tishless [-2] and 
$$\pi_2 = \begin{bmatrix} 2 \\ 0 \\ -2 \\ 1 \end{bmatrix}$$

if  $Z = C \begin{bmatrix} -2 \\ 1 \\ 0 \end{bmatrix} + d \begin{bmatrix} 2 \\ 0 \\ -2 \\ 1 \end{bmatrix}$ 

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if  $Z = C \begin{bmatrix} -2 \\ 1 \\ 0 \end{bmatrix} + d \begin{bmatrix} 2 \\ 0 \\ -2 \\ 1 \end{bmatrix}$ 

Steps: We eliminately that to  $V$ 

@ hind number of privates, called  $R$ 

@ get the  $R = R$  from variables he of or  $R = R$ 

Reduced now edgelow form

$$V = \begin{bmatrix} 1 & 2 & 2 & 2 \\ 0 & 0 & 2 & 4 \\ 0 & 0 & 0 & 0 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 0 & 2 \\ 0 & 0 & 2 & 4 \\ 0 & 0 & 0 & 0 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 0 & 2 \\ 0 & 0 & 1 & 2 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

$$pivot dos \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} Free dos \begin{bmatrix} 2 & 2 \\ 0 & 2 \end{bmatrix} mordob : reef (s),$$

$$I = \begin{bmatrix} 1 & F \\ 0 & 1 \end{bmatrix}$$

$$A1 = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 2 & 6 & 7 \\ 2 & 8 & 9 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 2 & 6 & 7 \\ 2 & 8 & 9 \end{bmatrix}$$

$$I = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 2 & 6 & 7 \\ 2 & 8 & 9 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 2 & 6 & 7 \\ 2 & 8 & 9 \end{bmatrix}$$

$$I = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 2 & 6 & 7 \\ 2 & 8 & 9 \end{bmatrix} = \begin{bmatrix} -1 & -1 & -1 \\ 1 & 1 & -1 \\ 1 & 1 & -1 \end{bmatrix}$$