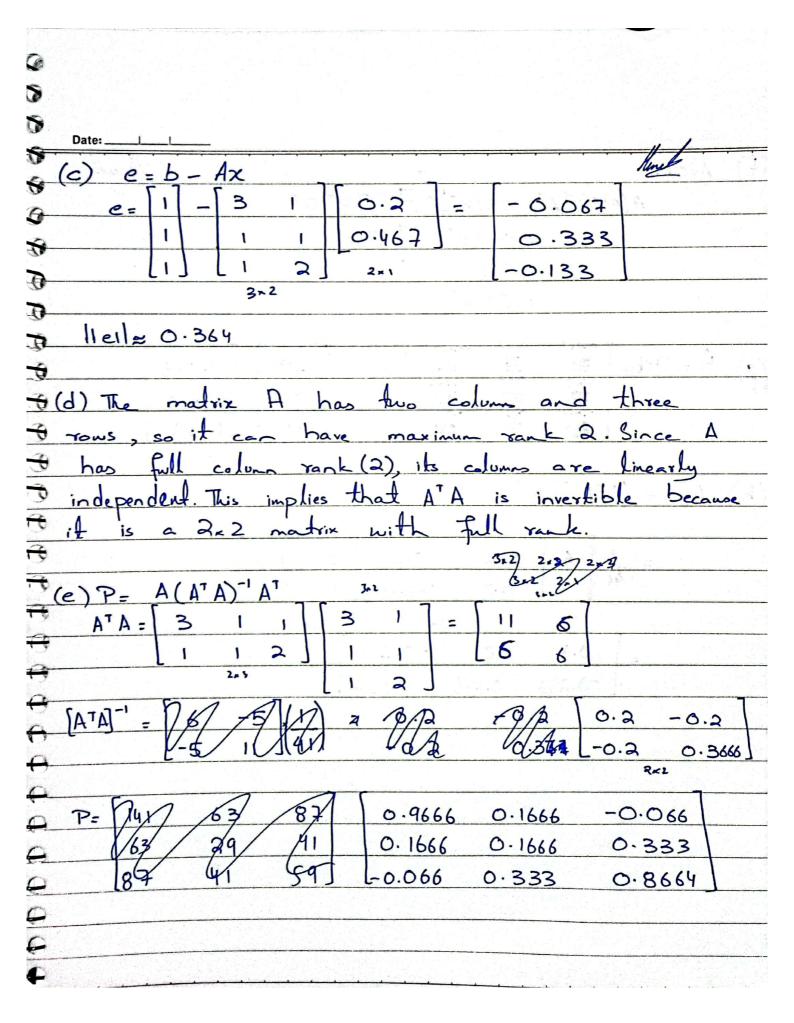
231-2		
Date: DS-1	HOMEWORK #11	March
A= 3-17. b	1/8/12	a
1 1	1	
, [12]	1	
(a) ATAX= AT b		Tan mit jab
(a) A AL= A D		Table BUV III
9 3 1 1	3 1 2 = 3	
	1 1 1	1 2]]
•	1 2]	
5 [11 6 x=	5 H 11 6 5	~ 6 6 4
6 6 6	4) [6 6 4]	[11 6 5]
M(1) 1 2/3]	~ 0 1 2/3 \ ~	(n) 0 ; 1/5]
11 6! 5	0 -5 -7/3	0 (1) 17/15
9		and a least to
$\frac{\chi_{1}}{5}, \frac{\chi_{2}}{5}$		0.2
9	L VIST LC	0.467
Q	2. 5. A. A.	
<u>g</u>		
Q Q		
9		

(b) A= PR. a1 = a2= 1 2 3/11 1/13 Q= 5/17 R = ゴ **\/**!! -1/52 Ji /2 小川 0 Rx=Q'b SIT Jii 21 + (5/Jii) x2 = 5/Jii X2 = 0.467 **ス**= 0.2 0.467



A=QR: A(ATA) - AT = QR(RT QT QR) - RT QT = QR(RTK)-1 RTQT = QKR Q' = QQT 1.068 0.167 0.667 1.133 (h) A = (ATA) - AT 2 - 2 2~3 0.4 -0.2 0.1666 -0.233 0.5332