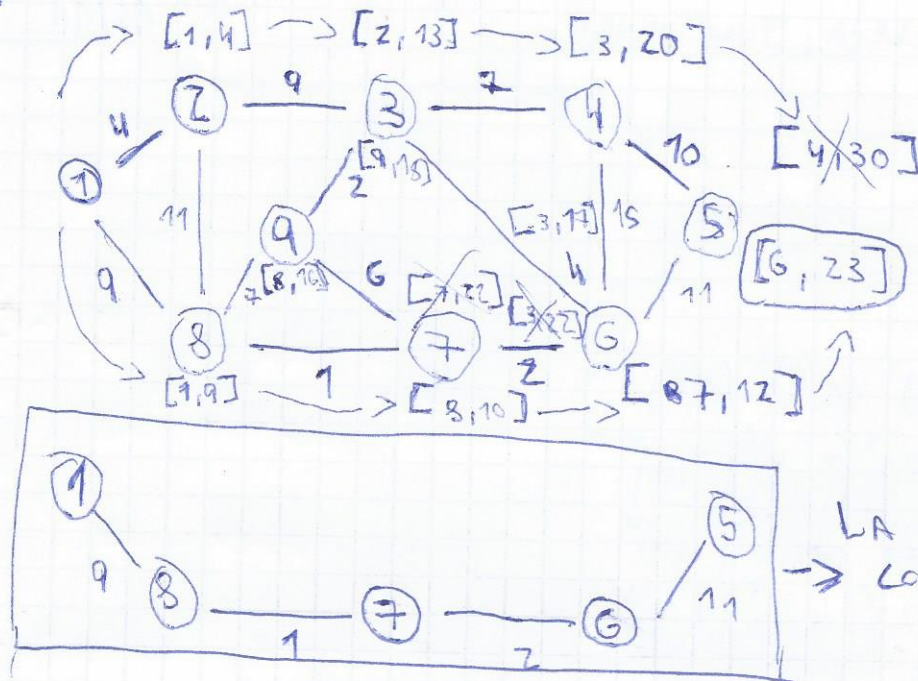


2-



$$1 - \begin{cases} x - 3y + z = 0 \\ 5x - 2y + 0z = 0 \\ 4x + y - z = 0 \end{cases}$$

$$-\frac{2}{13}z = 0 \Rightarrow \frac{2}{13}z$$

$$-\frac{5}{13}z = 0 \Rightarrow y = \frac{5}{13}z$$

$$S = \left(\frac{2}{13}z ; \frac{5}{13}z ; z \right) \rightarrow \text{SISTEMA INDETERMINADO}$$

x	y	z	1
1	-3	1	0
5	-2	0	0
4	1	-1	0
1	-3	1	0
0	13	-5	0
0	13	-5	0
1	0	$-\frac{2}{13}$	0
0	0	$-\frac{5}{13}$	0

~~$$x = \frac{2}{13}z$$~~

~~$$y = \frac{5}{13}z$$~~

~~$$z = z$$~~

~~$$S = \left(\frac{2}{13}z ; \frac{5}{13}z ; z \right)$$~~

~~$$x = \frac{2}{13}z ; y = \frac{5}{13}z ; z = z$$~~

$$z = 1 \rightarrow S = \left(\frac{2}{13} ; \frac{5}{13} ; 1 \right)$$

$$z = 13 \rightarrow S = (2, 5, 13)$$

SOLUCIONES PARTICULARES

→ NO SE PUEDE CONTINUAR PIVOTEARDO

ES UN SISTEMA INDETERMINADO

C.I