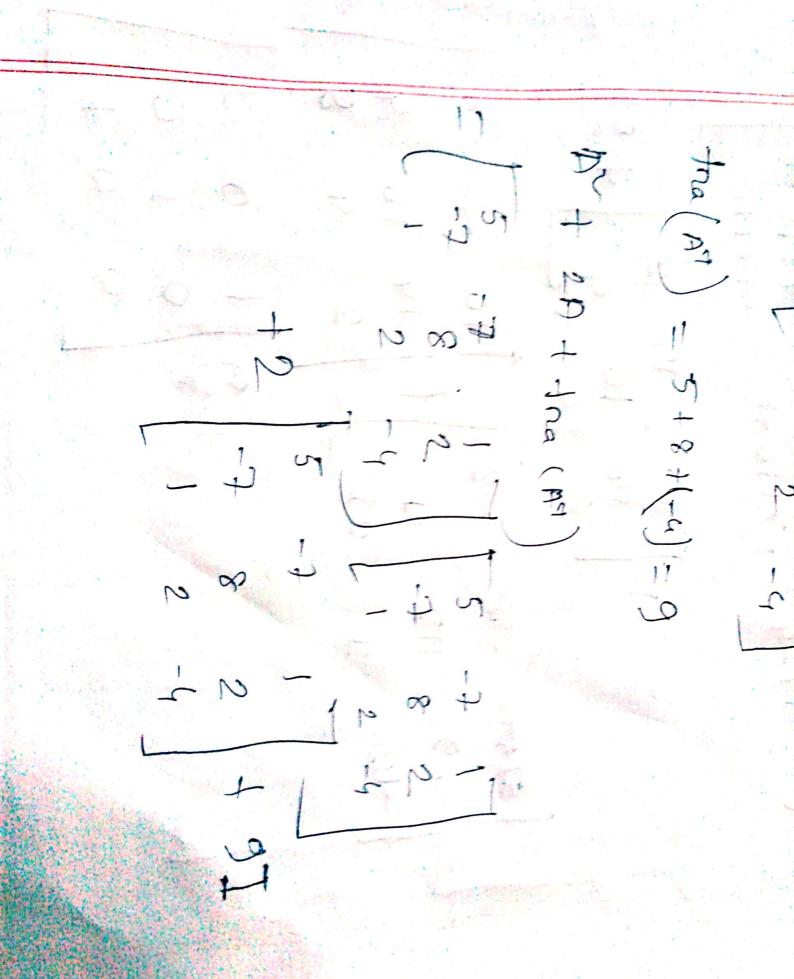
(2) A= 1 5 -7 -7 -7 2

5+8+(-4)=0

193130166

Coonned with ComPoonner



×1 + 2×2 - 3×3 +4×4 = 2 2m + 5x2 -2x3 +xq =1 12x2-7x3+6x4=3 Augmentel matrix:

7 12 -7

= multiplying first with -2 and -5 and and adding to the second row and thind row  $\begin{bmatrix} 1 & 2 & -3 & 4 & 2 \\ 0 & 1 & 4 & -7 & +3 \\ 0 & 2 & 8 & -14 & -7 \end{bmatrix}$ = multiplying a second row with -2 and adding with third took we get

= multiplying a second row with -2 and adding with thind took we get This Gauss = Troinge don Jonn so contradictory multiplying third now

= multiplying 2nd now with -2 adding with first now

adding with first now L amg 18 answer

i. This system has no solution on O=7 it is contralictoria