Napoli
Via Tasso

2 Sett: 99

[illegible]

[illegible]

Caro Cesaro

Fammi il piacere di scrivermi la data precisa della tua nascita. (sezione Porto è vero?) Mi occorre per la iscrizione elettorale s'intende. Che faremo per sostituire Cua? Penserei di chiamare del Re. Che te ne pare? Io resto pochi giorni a Napoli poi verso il 10 corr: vado ad Isola Liri. Saluti.

Aff.

P. del Pezzo

[illegible]

~~$(\alpha+\beta s)^2$~~ $-\gamma$

$$\frac{1}{\rho} = \frac{\alpha+\beta s}{a+bs+cs^2}$$

$$\rho = \frac{a+bs+cs^2}{\alpha+\beta s}$$

~~$\rho = ks$~~

$$\rho = ks$$

$$s = a\frac{\rho}{r}$$

$$\rho = \frac{ka}{r}$$

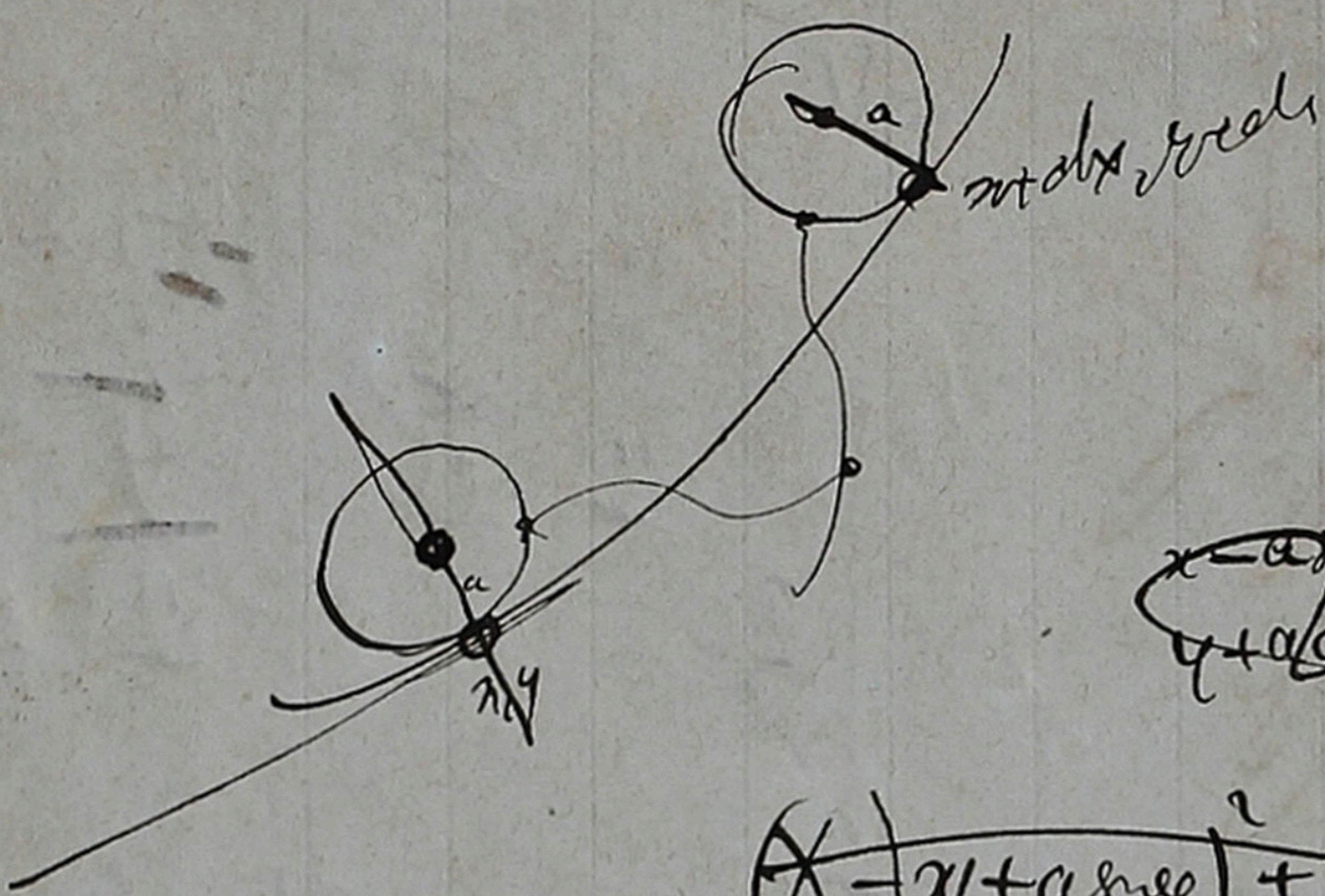
$$r = ka$$

$$\rho = a + \frac{s^2}{c}$$

$$\rho = ks$$

$$\frac{\rho^2+r^2}{\rho r^2} = \frac{1}{a}$$

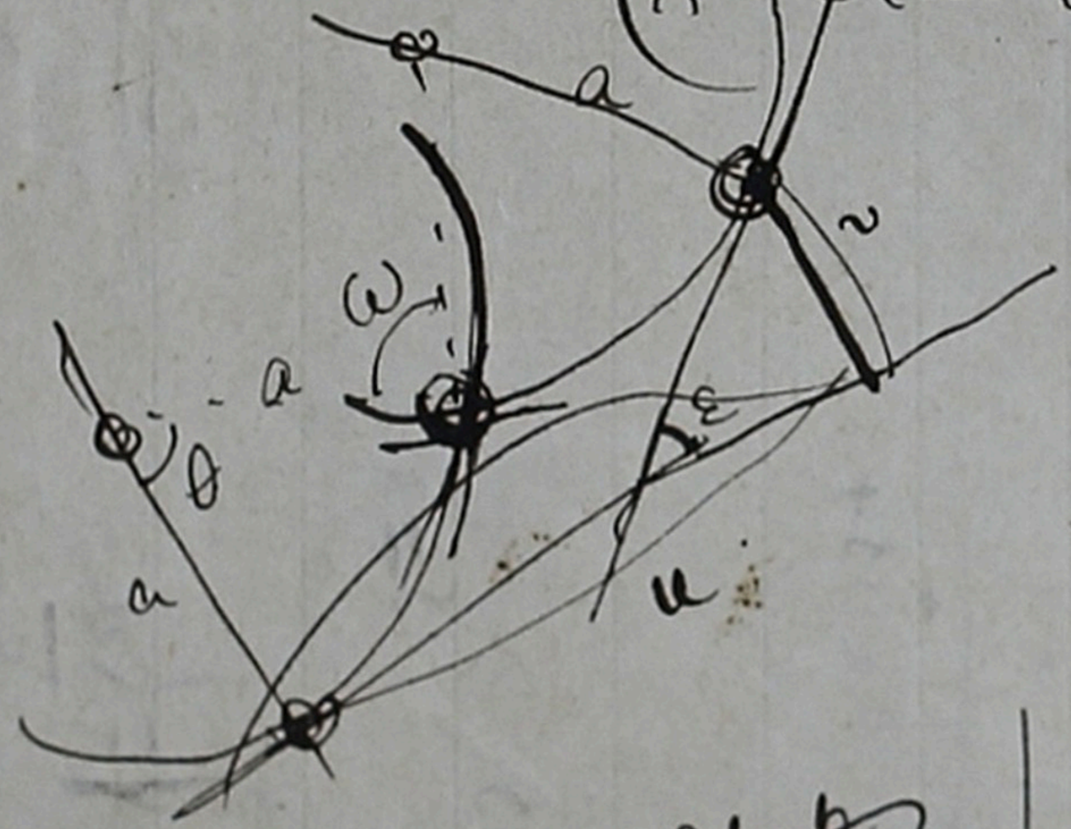
$$\frac{\rho}{a} = \rho + \rho' \cdot \frac{k'\rho^2}{r^2}$$



~~$x - a\sin\varphi$~~
~~$y + a\cos\varphi$~~

$\sin\varphi + \cos\varphi$

~~$(X - x + a\sin\varphi)^2 + (Y - y - a\cos\varphi)^2 = a^2$~~



$$(X-x)^2 + (Y-y)^2 + 2a\left[(X-x)\sin\varphi - (Y-y)\cos\varphi\right] = 0$$

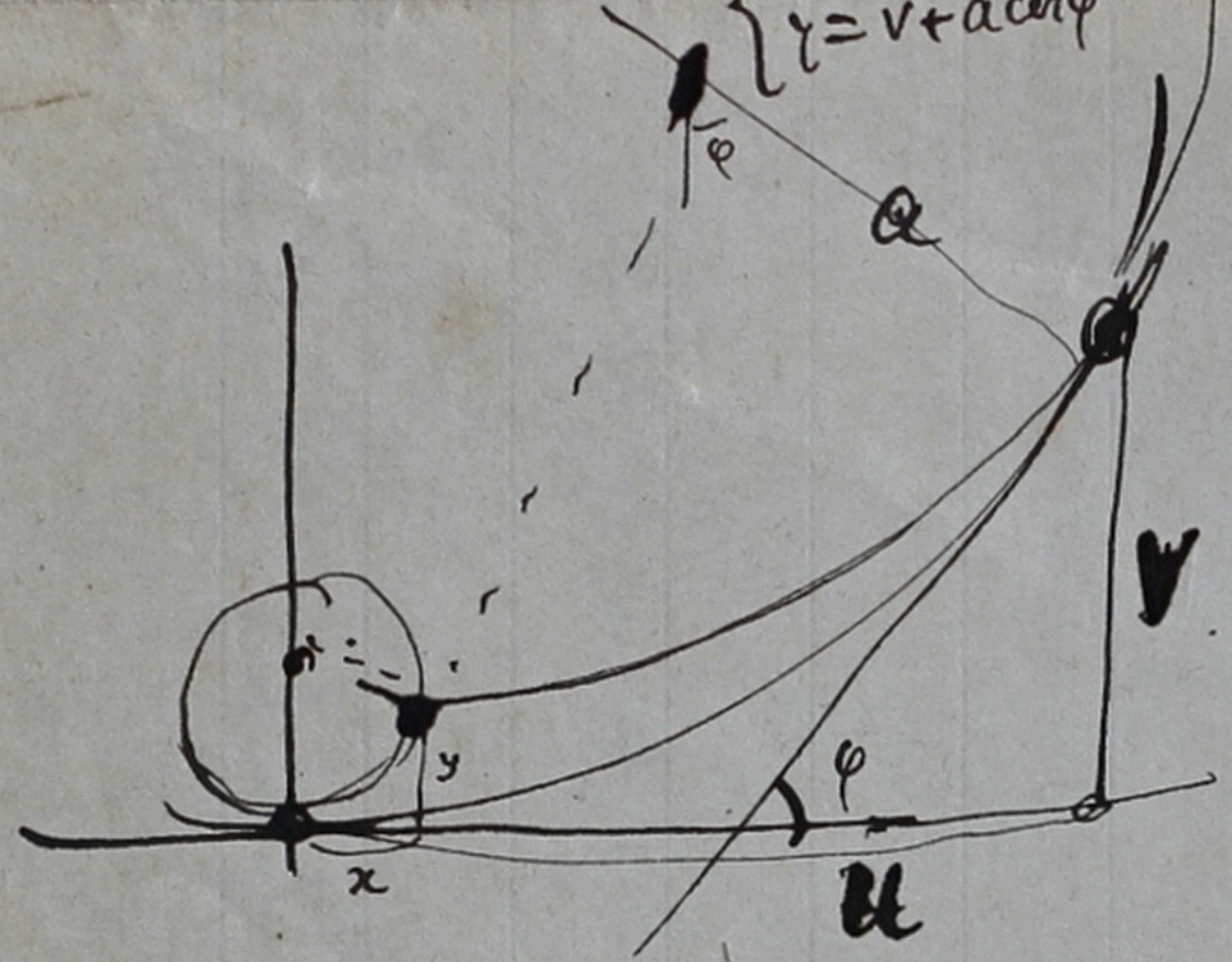
$$(X-x-dx)^2 + (Y-y-dy)^2 + 2a\left[(X-x-dx)\sin(\varphi+d\varphi) - (Y-y-dy)\cos(\varphi+d\varphi)\right]$$

$x = a\,$~~$\sin t$~~
~~y~~$= a -$~~$a\cos t$~~

$$\text{[illegible]} + ds^2 - 2(X-x)dx - 2(Y-y)dy +$$

$$+ 2a\left[(X-x)(\text{[illegible]} + \cos\varphi . d\varphi) - (Y-y)(\text{[illegible]} - \sin\varphi . d\varphi) - \sin\varphi\, dx - dy\cos\varphi\right] = 0$$

$\begin{cases} x = u - a\sin\varphi \\ y = v + a\cos\varphi \end{cases}$



~~ds^2~~ $2a$

~~$x^2 + (y-a)$~~

$x^2 + y^2 = 2ay$

$x^2 = 2ay$

$$(x - u + a\sin\varphi)^2 + (y - v - a\cos\varphi)^2 = a^2$$

$$(x-u)^2 + (y-v)^2 + 2a\left[(x-u)\sin\varphi - (y-v)\cos\varphi\right] = 0$$

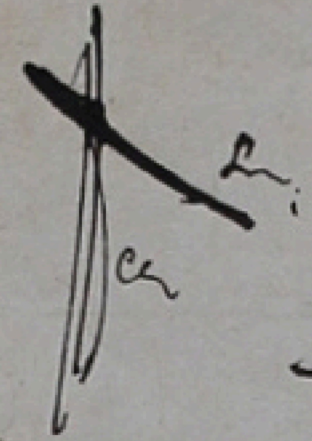
$$\text{[illegible]} - \text{[illegible]}(ux + vy) + \tfrac{1}{2}(u^2+v^2) + a(x\sin\varphi - y\cos\varphi) - a(u\sin\varphi - v\cos\varphi) = 0$$

~~$ay = ux - vy + \frac{1}{2}(u^2+v^2)$~~

$$2a(a - v - a\cos\varphi)y - 2a(u - a\sin\varphi)x + \tfrac{1}{2}\text{[illegible]} = 2a^2(u\sin\varphi - v\cos\varphi) - \tfrac{a}{2}(u^2+v^2)$$

$$(a - v - a\cos\varphi)x^2 - 2a(u - a\sin\varphi)x + a(u^2 + v^2) - 2a^2(u\sin\varphi - v\cos\varphi) = 0$$

$$\frac{\rho r^2}{\rho^2+r^2}=a$$



$$s r = a\rho$$

$$\frac{a}{\rho^2}+\frac{b}{r^2}+\frac{c}{\rho r}+\frac{\alpha}{\rho}+\frac{\beta}{r}+\gamma=0$$

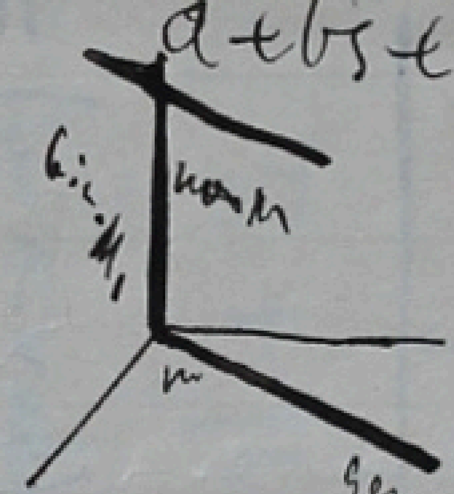
$$\frac{\rho}{\sqrt{1+\frac{\rho^2}{a^2}}}=c^{te}+\frac{s^2}{s}$$

$$\frac{a}{\rho^2}+\frac{bs^2}{a^2\rho^2}+\frac{cs}{a\rho^2}+\frac{\alpha}{\rho}+\frac{\beta s}{a\rho}+$$

Parmi les courbes dont les ... sont les binorm. d'une autre courbe il y a des chaînettes qui ~~sont~~ les géod. de cert. côn[es] ... cer côn[es]?

$$\frac{1}{\rho^2}\left(a+bs+cs^2\right)+\frac{2}{\rho}\left(\alpha+\beta s\right)+\gamma=$$

$$\frac{1}{\rho}=\frac{+(\alpha+\beta s)\pm\sqrt{(\alpha+\beta s)^2-\gamma(-}}{a+bs+cs^2}$$



$$\rho=\frac{(a+bs+c\ldots)(\alpha+\beta s+\sqrt{}}{\alpha+\beta s\pm\sqrt{A+Bs+Cs^2}\ \gamma}$$

$$\rho=\frac{\alpha+\beta s}{\gamma}\pm\sqrt{}$$

– Parmi les ~~spirales~~ ~~tang~~ ~~..~~ [courbes à torsion const.] il y a des spir. log. tang. qui

– Parmi les courbes $\left(\frac{\rho r^2}{\rho^2+r^2}=c^{te}\right)$ il y a des chaînettes tordues qui ...