$$A_{1} = \begin{bmatrix} 3 & 3 \\ 3 & 9 \end{bmatrix} x^{T}A x > 0 + x \neq 0 , x \in \mathbb{R}^{2}$$

$$[x_{1}, x_{2}] \begin{bmatrix} 2 & 3 \\ 3 & 9 \end{bmatrix} \begin{bmatrix} x_{1} \\ x_{2} \end{bmatrix} = [x_{1}, x_{2}] \begin{bmatrix} 2x_{1} + 3x_{2} \\ 3x_{1} + 4x_{2} \end{bmatrix}$$

$$= 2x^{2} + 3x_{1}x_{2} + 3x_{1}x_{2} + 9x_{2}^{2}$$

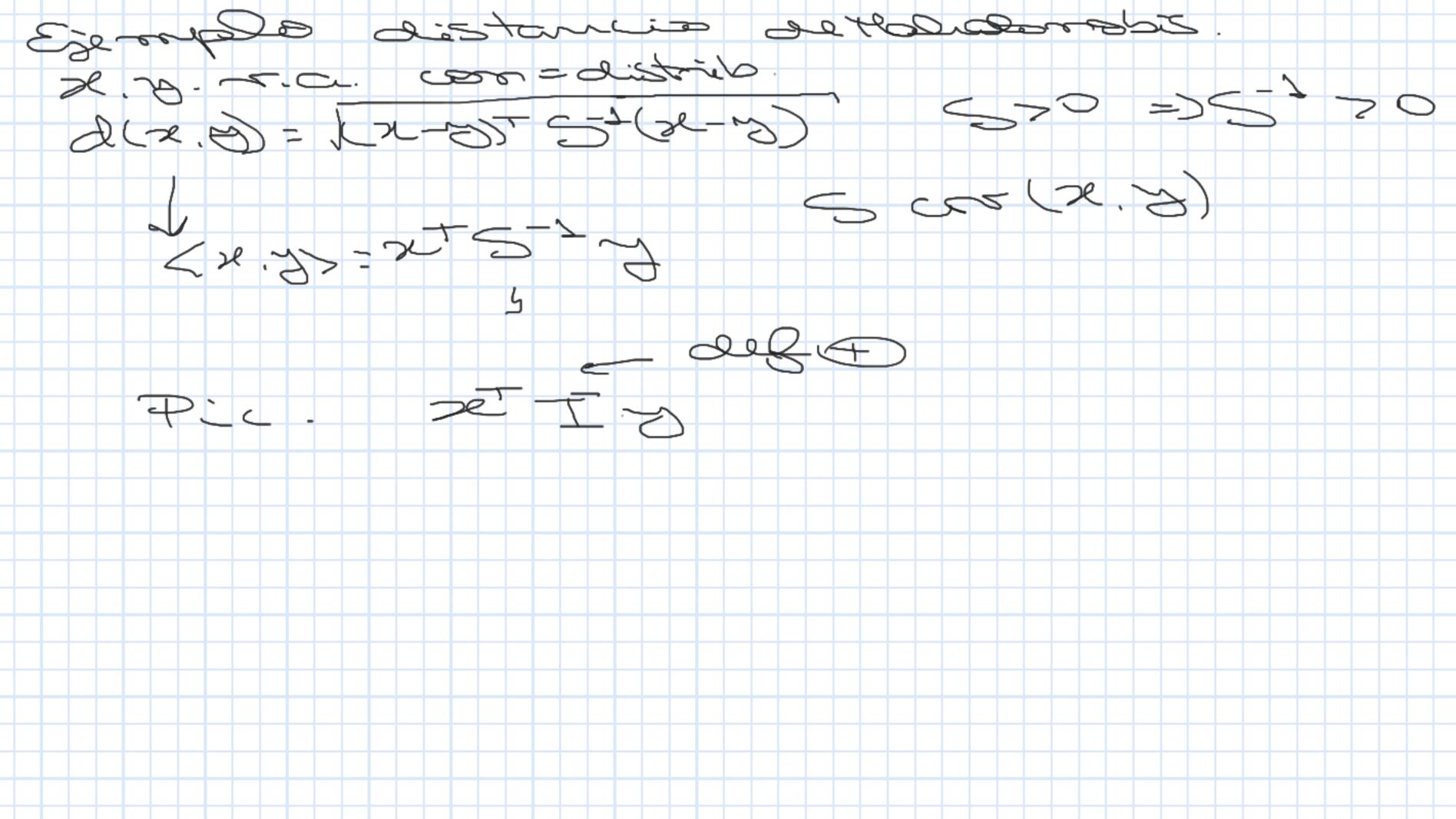
$$= (x_{1} + 3x_{2}) + x_{1}^{2} > 0 \Rightarrow x_{1} \text{ exclude}$$

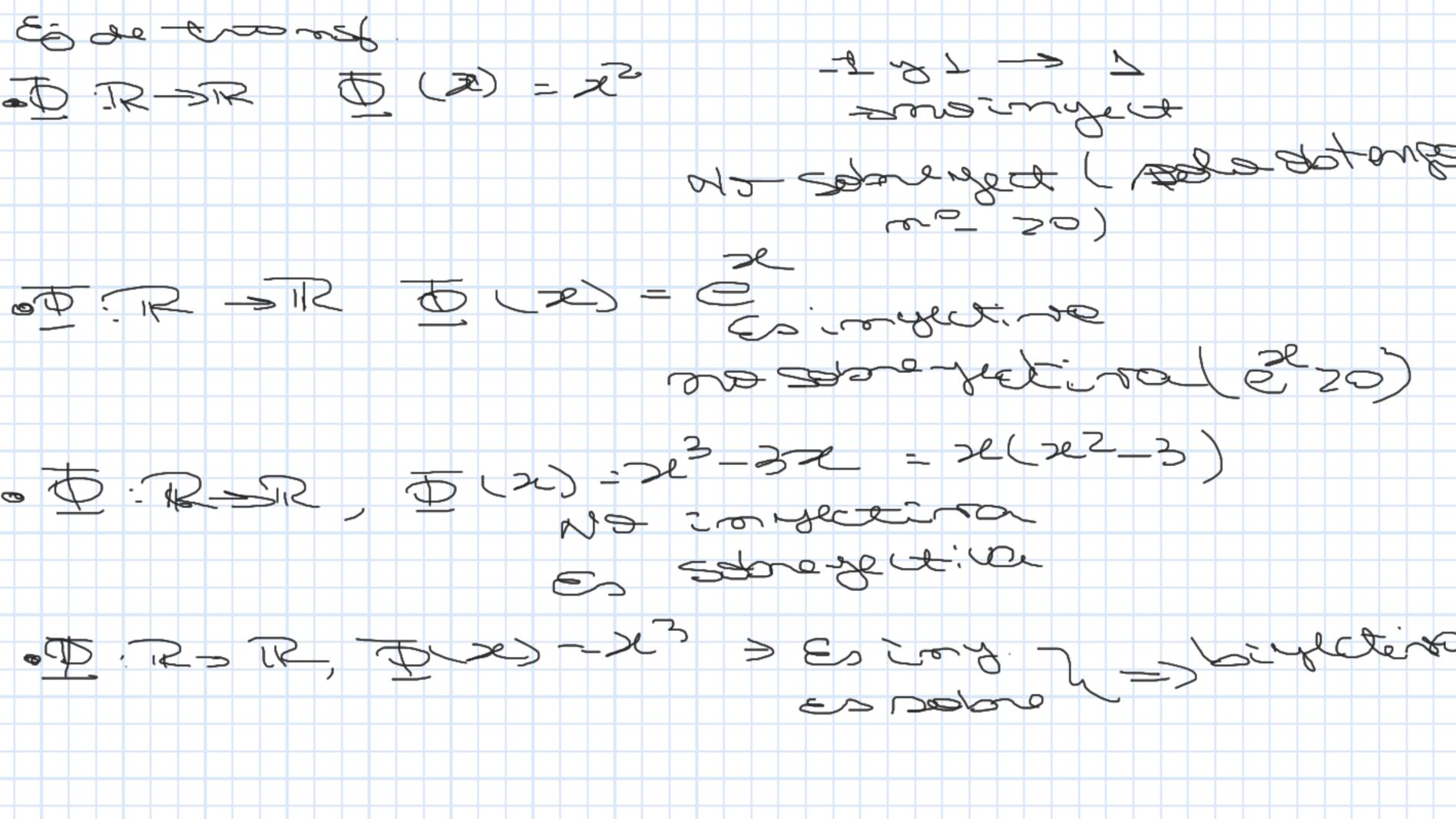
$$= (x_{1} + 3x_{2}) + x_{1}^{2} > 0 \Rightarrow x_{2} \text{ exclude}$$

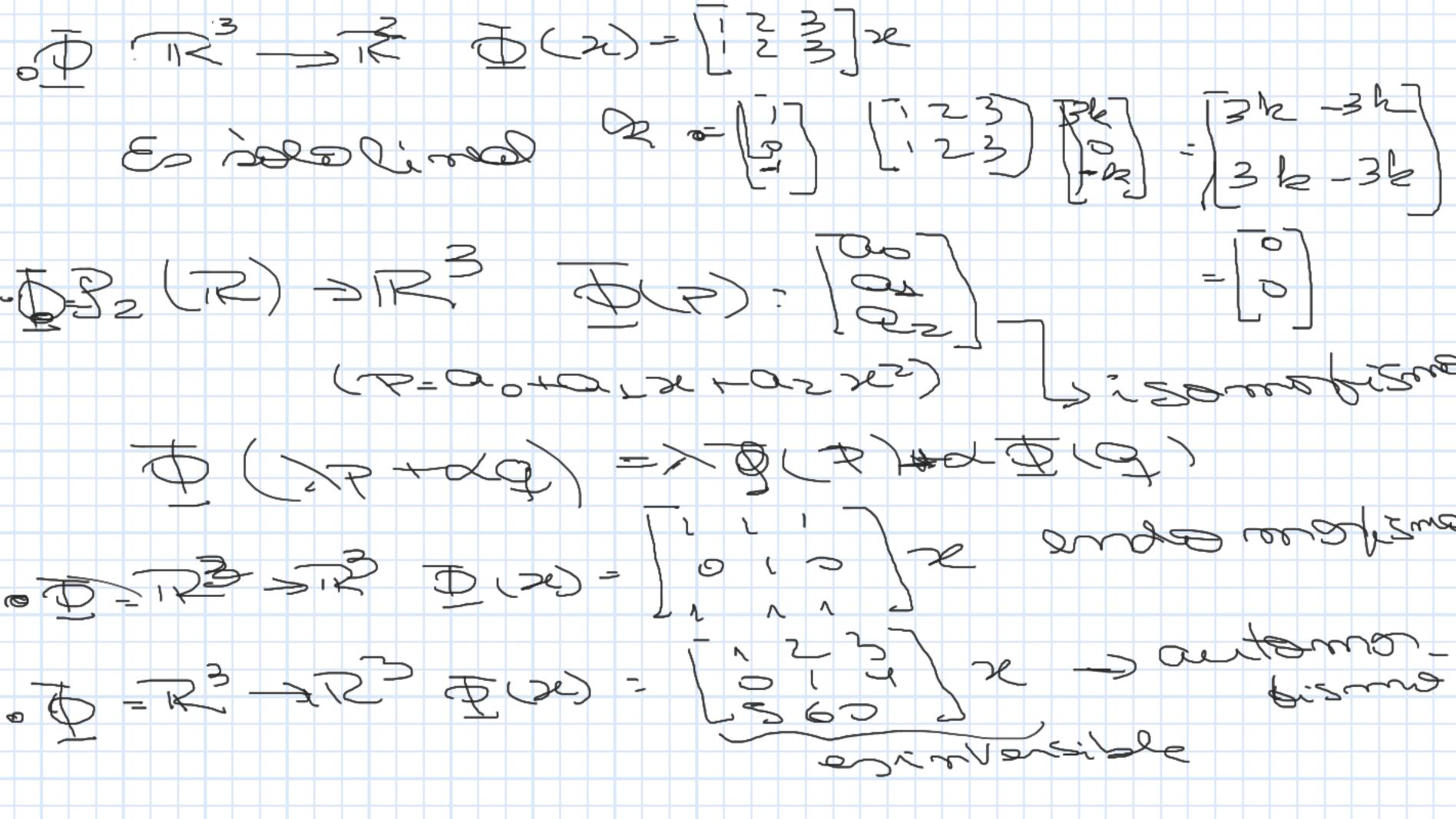
$$= (x_{1} + 3x_{2}) + x_{1}^{2} = 3x_{2}^{2} \Rightarrow x_{2} \Rightarrow x_{3} \Rightarrow x_{4}^{2} \Rightarrow x_{4}^{2} \Rightarrow x_{5}^{2} \Rightarrow x_{5}^{2}$$

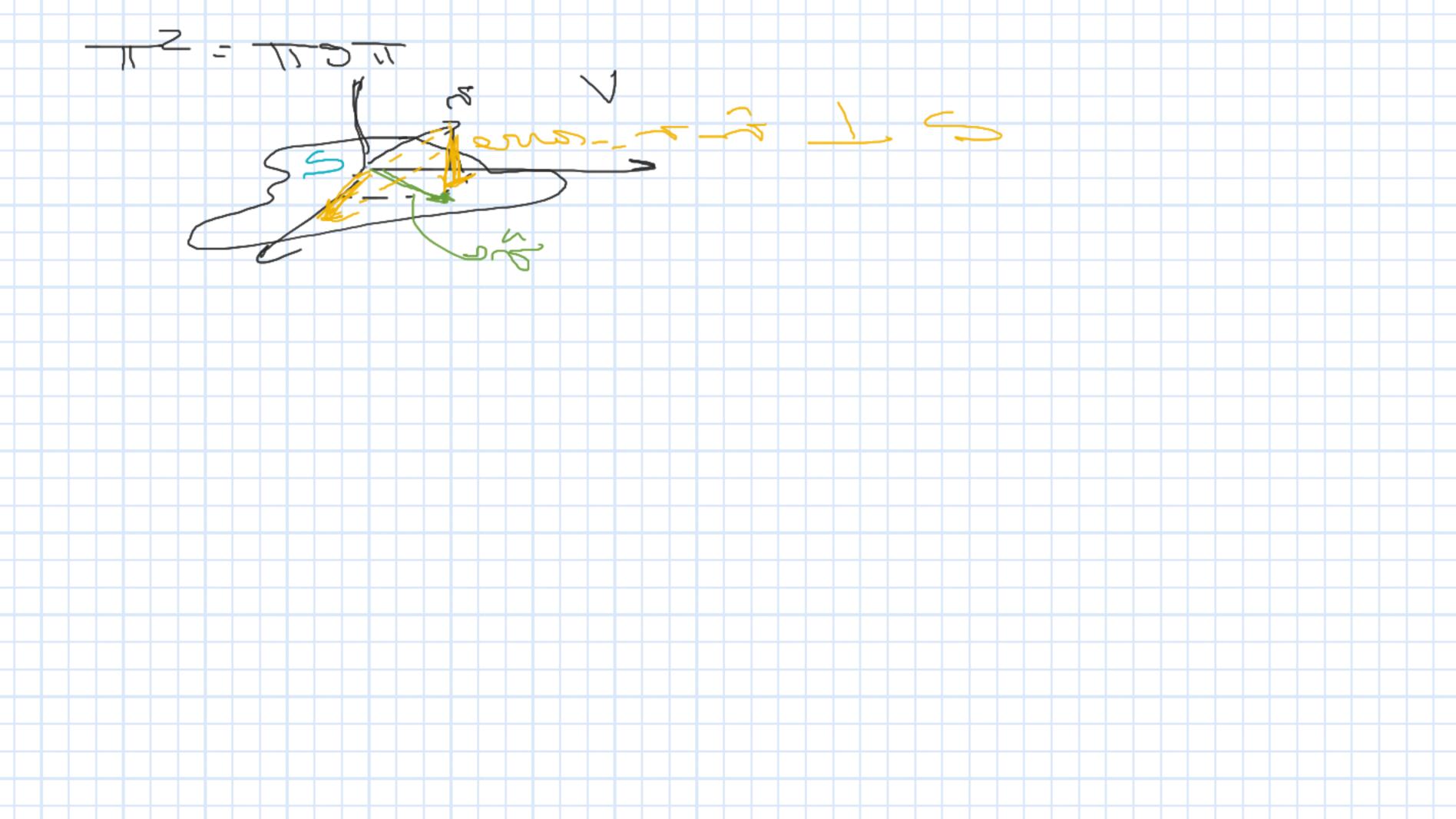
(don Jes) I coop i posinosinos I (sel. reco) B-211+212 ·B. - 11, 20, 229 (P, 9) - P(0) + P(1) + L Optober 200 200 oleranon 2) 2 50 2 2 7 2 7 3 6 60 2 8 6 si - 2/2

· Di (R) el est el es feiros de 7 eses 5 Lp, 9> = Pco/ct/co) + pc3) 913) B= 1, se 5 = as by + (a. +a.3) (botib,3) P=ao+a, re -2006 +006 3 + 3600 et=po+p2x [23] +0,15,3









Er de von. alestates l[[x2] (80) La son En Cas Line to Sur En ムメ, ソ> = 位下人× 1 | (4-4)| = < (4-4) = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | = 3 | dettern - (en /2) - cux +6 Y recessor 24-9,15=045=5 5=46,75 (y-y, 1) = - < y (ax +b), 1) = - (x -b) IE [7x] - OIE [x] - SIE [x] ? THE CANELY SEE THE CANELY SEE

500 - 1E(x2) -1E(x) C25(X,4) - Q (X) - C 5 a - 500(xxy) D= IE[Y] - BHXY IE[X] represent D= IE[Y] - BHXY IE[X] - PETY S TONIX I - IE[X] + FLY themes - and al and 200 Nour 020 Con Lor. (0,0) Land B-742, -- 2 -- 12, Que sea 200 85 - 52 - 672,859, -- 52 - (72,8) 91 119,11 110/112 93-73-(58,80)81-(53,92)92-37-2 119.112 5-1 (Tm, 9:7 Chi-7 110g-11) 1100-11 - - -