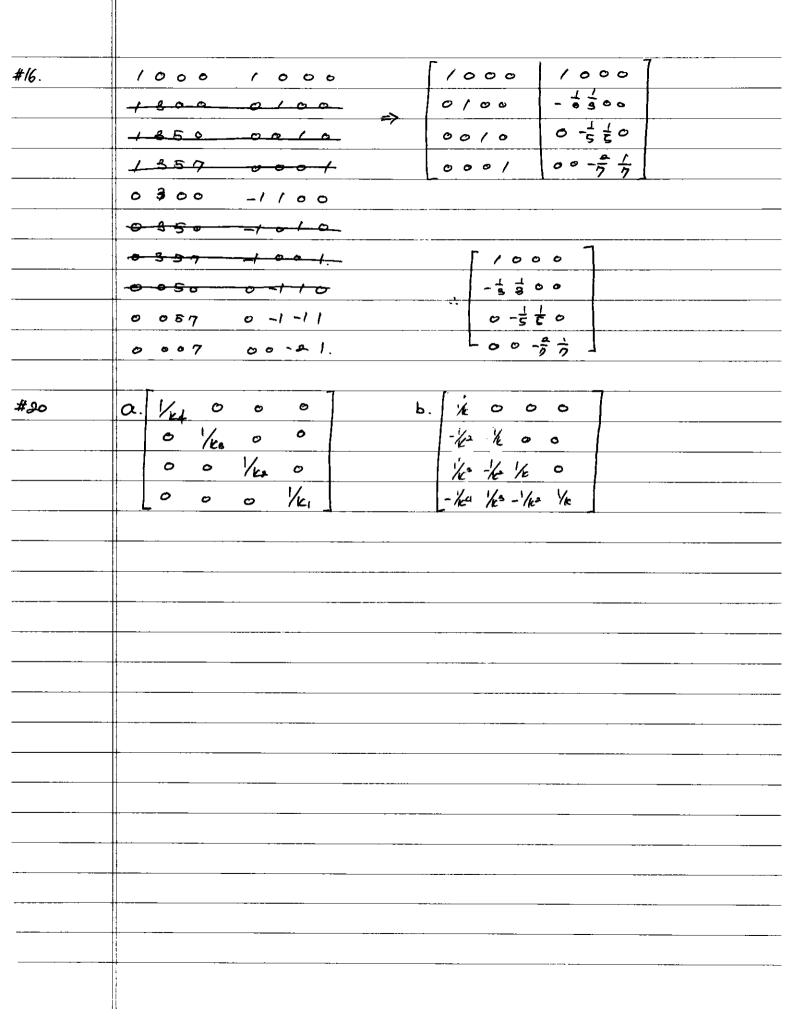
Thap 1.6.	
#2.	a. Ollowentary
	b. Alguentary.
	C. elementary.
	d. not clamostars.
	4. POX ELEMBODIA.
4.	a. 10 10
	-3 / /
	10 10 10
	0/8/ [3/]
	b. [100]
	0 1 0
	c. [000/]
	0/00
	00/0
	1000
	d. 10/70
	0/00
	00/0
	0001
2	a. 1 [-16 5 7 [16 -57
	-16 +15 -3 1 = 3 -1
	b. nat investible.



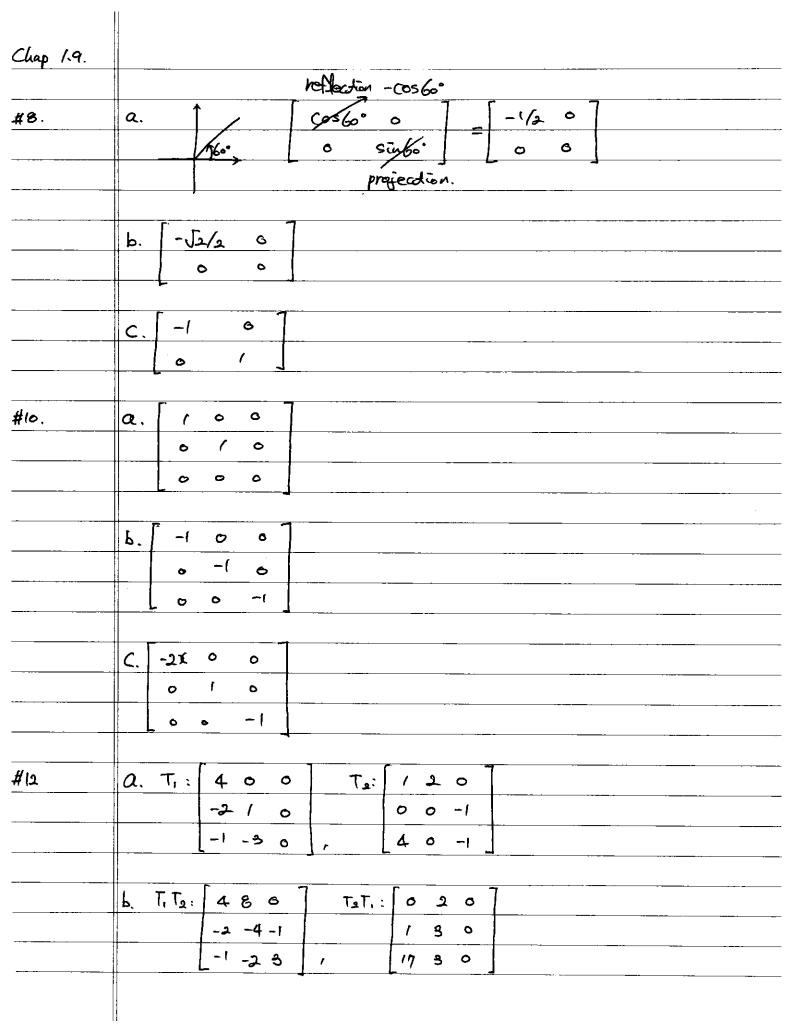
Chap 1-6.	
#2.	[4 -37 x,7 -37
	$\begin{bmatrix} 4 & -3 \\ 2 & -5 \end{bmatrix} \begin{bmatrix} \chi_1 \\ \chi_2 \end{bmatrix} = \begin{bmatrix} -3 \\ 9 \end{bmatrix}$
	[4 -3] -[4 -3] [x, 7 [4 -3] -[3]
	$\begin{bmatrix} 4 & -3 \end{bmatrix}^{-1} \begin{bmatrix} 4 & -3 \end{bmatrix} \begin{bmatrix} x_1 \\ 2 & -5 \end{bmatrix} \begin{bmatrix} 2 & -5 \end{bmatrix} \begin{bmatrix} x_2 \\ 2 & 5 \end{bmatrix} \begin{bmatrix} 4 & -3 \end{bmatrix}^{-1} \begin{bmatrix} 3 \\ 9 \end{bmatrix}$
	[x,] 21
	xa = 2016 63
	= [-3/2] - 3/2
	- 4/2
	$(x_1, x_2) = (-3/2, -9/2).$
# 10.	[-1 4 1 COO 32 -18 8
	19-2010 010 2 -1 1/2
	6-4-8 00 / 25 -14 6
	013-1110-
	32 -18 8
	1 4 1 -1 00 A-1 = 2 -1 1/2
	-0 2 0 4 -2 1
	0 1 0 2 - 1 =
	
	0 -1 1-26 /113 1 13
	0 0 1 25 -14 6
	/ 0 0 32 -18 8
	2. 32 -18 8 6 -18
	2 -1 1/2 1 = -1
	25 -14 6 0 -14

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Chap 1-7.	
#4	-4(-2) 0 0 6 0 0
	0 3(1) 0 2 0 3 0
	0 0 2(-5) 0 0 -10
# <i>10</i> .	$A^{2} = \begin{bmatrix} 4 & 0 & 0 & 0 \\ A^{-1} & = \begin{bmatrix} -\frac{1}{2} & 0 & 0 & 0 \end{bmatrix}$
	0 16 0 0 0 -4 0 0
	00900-100
	0004
	$A^{k} = \begin{bmatrix} (-2)^{k} & 0 & 0 & 0 \end{bmatrix}$
	0 (-14 0 0
	o o (-3) ^k o
	0 0 0 2 ^k
#20	inedale
# 22	nat inextible.
426.	$3 = \alpha - 26 + 3C$ $C = -2 - \alpha$. $3 = \alpha - 2(2 - \alpha) + 2(-2 - \alpha)$
	6=2a+b+c 0=2a+b-2-a 3=a-8.
	-2 = a+c. 2 = a+b. b=2-a.
	a,b,c)=(11,-9,-13).
#32	A = \ 1/3 0 0 7
	0 1/2 0
	0 0 1

Chap 1.8.	
chap no.	
#12.	a. [0,] [-1 1] [-1 1]
	$\begin{bmatrix} \omega_2 & = & 3 & -2 & \begin{bmatrix} z_1 \\ z_2 \end{bmatrix} & 3 & -2 \\ \omega_3 & 5 & 7 & 5 & -7 \end{bmatrix}$
	b. 1000
	1100
	1116
· · · · · · · · · · · · · · · · · · ·	
¥ 14.	a. Ax=[2 -1][x1]
	[1 1] [Te]
	
	b. Ax= 1 0 X1
	0 / 1 72
	c. [///]
	Ax= 150 X
	001
	1 [4097
	d. Ax = 070 x
	0 0-8
#18	a. [2-1] [2-1] [-2]
	[-67
···	= 0

#18	b. (0 0
428 .	2 / 3 3 6+2+3 11 -3-10 2 = -9-2+0 = -4 102 3+0+2 5
#46	T Ax
	$-3a+2C=-58d-12-2d=-113g+(0-g)=5.$ $\alpha = 9/5, C=1/5, d=-1/5, f=-16/5. g=4/5, 2=46/5.$
	$b=-1 \qquad C=6 \qquad h=-2.$ $-1/5 \qquad G \qquad -1/5 \qquad -1/$



-1 -3 0 4 0 -1 4 8 8 -2 -4 -1 -1 -2 3 1/3 -1 -2/3 1 X			-	<u></u>		
-2 1 0 0 0 -1 -1 -3 0 4 0 -1 4 8 8 -2 -4 -1 -1 -2 3	12.	C. T. (Ta (Z, Za, Za))		T2(T, (Z, Z,	χ ₃ >>	
-1 -3 0 4 0 -1 4 8 8 -2 -4 -1 -1 -2 3 1/3 -1 -2/3 1 X		120 40	•	400	1207	
4 8 8 -2 -4 -1 -1 -2 3 1/3 -1 -2/3 1 X		⇒ ° ° ° ° 1 -2 /	0 X	*> -2 / 0	00-1	
-2 -4 -1 -1 -2 3 1/3 -1 -2/3 1 X		4 0 -1 -1 -3	0	-1 -3 0	4 0 -1	
-1 -2 3 1/3 -1 -2/3 1 X		0 20		488		
1/3 -1 -2/3 1 X		= / 50		= -2 -4 -1		
-2/g X		17 30		-1 -2 3		
	\$20·	a. +22 / 00		1/8 1/3 -1		
		211010	T-1:	1/3 -2/3 1	×	
		++0 0 +		-1/3 5/8 -2		
		012 10-1				
		1-0-1-1				
		01-1-0-12				
		-0-3-11-3				
		00/ 1/21/3-1				
		010 1/2-2/31				
		100 -1/9 5/9 -2	l .			
		b. 1-3 4 10 0				
		-1-1-0-1-0				
		6 -25 601				
		0 -25 110			· ·	
		- Not investible.		· · · <u>-</u>		

#24.	a. 120 /00
	-1-1-0-1-0
	231-001 .
	01-11-10
	0-11-201
	Not invadible.
	b. + 100
	0110
	1-0-1-0-1
	0-1-1-0-1
· 	-02-11-
	001-1/21/21/2
	-0-10-1/2-1/2.
	0 1 0 1/2 -1/2
 -	100 1/2 1/2.
	: 1/2 -1/2 1/2 /
	1/2 1/2 -1/2 2 = 0
	-1/2 1/2 3 2

П