

$$\left[ \begin{array}{ccc|c} 1 & -2 & 1 & 1 \\ 2 & -6 & 6 & 2 \\ -3 & 5 & -1 & 3 \end{array} \right] \begin{array}{l} \swarrow -2 \\ \nwarrow \cdot 3 \end{array}$$

$$\left[ \begin{array}{ccc|c} 1 & -2 & 1 & 1 \\ 0 & -2 & 4 & 0 \\ 0 & -1 & 2 & 6 \end{array} \right] \swarrow \cdot (-1/2)$$

$$\left[ \begin{array}{ccc|c} 1 & -2 & 1 & 1 \\ 0 & -2 & 4 & 0 \\ 0 & 0 & 0 & 0 \end{array} \right] \leftarrow \text{Raden ger att } 0 \cdot z = 0$$

$\Rightarrow$  Finns ingen lösning