$$N = N_0 - \frac{1}{2\pi} \left[ \frac{p \times p^2 + n^2}{y^2 + n^2} - \frac{(n+1)^2}{y^2 + (n+1)^2} \right]$$

$$N = N_0 + \frac{1}{2\pi} \left[ \frac{y^2}{y^2 + n^2} - \frac{p(n-1)}{y^2 + (n-1)^2} \right]$$

$$N = \frac{1}{2\pi} \left[ \frac{y}{y^2 + n^2} - \frac{p^2}{y^2 + (n-1)^2} \right]$$

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$$N = \frac{1}{2\pi} \left[ \frac{y}{y^2 + n^2} + \frac{1}{2\pi} \right]$$

$$N = \frac{1}{2\pi} \left[ \frac{y}{y^2 + n^2} + \frac{1}{2\pi} \right]$$

$$N = \frac{1}{2\pi} \left[ \frac{y}{y^2 + n^2} + \frac{1}{2\pi} \right]$$

$$N = \frac{1}{2\pi} \left[ \frac{x}{y^2 + n^2} + \frac{x}{2\pi} \right]$$

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$$N = \frac{1}{2\pi} \left[ \frac{x}{y^2 + n^2} + \frac{x}{2\pi} \right]$$

$$N = \frac{1}{2\pi}$$

The distance from few origin to  $\left(\frac{1}{4\pi}, \frac{1}{4\pi}\right)$  is  $r = \sqrt{\left(\frac{1}{4\pi}\right)^2 + \left(\frac{1}{4\pi}\right)^2} = \sqrt{\frac{2}{16\pi^2}} = \frac{1}{4\pi}$ 

You r 8mt y for any angle o, the distance of the point  $\chi_0 = r \cos \theta$  (  $\chi_0$ ,  $\chi_0$ ) from the origin is  $r = 12^{-1}$ , and this ensures the magnifude of  $4\pi$  the velocity is unity.