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	Dept 1-	
	BSCS	
	A	
	Assignment#1	
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1		

DATE: ___/___/___ 9 8 96 -1/28+10 =-38

(-1)2+2 -20 1343

DATE
771578
7 2 -1 2
2 1 3 24
1/202
-2 -+ 1/2 lg
0 0 1 2 1 2 10
10 3 -6 3 JKg
P1+2P2, P4-2P2
1-1117
1 . 0 -3 15 4 14
1 2 9 -112 22
1 2 0
0 0 -1 -19:
Now, R1 - 2R2, R1+3R3, R4+R3
[, 0 0 21, -2] 2
0 0 1 2 1 - 2 12
6 6 -17 . 0 1/49
RankA + RankAB
Solvation is infinite
Os: Find the value of 1 solution.
=> (1-1)m1+m2-m3=0
$m_1 - \lambda m_2 - 2m_3 = 0$
$m_1 + 2m_2 - 2m_3 = 0$
Solution:

DATE: ___/__/___ Sos system is non-trivical From 1 Here, ++0 Ob: Use cramer's rule to solve a linear System. · -3~1+4~2+6~3=30 1-222+343=8 solution:

DATE.
L DW .
\ \\
[-1 -2 3]
=> 1 9 6 - 0 + 2 - 3 4
1-2 3
342 (6+4)
24+20-144
1A1 - 44
Then
6 0 2
130 4 6
6/4 6/- 0+2/30 11
1-2 3 C 4
1/18 -2
- 16(1) +12) - co +2(-60-32)
-6124) +28(a2)
= 328
Now.
2
-3 3m F
1 2 3 3
- 1 30 6 -6 -3 6 42 -3 301
8 3 -1 3 -1 9
1
= 1190-48)-61-9+6/+2/6)
- 42+18+17
= 72

DATE: ___/__/__ -3)+1-1)(6+6 -2

1 9 -2 1 7 1 7 1	
C 1 -1/13 1/13 P2	
0 -50 4 : -6185	
121-9R2 R3+50R2	
	_
1 0 -315 '4/13 R1 - 0 1 -1/13 11/13 R2	
0 1 -1/13 11/13 /22	
0 0 2/13 1 128/13/12	
	- 1
m+ (-315m2)-413	
nz - 1/13nz - 1/13 2	
2/13/12-128/133	
N3 - 128 x 2	
3 13	
M3 - 1664 - 832	
6 3	
From (2)	
2-1/232/-1	
13 (3) 13	
232 = 1 M2 - 64 = 1	
39 3 13	
# 39 N2 - 1 + 64	
toeth 13 3	
m2 = 835	
39	
From eq -1	
21 - 3/832/= 4	
5(3) 13	

DATE: ___/__/___

P1-9R2 P3+50P2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
my -3/5m3 = 43	
13	
no -1/13m2 = 1	-
\3	
2 2 -197	
<u> </u>	
N3197	
From (2)	
~2 - 11-1971- 1	
13 2 13	
N2 = 1 + 197	
13 26	
2 199	
26	
From (s)	
MI - 3 -197 = 43	
5 (2) 13	
N+ + 591 = 43	
10 13	
7, -43 -591	
13 10	
MI - 7253	
130	

DA				-	
		1 - 2 /		,	
~	= 7253	22-199	N31	97	
	130	26	3	2	
220:-51	now that m	bi ei xideo	empater		
	A- [2	12 47		-	
	-\	3 4			
		-5 -3			
	Solution: -				
	4				
		-			
			15.2		-
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