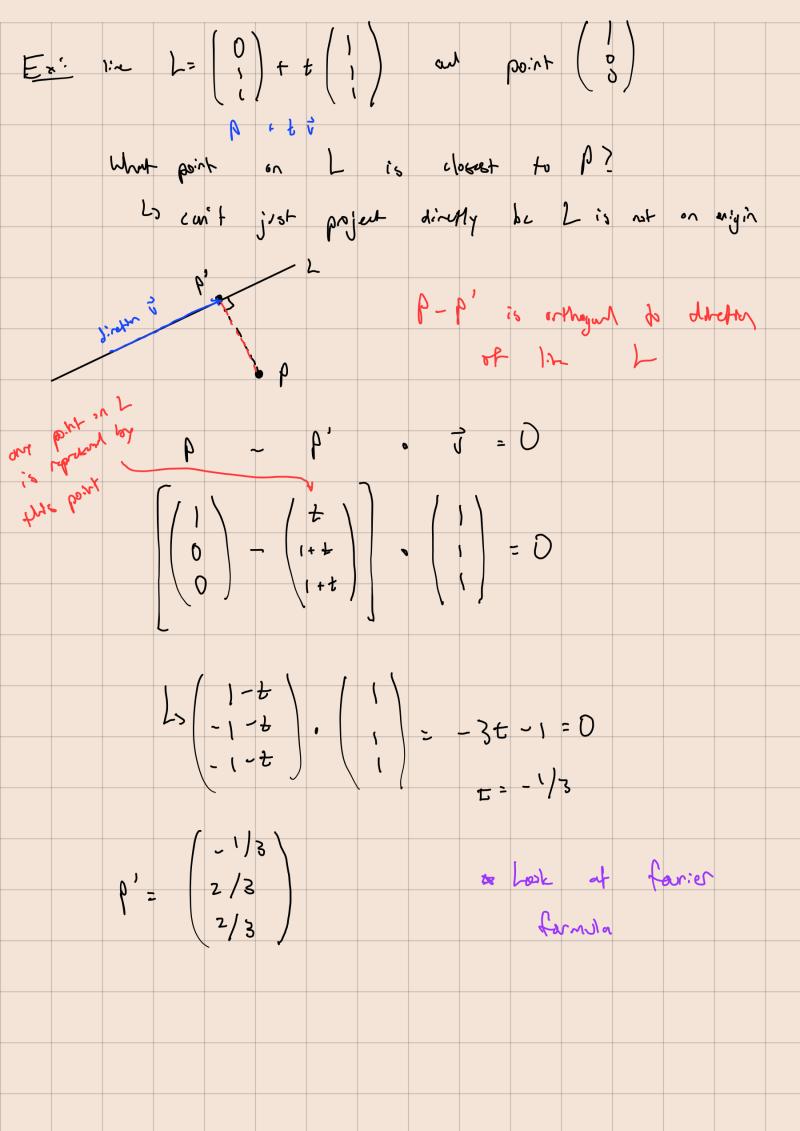
f(x))= x3/3-2x.1vy Lend Sets Lend sets of A: {(x,y) & R2: x3 y2 - 1x lny = 2} e.g. @ 2, {(x,y) & R2: x3 y2 - 1x lny = 2} Enerm goes here here Ch. 8 f(x,y) = 6in(x-3y) = C, |c| = 1 x-3y = orcsin(c) + 27cn it repeats Y= 1 x- 1 (arcsin (c) - 2rn)
L> n 6 Z

Y= Mx + b it's parather lines u/ liferent printagepor Contour Plots Majnitudi: closeress of contains es close = higher mayn: have is for = low mysibre



Linear Agragan	<u>_</u>	
	-1) (0,2) (	0,3), (4,2)
(1,	1) (0,0)	0,3), (4,2)
/ 1		
x = 0 0 4		$\sqrt{\chi} = \frac{5}{4} \qquad \sqrt{\frac{3}{2}}$
4	) ( 3 )	
	$\int \mathbf{M} \mathbf{x} \cdot \mathbf{r} \mathbf{b}$	
11= mx + h	~ m x r b = m x	+ 6 1
9	$= \begin{pmatrix} w^{*} \cdot b \\ w^{*} \cdot b \end{pmatrix} = w \times x$	
	· ·	
Line of be	st fel is Proj spa	1x,13 Y
	wthoyun buis	
1) Mare		1 - Proj x = x - x - 1 - 1
Les	$c_{p}$ 7, $f:\lambda$ $\hat{\chi} =$	
		$\sqrt{x} = \chi = \tilde{\chi}$
	gen (b. 6mm)	
of old of	Jan 19. 2.	X = (1) - (5)4 5)4 5)4 5)4
\$ 100 the the	9 - 1	
$ \theta,  vert_{Q} $		7 ~ (-1/4) -5/4 -1/4
	= pcol to {x, 13}	11/4
· J span 13,18	( (1 X ) ~ dr (2)	V . X . V.1
	= Proj ~ Y + Proj , Y	$= \frac{\sqrt{1 \cdot x}}{\sqrt{1 \cdot x}} + \frac{\sqrt{1 \cdot x}}{\sqrt{1 \cdot x}} = \frac{1}{1 \cdot x}$
		$=\frac{2}{43}\left(\chi-\frac{5}{4}\right)+\frac{1}{2}$
	- 43	- 43 ( 4 ) 3 '
	$\frac{2}{-48} \times \frac{67}{43} $	
Ų:	-2/43 x + 67/43	

