$$\rightarrow \begin{pmatrix} 1 & 1 & -2 & 3 & 0 \\ 0 & -1 & 2 & -2 & -1 \\ 0 & -1 & phb & 2 & -1 \\ 0 & -2 & -4 & -1 & t \end{pmatrix}$$

$$| t = 2 + p = -8 \text{ m}.$$

$$(A|b) \sim \begin{pmatrix} 1 & 1 & -2 & 3 & | & 0 \\ 0 & 1 & 2 & 2 & | & 1 \\ 0 & 0 & 0 & 0 & | & 0 \end{pmatrix}$$

$$\sim \begin{pmatrix} 1 & 0 & -4 & 1 & | & -1 \\ 0 & 1 & 2 & 2 & | & 1 \\ 0 & 0 & 1 & 0 & | & 0 \end{pmatrix}$$

$$\vec{J}_1 = \begin{pmatrix} 4 \\ -1 \\ 0 \end{pmatrix}$$
 $\vec{J}_2 = \begin{pmatrix} -1 \\ 0 \\ 1 \end{pmatrix}$ AX=b的特殊 $\vec{J}_1 = \begin{pmatrix} -1 \\ 0 \\ 0 \end{pmatrix}$

$$(A|b) \sim \begin{pmatrix} 1 & 1 & -2 & 3 & 0 \\ 0 & 1 & 2 & 2 & 1 \\ 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{pmatrix}$$

$$\sim \begin{pmatrix} 1001 & -1 \\ 0102 & 0 \\ 0000 & 0 \end{pmatrix}$$

$$\vec{\beta}_{1} = \begin{pmatrix} -1 \\ -2 \\ 0 \\ 1 \end{pmatrix}$$

· AX=bri通例为丁+ax+cxx

