$$\log\log p_n = \log\log n + \log\left[1 + \frac{R_n}{\log n}\right]$$

$$= \cdots + \frac{R_n}{\log n} - \frac{1}{2}\frac{R_n^2}{(\log n)^2} + \frac{1}{3}\frac{R_n^3}{(\log n)^3} - \cdots$$

Egr. Sig.,

~~Non~~ [illegible] [illegible] [illegible] [illegible]
[illegible] di rivedere le bozze
della [illegible] nota "[illegible]"
di ~~[illegible] [illegible] [illegible] [illegible]~~
Gra[illegible]

$$R_n = \log\log p_n - \frac{1}{\log p_n} - \frac{3}{2(\log p_n)^2} - \cdots$$

$$\frac{\log\log p_n}{\log n}$$

$$\times (\log p_n)^2$$

$$\log\log p_n = \log\log n + \log\log$$

$$\cancel{\frac{(\log\log p_n)^3}{\log n}}$$

$$\log\log p_n = P$$

$$P = \log\log n + \frac{P}{\log n} - \frac{1}{\log n \log p_n} -$$

$$- \frac{1}{2}\cdot\frac{P^2}{(\log n)^2} - \frac{1}{2(\log n)}$$

$$P$$

$$P$$

Egr. Signore,

~~Sebbene l'elenco dei~~ [illegible]
nomi sia ~~[illegible]~~
completo, io mi permetto
~~[illegible]~~ di aggiungere ~~due~~ altri
due ~~[illegible]~~ (gli ultimi)
~~[illegible]~~ allo scopo di
fare un po' di "réclame" [illegible]
~~gli [illegible] nell~~ [illegible] degli ingegneri.
Questi non sono:
$(1-x)^2 = 1 - \frac{1}{2}[illegible]$ [illegible]
Prof. E. Ire, [illegible]
U. Masoni

Fino ~~ad oggi~~ non
~~non~~ ho ricevuto alcun
~~giudizio~~, [illegible]

$$\frac{1}{2}P^2 + 2P\left(1 - \frac{1}{\log n}\right)\log n - 2\left[\log\log n - \frac{1}{\log n \log p_n}\right](\log n)^2 = 0$$

$$P = -(\log n - 1)\log n \pm \sqrt{(\log n - 1)^2(\log n)^2 + 2\log\log n - \frac{2}{\log n \log p_n}}$$

$$\frac{P}{\log n} = -\log n + 1 + \log n\sqrt{1 - \frac{2}{\log n} + \frac{1}{(\log n)^2} + 2\log\log n - \frac{2}{\log n \log p_n}}$$

$\cancel{u = \frac{ka\varphi}{v}}$ $\qquad y = \cancel{k}\rho\left(\frac{a}{v} - \cos\theta\right)$

$$v = \rho(1 + k\,\mathrm{sen}\,\theta)$$

$$y = a\frac{\rho}{v} - \rho\cos\theta$$

$$y = \frac{a}{1 + k\,\mathrm{sen}\,\theta} - \rho\cos\theta$$

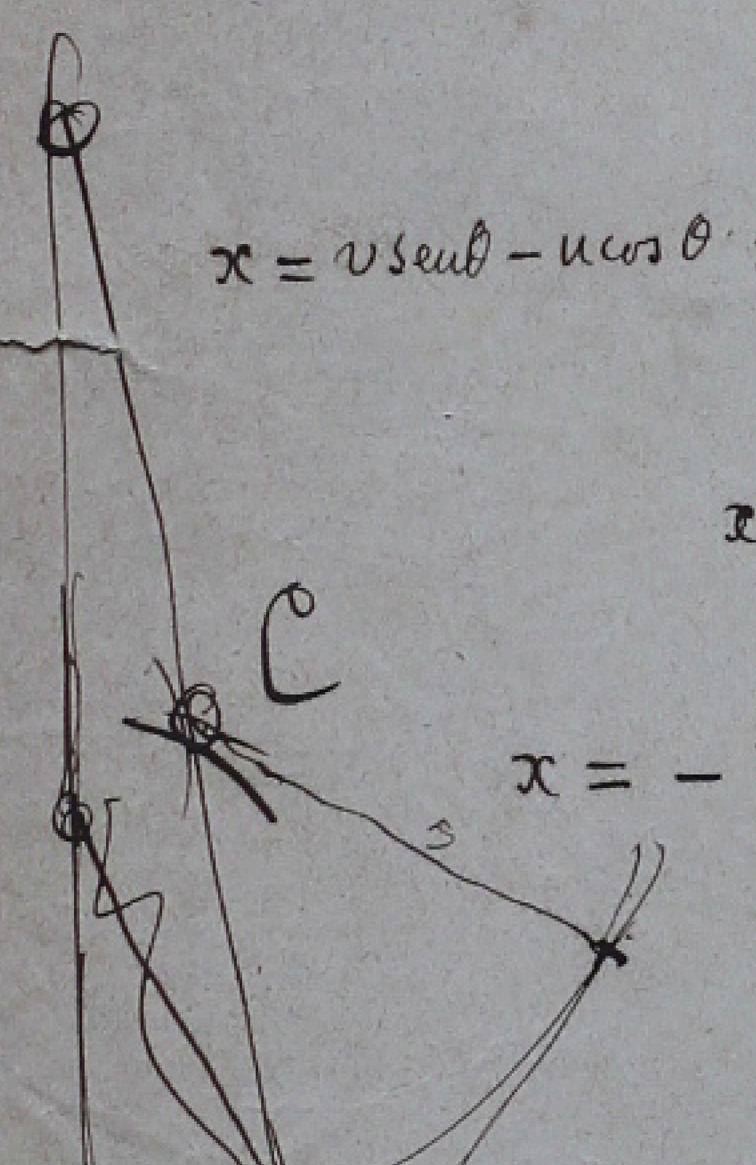
$$y = \frac{a}{1 + k\,\mathrm{sen}\,\theta} + ka\varphi(\theta)$$

$$u\cos\theta - v\,\mathrm{sen}\,\theta = -x$$

$$x = v\,\mathrm{sen}\,\theta - u\cos\theta$$

$$x = \cancel{k}a(1 + k\,\mathrm{sen}\,\theta)\,\mathrm{sen}\,\theta - k\cos\theta\left(\frac{a}{1 + k\,\mathrm{sen}\,\theta} + ka\varphi\right)$$

$$x = -ka\varphi\,\mathrm{sen}\,\theta\,\cancel{(1 + k\,\mathrm{sen}\,\theta)} - \frac{ka\cos\theta}{1 + k\,\mathrm{sen}\,\theta} - k^2a\varphi\cos\theta - \underline{k^2a\varphi\,\mathrm{sen}^2\theta}$$



$$x = v\,\mathrm{sen}\,\theta - u\cos\theta = -ka\varphi(1 + k\,\mathrm{sen}\,\theta)\,\mathrm{sen}\,\theta - k\cos\theta\left(\frac{a}{1 + k\,\mathrm{sen}\,\theta} + ka\varphi\right)$$

$$\cancel{x = -ka\frac{\cos\theta + \varphi\,\mathrm{sen}\,\theta + k\varphi\,\mathrm{sen}^2\theta}{1 + k\,\mathrm{sen}\,\theta}}$$

$$x = -ka\varphi\left[\mathrm{sen}\,\theta + k\cos\theta + k\,\mathrm{sen}^2\theta\right] - \frac{ka\cos\theta}{1 + k\,\mathrm{sen}\,\theta}$$

$$(1 + k\,\mathrm{sen}\,\theta)\,\mathrm{sen}\,\theta + k\cos\theta$$

2757

$$x = -ka\varphi\left[(1 + k\,\mathrm{sen}\,\theta)\,\mathrm{sen}\,\theta + k\cos\theta\right] - \frac{ka\cos\theta}{1 + k\,\mathrm{sen}\,\theta}$$

$\cancel{\mathrm{sen}\,\theta + k\,\mathrm{sen}\,\theta + k + k\,\mathrm{sen}^2\theta}$