

$$x_{1,2} = \frac{-0.4 \pm \sqrt{(0.4)^2 + 1.2 \times 10^{-14}}}{10^{-6}} =$$

$$= \left(-0.4 \pm \sqrt{(0.4)^2 \left(1 + \frac{1.2 \times 10^{-14}}{(0.4)^2} \right)} \right) 10^6 =$$

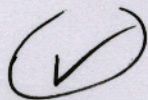
$$= 10^6 \left(-0.4 \pm 0.4 \left(1 + \frac{1.2 \times 10^{-14}}{(0.4)^2} \right)^{1/2} \right) =$$

$$= 10^6 \left(-0.4 \pm 0.4 \left(1 + \frac{1}{2} \frac{1.2 \times 10^{-14}}{(0.4)^2} \right) \right)$$

$$= 10^6 \left(-0.4 \pm 0.4 \left(1 + \frac{0.6}{0.4} 10^{-14} \right) \right) = \begin{cases} -0.8 \times 10^6 \\ 1.5 \times 10^{-8} \end{cases}$$

→ proviamo a cercare le soluzioni
con l'algoritmo "standard"

$$x_1 = -8 \times 10^5$$



$$x_2 = 1.4988 \times 10^{-8}$$

