Date:		
S	Homework #7	Mund .
8	HOMEROKE TO	
Q1: 61: -5 b2:	-2 b3: -2	A= 1 0 0
8 41: 61: 1-3 62:	5 ,-5	-3. 2 0
0	0 4	1 1 3
6		
5 T/1	B) = (DetA)(Valum	f. R)
1 11	_	<u> </u>
	Product of dia	gonal = 0
B - 5 2	<u>-</u> 2	
	<u>→</u> √	
V(B) = 61. 62 x	′ → [E] []
= 61. 1		5 . a2b3 - a3b2
-2	5 0	1 - (an asb1-a1b3)
	-5 41	0] [a1b2 - a2b1]
= 3. (5)(4)-(0)(-5) = -5	30
1 1(0)(-		8
[0][(-2)(-4)	5)-(5)(-2) [[0]	
V(B) = (-5)(20)	+ (1)(8)= -92 =9	2
V(B): (-5)(20)	F(-) (-0)(1) F = -	
Volume of	T(B)=(92)(6)=55	A.
-		
4		
3	1	

Date:
O2: Tx 2 2 2
, u
103 [-775]
- 1.0 0 1 .A 2-1, mi s-1, mi 2-1, mi
$-\frac{A=}{2}$
- DetA=(1)(1)-(-1)(2)=3in/1/1/2/2 in the second or
44
- Factor of 3: inverte la levine & & S. H. Atab
Q3: A=
T 3 7
1. Cotactor : Cxpansion.
DetA.(1) 5 4 - (2) 7 4 + (3) 7 5
- 17 10 18 10 18 7
DetA = -27
Cofactor Madrix & AC = 22 5-38 9
1 -14 9
[=7: -: 17: -9]
$Adj(A) = A^{cT} = \begin{bmatrix} 22 & 1 & -7 \end{bmatrix}$
-38 -14 17
[9 9 -9]

Date:
0-9 01-16/3 2/3 17/3 R2+ 17R3
0 0 11-1/3 1-1/3
1 2 3 [1 00] resolvent water
0 1 0 \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
0011-12-13/3
120121-1-721-373
0 1 0 16/22 -4/22 -17/22
[00 1 1 -1/3 -1/3 1/3]
197.00
(1) 0 0 1-22/27 1/q 7/27
0 (1) 0 1 16/27 -2/27 -17/27
0, 0 1 1/3 1/3 1/3
A-1 = -22/27 1/9 7/27 0 8 1 1 - 1
16/27 -2/27 -17/27
[-1/3 -1/3 /3]
Fig. 6. C.
3. Write As Elementary
E1= 1 0 0, E2: 1 0 0, E3= 1 0 0
-7 1 0 0 1 6 0 1 0 1 o
[0 0 14 :: [-8 0 1]

8													
0													
0	Date:			· · · ¬		 							7
0000	E4:	1	0	0	, E5 =		0	0	, E	5=		0	0
		0	1	0		0	1	0			0	-1/9	0
O		0	0	1/3		0	17	1			0	0	11
0												lud	1
0	E7 =	(0	-3	, E8=	1	-2		0			2	
0	C+ =	0	1	0	7 002	0	1		0				
0						0	C		,				
0		0	0										
0													
0	A-1.	EBE.	7 E 6 E	<u>5 t 4 t</u>	3 E 2 E 1	-1	1	1					. 7.19
13-	Α =	E1 E	2 E	3" Eu	-1 Ez E	5 E 7	to						
0													
-										-			
0													
0													
0													
0													
0											-		
0				,			,						
0													
00													
0													
10													7 7 5
-15													
0													
0									-				
0													
5 0													
				Sept. and the second	A LANG BOLD	Actions and assessment	and the case						