TD3, Sedro Gemes x + y + z = 0ソナミニんま (当) 一人ギャソナミニの Conversing it into a matrix we get: 1st row (1 1 1 0) = D 2 1st row + 2st row
2st row (-2 1 1 0) = D 2 1st row + 2st row (1 11 0) we have them: $\begin{cases} x + y + 7 = 0 \\ 0 + 3y + 37 = 0 \end{cases} = \begin{cases} y = -7 \\ 3(-7 - x) + 37 = 0 \end{cases}$ Y=-Z \Rightarrow basis found as: $\begin{pmatrix} 0\\-1 \end{pmatrix}$

(1)

7 =-1

We have 3 column, hance 3 variables, lout 4 nous, we can drop a row, and verily of the end if it checks. (Com We?)

$$\begin{pmatrix} 1 & 2 & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2 & | & 2$$

$$\begin{pmatrix}
122 & 2 \\
0-8-7 & -1 \\
001 & -1
\end{pmatrix}$$
Require:

2nd row = 9 - 2nd row + (-8). 3th zon

$$\begin{cases} -8y - 7 - 1 = 1 \\ 1 \end{cases} - 8y = -8 \\ y = -1 \\ 1 \end{cases}$$

X+27=0 0 X=27 X=-2.

$$| x + 2 \cdot | -1 | + 2 \cdot | = 2 | x - 2 + 2 \cdot | = 2 | x = -2$$

peopere there is a solution.