Soul

X1 + X2 + X3 = 6 $x_1 + 2x_2 - x_3 = 2$ 2×1 + ×2+2×3=10

Eliminus Cours raif

· Matriles your tribulate

$$\begin{bmatrix} 1 & 1 & 1 \\ 1 & 2 & -1 \\ 2 & 1 & 2 \end{bmatrix} \times \begin{bmatrix} 6 \\ 2 \\ 1 \\ 2 \end{bmatrix}$$

Laugrah 1.

1 b1 -> [42 1/2 1/2] [x1] = [6/2]

2 1 2 -1 | x2 | = [6/2]

2 1 2 -1 | x3 | = [6/2]

$$\begin{bmatrix} 1/2 & 1/2 & 1/2 \\ 1 & 2 & -1 \\ 2 & 1 & 2 \end{bmatrix} \begin{bmatrix} \times 1 \\ \times 2 \\ \times 3 \end{bmatrix} \begin{bmatrix} 6/2 \\ 2 \\ 10 \end{bmatrix}$$

Langual, 2 dans 3.
$$b_2 - b_1 - 5 \begin{bmatrix} 1/2 & 1/2 & 1/2 \\ 0 & 3 - 1/2 \\ 2 & b_2 & 2 \end{bmatrix} \times 2 = \begin{bmatrix} 6/2 \\ 4 \\ 10 \end{bmatrix}$$

Largert 4 dru 5.

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