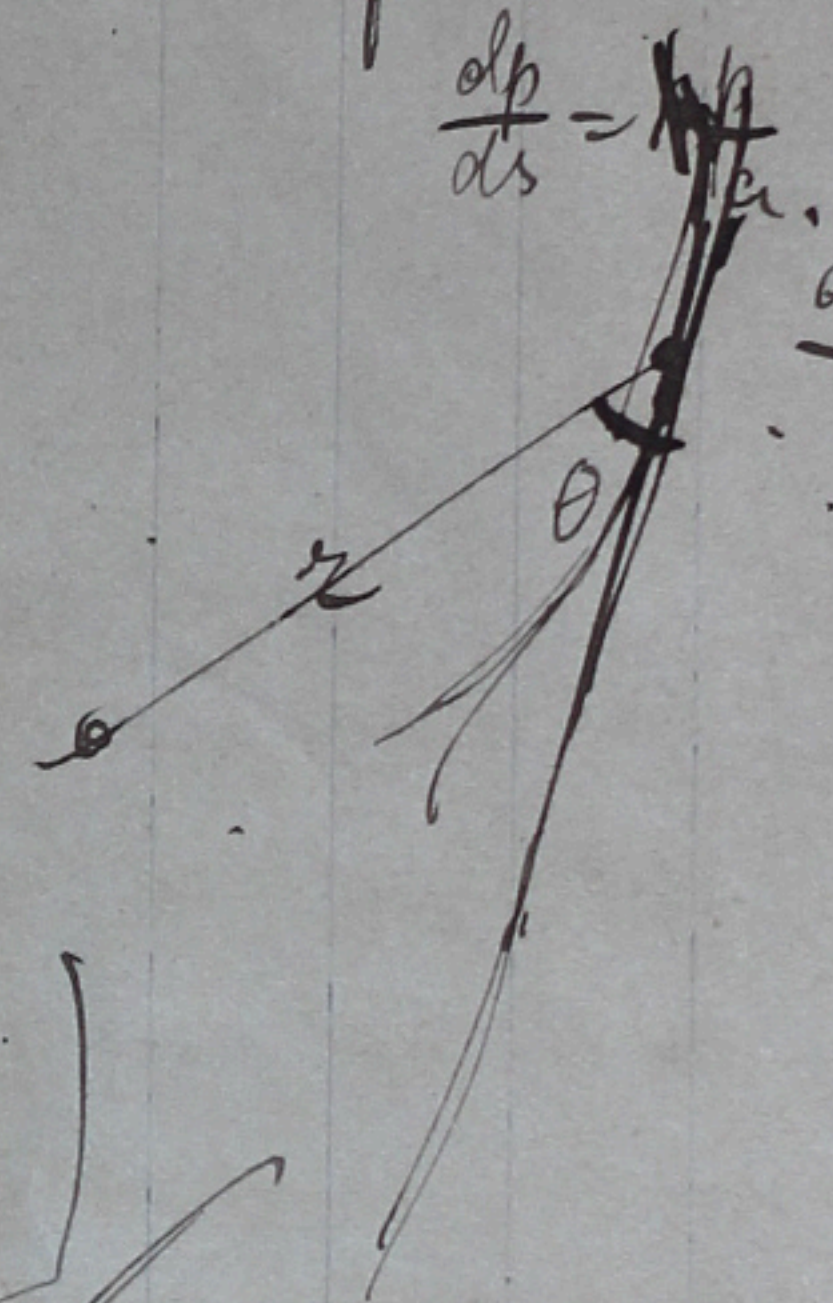
$$L_{sp} = ks + \dots$$

$$\frac{dp}{p} = k ds \quad \frac{dr}{ds} = \frac{r}{a}$$

$$\frac{dp}{ds} = \frac{p}{a}$$

$$a \cos \theta = r$$

$$r' = \frac{r}{a} - 1$$



$$(x+a\lambda)^2 + (y+a\mu)^2 + (z+a\nu)^2 = k^2 a^2 e^{2mz/a}$$

$$(x-a\lambda)^2 + (y-a\mu)^2 + (z-a\nu)^2 = k^2 a^2 e^{-2mz/a}$$

$$-(x+a\lambda) = mk a e^{mz/a}$$

$$+(x-a\lambda) = mk a e^{-mz/a}$$

$$-pa\lambda = \frac{mk^2}{a} a (e^{mz/a} + e^{-mz/a})$$

$$-\frac{z+a\nu}{p} + 1 = 2mk e^{mz/a}$$

$$-\frac{z-a\nu}{p} + 1 = 2mk e^{-mz/a}$$