2. Determinar la correspondiente matriz de cofactores y matriz adjunta de las siguientes matrices:

c) C¿ $\begin{bmatrix} 2 & 7 & 0 \\ 1 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ → $C_{cof} = \begin{pmatrix} c_{11} & -c_{12} & c_{13} \\ -c_{21} & c_{22} & -c_{23} \\ c_{31} & -c_{32} & c_{33} \end{pmatrix} = \begin{pmatrix} 1 & -1 & 0 \\ -7 & 2 & 0 \\ 0 & 0 & -5 \end{pmatrix}$

$c_{11} = \begin{vmatrix} 1 & 0 \\ 0 & 1 \end{vmatrix} = 1$; $c_{12} = \begin{vmatrix} 1 & 0 \\ 0 & 1 \end{vmatrix} = 1$; $c_{13} = \begin{vmatrix} 1 & 1 \\ 0 & 0 \end{vmatrix} = 0$

$c_{21} = \begin{vmatrix} 7 & 0 \\ 0 & 1 \end{vmatrix} = 7$; $c_{22} = \begin{vmatrix} 2 & 0 \\ 0 & 1 \end{vmatrix} = 2$; $c_{23} = \begin{vmatrix} 2 & 7 \\ 0 & 0 \end{vmatrix} = 0$

$c_{31} = \begin{vmatrix} 7 & 0 \\ 1 & 0 \end{vmatrix} = 0$; $c_{32} = \begin{vmatrix} 2 & 0 \\ 1 & 0 \end{vmatrix} = 2$; $c_{33} = \begin{vmatrix} 2 & 7 \\ 1 & 1 \end{vmatrix} = -5$

$$AdjD = D_{cof}{}^{t} = \begin{pmatrix} 1 & -7 & 0 \\ -1 & 2 & 0 \\ 0 & 0 & -5 \end{pmatrix}$$