$$U = A(ABCD) \longrightarrow devo wossi with the estimation of the estimation o$$

A; B
$$\begin{cases} X^2 + \underline{U}^2 = 4 \\ \underline{U} = \underline{N} \end{cases} \qquad X^2 + \underline{N}^2 = 4$$

$$X^2 = 4 - \underline{N}^2 \quad X = \pm \sqrt{4 - \underline{N}^2}$$
B $\left(\sqrt{4 - \underline{N}^2}; \underline{N} \right)$ A $\left(-\sqrt{4 - \underline{N}^2}; \underline{N} \right)$

$$+K^{2}=4$$

$$4-N^{2} \quad X=\pm\sqrt{4-N^{2}}$$

$$\overline{AB} = |X_4 - X_B| = |-\sqrt{4-K^2} - \sqrt{4-K^2}| = 2\sqrt{4-K^2}$$
 $U = 2\sqrt{4-K^2} \cdot 2K$

$$U = 4 N \sqrt{4 - N^2} \qquad U = N \sqrt{4 - N^2} \qquad U = \sqrt{4 - N^2} + N \cdot \frac{1 (-2N)}{2 \sqrt{4 - N^2}} = \frac{-2h^2 + 4}{\sqrt{4 - N^2}} = +2 \left(\frac{2 - h^2}{\sqrt{4 - N^2}}\right)$$

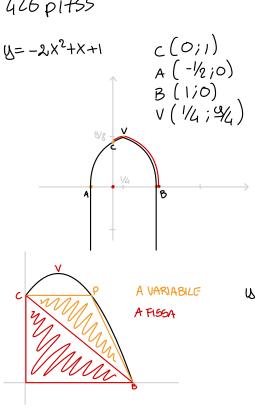
$$y^*=0$$
 (orco i pouti storcouphi) $2-N^2=0$ $N=\pm\sqrt{2}$

$$N=\pm\sqrt{2}$$

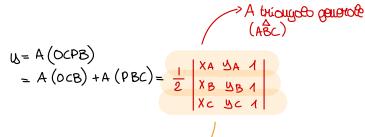
$$N = + \sqrt{2} \quad (C.\overline{E})$$

$$\overrightarrow{AB} = 27\cancel{4} - \cancel{N}^2 = 27\cancel{2}$$
 Retoughes A maggiother $\overrightarrow{CD} = 2\cancel{N} = 27\cancel{2}$ é un GNADRATO

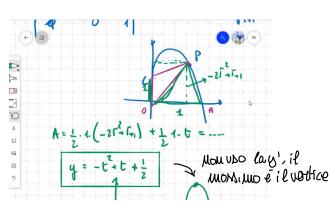
426 p1755



PE CB -> Primitozione Ascissa del pto P(t; -2t2+t+1) 0 = t = 1 H= A(OCPB) -> MOSSIMISTONE



mouca ofthis metodo



TINIX

$$y^{*} = 0 \longrightarrow \frac{8 m^{4} - 2}{m^{3}} = 0 \quad 8m^{4} - 2 = 0 \quad m^{4} = \frac{1}{4} \quad m = \pm \frac{1}{12}$$

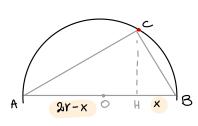
$$y^{*} > 0 \quad \frac{4m^{4} - 1}{m^{3}} > 0 \quad \frac{(2m^{2} - 1)(2m^{2} + 1)}{m^{3}} \longrightarrow \frac{-1/\sqrt{2}}{m^{2}} \longrightarrow \frac{-1/\sqrt{2}}{m^{2}$$

hp
$$A = \omega^{2}$$
 $y = AC \rightarrow MMim \omega$
 $y = \sqrt{(AB^{2}) + (CB^{2})}$
 $AB = X \qquad AB = X \qquad$

MISUND, é>0

p 1759 n° 467 (leggore purma quello botto)

n° 487 p 1761



$$CH^{2} = x(2)r - x) \rightarrow Euclide$$

$$U = \sqrt{x(2r-x)^{1}} + x$$

$$\overline{CB} = 2Y \Delta U X$$

 $\overline{AC} = 2 (CO) X$

Now
$$\frac{d}{2l} = \sqrt{\frac{1-\cos x}{2}}$$

Sell
$$O_1 = \sqrt{\frac{1-\cos 2X}{2}}$$

$$U = 2r \left(\frac{1 - \cos 2x}{2} \right) + r \cos 2x$$

$$= r \left(\sec 2x - \cos 2x + 1 \right)$$

$$y' = r\sqrt{2} cos \left(2x - \frac{ii}{4}\right)(2)$$

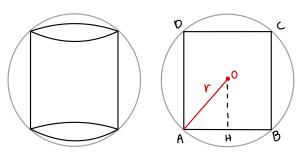
$$4 \cos \left(2x - \frac{\pi}{4}\right) = 0$$

$$2x - \frac{\pi}{4} = \frac{\pi}{2}$$

$$x = \frac{3}{6}\pi$$

p1762 n°508 6 da Jone

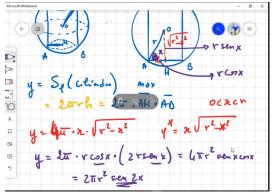
Mipossa GEON GOXIDA CMPTILLO



$$y = 5p \left(\text{cilindro} \right) \rightarrow \text{mossimo}$$

$$= (2\pi r)h = 2\pi \left(\overline{AH} \cdot \overline{AD} \right) \quad 0 < x < r$$

$$y = 4\pi x \sqrt{r^2 - x^2} \quad y^* =$$



FINIRE