TUTORIAL - I

$$000 x + 8 - 2 = 9$$

$$84 + 62 = -6$$

$$-2x + 48 - 62 = 40$$

$$5 = 1 | 1 | 1 | 9$$

13 と D 0 ري $\mathcal{O}_{\mathcal{A}}$ 0 in consisterat N C 0 2 \circ 3 0 ∞ N w W ω .0 W 0 2 ∞ 5 00 N ∞

於少 NI Ry - 5Ry +12R, R3 -> 10R3 - R1 34 0 ∞ 3 5+x+ B 1082 + 17R1 -34x +16y -10z 10 11 00 17 0 O 0 O 148 0 2 Q -30 0 40 48 400 83 1/8

8

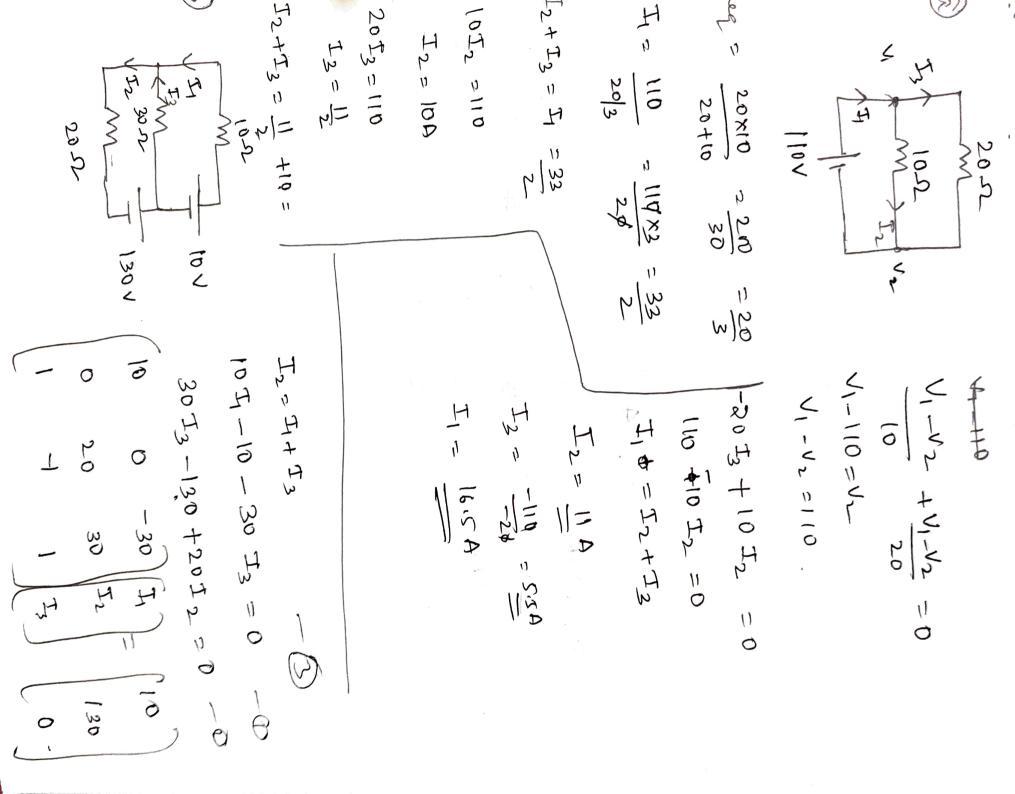
+44

1)

उथ

-172 +4 +22 = 2

R3->13R3 -R2



R3 > PR3 S(A) = R3 -> 2R3 + R2 20 I2+30 I3 110 I2 H -30 I3 H To GA PIA $\langle \mathcal{N} \rangle$ -130 S(A)= 3 O W - 21 - 21 + 8w + 8w 1) DJ O hx-₩ 0 52 W 0= +x+ 1x+ 000-00+ +100 -x3 +600 =0 O -1200 -1000 -30

S(A) = Ry -> Ry - By : Shutim W 20 8(A) memor 13 0 0 0 0 0 0 0 G B B 0 0 0 0 0 O 0 0 O O O **B** \mathcal{O} 0 かった 0 2200 1600 600 29 30 160 0 00 1 (6 g 6 3 6 5

0

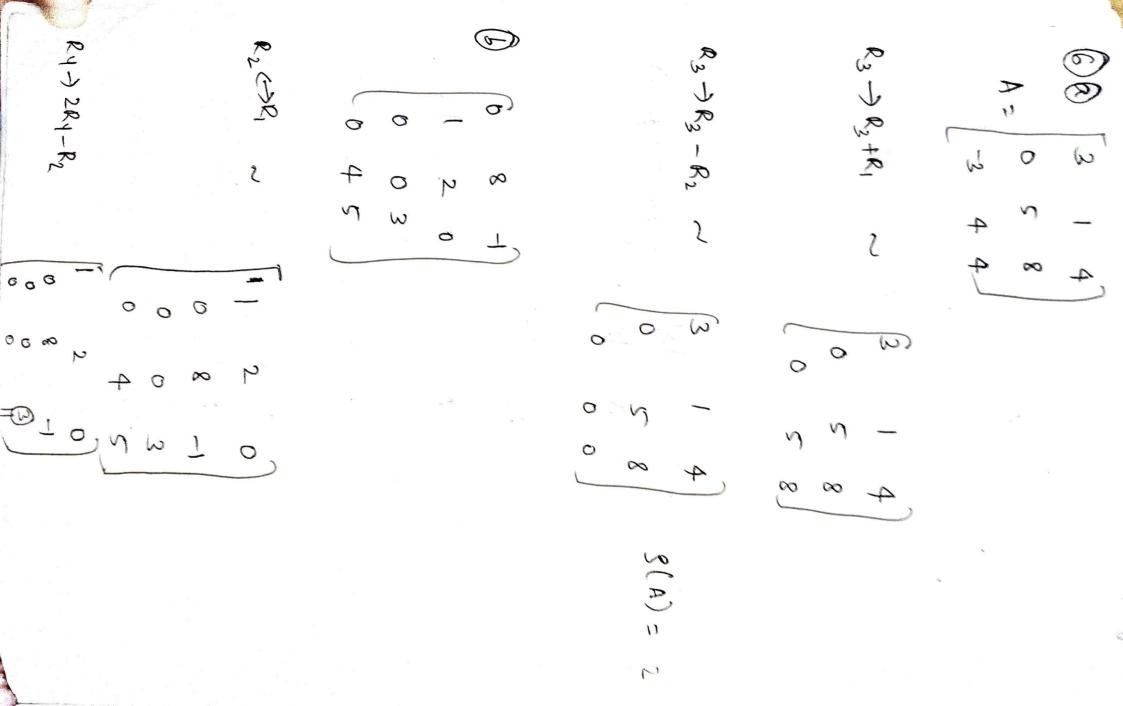
1000

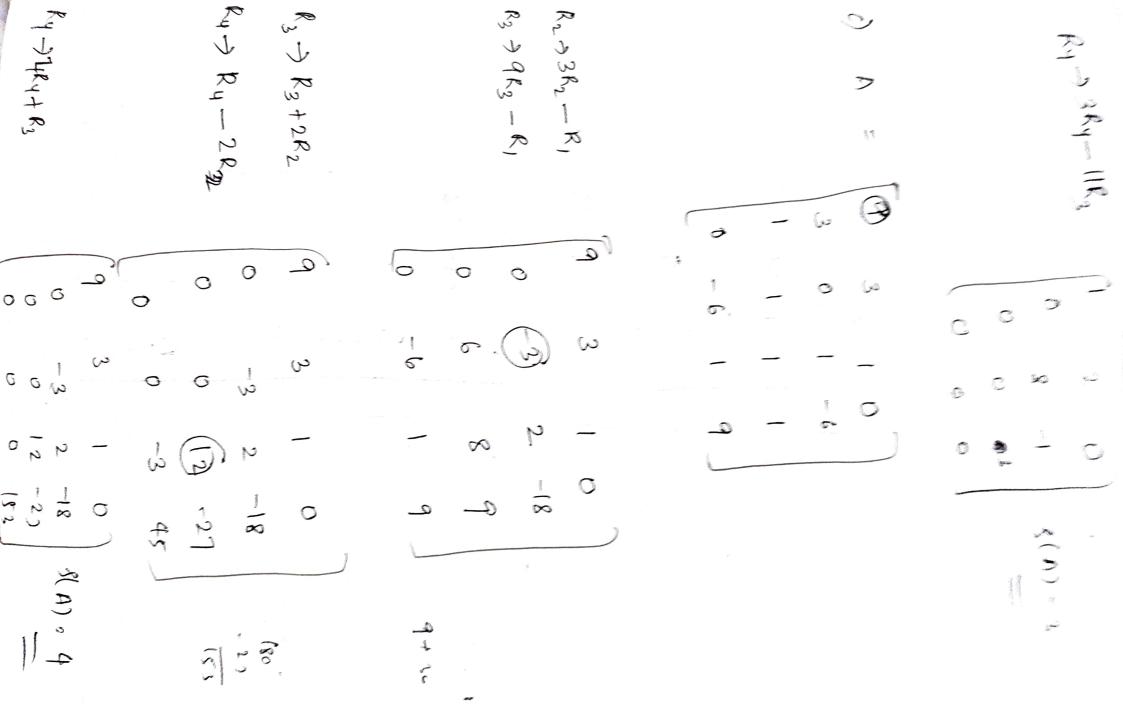
Q. 6 x+2y+42= 3 3x+8y+142=13 2x+6y+132=4

かって 2007 (2) 1 2 3 64/22 10 m でたまな 1 12 45 28/17 22 00 112 80 11 1 1) 7400 1) 0 0 -his his 0,0 10000 A 10000 0 0 Con-

X+24+42 2+8 51 24+543 CC) 34242 SC 0 N acias, 11 W 2 76 16 N (m) W W 1 W 11 112 113 5 () 2+25 いっち 1) 川で

N'I (O 242442 0 W W Ν. 5 0 3 P D Z. 11 D P 1) (۱ る。 A) =3 1A2/=8 Lu desemposition position 0 110





R3-3R3-3R2 R3-JR3-5R,~ Ry-JRy+R2 13 00 0 0 0 O G 0 3 \bigcirc 9 664 00 h C Ry JRy-2Rz R3-3 R3-3R1 R Ry-6R2 R3-P 2R2 (1) \bar{o} ھ 100 4 0 2

8(A) 2 2 J) mR2 0 0 5 0 32 0 2 3 アア T 41c +27 3 26+ 28 Q (y) 2-8 0 0 4 Q 8-44 0 8-41 7 + (4+27) 5 P G O 48+34 2450 46+27 8(A) 8+3K 3 0 7 本一 2/5 W

R3 - R3 - Ru Ry -> Ry + 2R1 R3 JR3 Ry -32Ry-R2 -2x +8y+42=40 52 - 84 - K2 32-54+2=0 x-84+2221 0 1 3R) (v) 0 00 如少事 42 PP 0 0 - 4 W - 14 R3 -> R 8(A)= 2 (8) \$(D) 0 cin consister 3 Rp 11 0 4 0 14R1 O 8 6 S

RX+14R3

S(A) ر. لئ -) a+c =2b 3a-6b+2 =0 W 6:12 9 =) infinite solutions 8(A) = 8(A) = unique solution 07 8-8 G g(A) = g(A) = 2 S(A) = 2 0 = 8 = 0 6-15-0 no solutión 8 6-15+0 S(A)=3

2

(2) *(A)

No solution