1.2-Connain Elimatin Metrix Example $A = \begin{bmatrix} 3 & 2 & -4 \end{bmatrix}, a_{i,i} \text{ format}$ Coefficient motions inches only coefficients. of numbles in the system of lines. equels sign its the number side funs an 'ariginated motiva mith another chimn Similar strategy as back - substitute -we must I's in the beding each trist spots to ruch now - chelon form. [XXX]

[X Ganssian elination ford. REF, Came. Judas elimente find reduced REF.

Fig.
$$0x_1 + 4x_2 - 2x_3 = 2$$
 $4x_1 + 9x_2 - 3x_3 = 8$
 $-2x_1 - 3x_2 + 7x_3 = 10$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
2 + -2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
3 + 2 + 2 & 2 \\
0 + 2 & 4
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
4 + 2 & 4 + 2 \\
0 & 4 + 2
\end{cases}$$

$$\begin{cases}
5 & 4 & 4 + 2 \\
0 & 4 & 4
\end{cases}$$

$$\begin{cases}
6 & 4 & 4 & 4 \\
6 & 4 & 4
\end{cases}$$

$$\begin{cases}
7 & 2 & -1 & 1 \\
0 & 1 & 4
\end{cases}$$

$$\begin{cases}
7 & 2 & -1 & 1 \\
0 & 1 & 4
\end{cases}$$

$$\begin{cases}
7 & 2 & -1 & 1 \\
0 & 1 & 4
\end{cases}$$

$$\begin{cases}
7 & 2 & -1 & 1 \\
0 & 1 & 4
\end{cases}$$

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7 & 2 & -1 & 1 \\
0 & 1 & 4
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$$7 & 2 & -1 & 1 \\
0 & 2 & -1
\end{cases}$$

$$7 & 2 & -1 & 1 \\
0 & 2 & -1
\end{cases}$$

$$7 & 3 & -1 & -1
\end{cases}$$