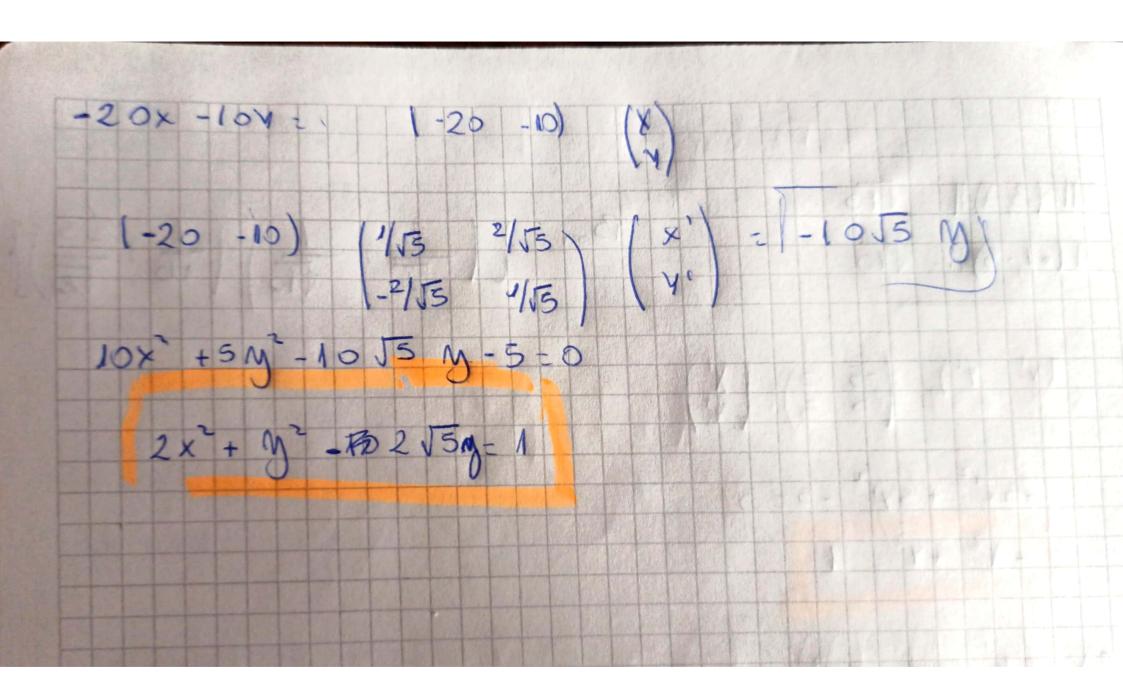
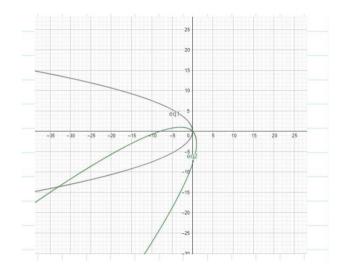


$(x \ Y) (1/\sqrt{2} \ 1/\sqrt{2}) (0 \ 0) (1/\sqrt{2} \ 1/\sqrt{2}) (x) (x) (x) (x) (x) (x) (x) (x) (x) (x$
$\frac{(x' \ y')}{(o \ 2)} \left(\frac{x'}{y'}\right) - 2y'^2$ Line 8)
$8 \times + 8 \times = (8 \ 8) ($
2 y + 8 \(\frac{7}{2} \times \(\times \)
$\frac{3}{4} (x y) (4 3) (x) \\ \frac{3}{4} (x y) (4 3) (x)$
(4-2) = (4-2) (-4-2) -9 = (2 ³ -25) = 2=5
$E_{1-5} = \begin{pmatrix} 9 & 3 \\ 3 & 1 \end{pmatrix} \begin{pmatrix} 1 \\ 1 \end{pmatrix} + \begin{pmatrix} 0 \\ 0 \end{pmatrix} & 314 - 312 + 324 + $
$E_{2-5} = \frac{3}{3} = \frac{3}{4} = \frac{3}$

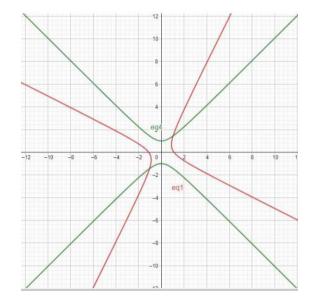
		FECHA N XT 8
11 (3,1)11 = 510 Bon =	513	1 1 1 -3
11 (=1,-3)11- 110	(1/10	1 (To) (To)
$(x', \lambda,)$ $(-2, 0)$ $(x',)$		
	1	
$-5x^{2} + 5y^{2} - 5 = 0$		
- X ² + Y ² = 1		
f) 6x2-4x4+942-20x-104-	5 = 0	
(x y) /6 -2\ (x)		
(x y) (6 - 2) (x)		
$\begin{pmatrix} 6-2 & -2 \\ -2 & 9-2 \end{pmatrix} = \begin{pmatrix} 6-2 \end{pmatrix} \begin{pmatrix} 9-2 \end{pmatrix} - 4 - 4$	2 2 - 152	+50
	NZAS	k = 5
$E_{2=+0} = \begin{pmatrix} -4 & -2 \\ -2 & -1 \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} \Rightarrow$	27 2 1	
Ez=10 = gen { (-2)}		
$\{ z_{2}, (z_{2}, z_{3}) \mid (x_{1}, y_{2}) = (0) \rightarrow X \}$	- 2Y	
-2-5 (-2 4) (Y)' (0)		
E2=== gen { (2)}		
	1 1 -2	1219
1(2,1)112 5	(TS VS	$\left(\frac{2}{15}\right)$
	, 2	
(x' y') (10 0) (x') = 10x'2+5	ν'	
OTA		
	Andrew Street	(A) A (A) (A) (A) (A) (A) (A) (A) (A) (A



3b)



3d)



3f)

