Hallar la Inversa de A:→ A⁻¹=?

$$A = \begin{vmatrix} 2 & -2 & 2 \\ 2 & 1 & 0 \\ 3 & -2 & 2 \end{vmatrix}$$

$$\vdots$$

$$2 \begin{vmatrix} -2 & 2 \\ 2 & 1 & 0 \\ 3 & -2 & 2 \end{vmatrix}$$

$$0 \begin{vmatrix} 2 \cdot 1 \cdot 2 + 2 \cdot 2 \cdot 2 + 3 \cdot 2 \cdot 0 \\ 4 + (-\theta) + 0 \Rightarrow -4 \quad \therefore -4 - (-2) = -2 + 2 \cdot 2 \cdot 2 \\ 6 + 0 \quad -\theta \Rightarrow -2 \end{vmatrix}$$

$$A^{t} = \begin{vmatrix} 2 & 2 & 3 \\ -2 & 1 & -2 \\ 2 & 0 & 2 \end{vmatrix}$$

Transpose ta:

Adjusta de At:

$$A = \begin{vmatrix} 2 & 2 & 3 \\ -2 & 1 & -2 \\ 2 & 0 & 2 \end{vmatrix}$$
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$$A = \begin{vmatrix} 2 & 3 & 3 & 3 & 3 \\ 2 & 2 & 2 & 2 \\ 2 & 0 & 2 & 3 \\ 2 & 0 & 2 & 3 \\ 3 & 0 & 2 & 3 \\ 4 &$$

Adj de 2:

$$+\begin{vmatrix} 1 & -2 \\ 0 & 2 \end{vmatrix} = 1.2 - (-2.0) = 2$$
Adj 2:
 $-\begin{vmatrix} -2 & -2 \\ 2 & 2 \end{vmatrix} = -(-2.2) - (2.2) = -2.0 - (2.1) = -2.0 - ($

Ag de -2:

$$-\begin{vmatrix} 2 & 3 \\ 0 & 2 \end{vmatrix} = 2.2 - (3.0) = 4$$

Adj 1:
+
$$\left| \frac{2}{2} \frac{3}{2} \right| = \frac{2.2 - (3-2)}{1} = -\frac{1}{2}$$

Adj de 2:

$$+ \begin{vmatrix} 23 \\ 1-2 \end{vmatrix} = -4 - (31) = -7$$
 $- \begin{vmatrix} 23 \\ -2-2 \end{vmatrix} = - [(2-2)-(3-2)] + \begin{vmatrix} 22 \\ -21 \end{vmatrix} = 2.1 - (2-2) = 6$

$$|Ady|^{3}:$$
+ $\begin{vmatrix} -2 & 1 \\ 2 & 0 \end{vmatrix} = -2.0 - (2.1) = -2$

$$Ady 2:$$
+ $\begin{vmatrix} 2 & 2 \\ -2 & 1 \end{vmatrix}$ = 2.1-(2-2)=6

Resultado de At so.

$$A^{-L} = \frac{AdJ(A^t)}{|A|}$$