

Solución

$$\begin{pmatrix} -a & -b & c \\ -b & -b & -b \\ c & -b & -a \end{pmatrix} + y \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} -a+y & -b & c \\ -b & -b+y & -b \\ c & -b & -a+y \end{pmatrix}$$

Pasos

$$\begin{pmatrix} -a & -b & c \\ -b & -b & -b \\ c & -b & -a \end{pmatrix} + y \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

$$y \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} y & 0 & 0 \\ 0 & y & 0 \\ 0 & 0 & y \end{pmatrix}$$

Mostrar pasos

$$= \begin{pmatrix} -a & -b & c \\ -b & -b & -b \\ c & -b & -a \end{pmatrix} + \begin{pmatrix} y & 0 & 0 \\ 0 & y & 0 \\ 0 & 0 & y \end{pmatrix}$$

$$\begin{pmatrix} -a & -b & c \\ -b & -b & -b \\ c & -b & -a \end{pmatrix} + \begin{pmatrix} y & 0 & 0 \\ 0 & y & 0 \\ 0 & 0 & y \end{pmatrix} = \begin{pmatrix} -a+y & -b & c \\ -b & -b+y & -b \\ c & -b & -a+y \end{pmatrix}$$

Mostrar pasos

$$= \begin{pmatrix} -a+y & -b & c \\ -b & -b+y & -b \\ c & -b & -a+y \end{pmatrix}$$