8.4. Matriz inversa

3.4. Matriz inversa
$$A^{-1} = \frac{1}{|A|} \cdot (A^{d})^{\frac{1}{d}}$$

$$A = \begin{pmatrix} 2 & 3 & 0 \\ 1 & 3 & 4 \\ 1 & 2 & 1 \end{pmatrix} \longrightarrow |A| = -1 \neq$$

$$Ad = \begin{pmatrix} A_{11} & A_{12} & A_{13} \\ A_{21} & A_{22} & A_{23} \\ A_{31} & A_{32} & A_{33} \end{pmatrix} = \begin{pmatrix} -5 & +3 \\ -3 & 2 \\ 12 & -8 \end{pmatrix}$$

$$A_{21} = -A_{22} = -\begin{vmatrix} 3 & 0 \\ 2 & 1 \end{vmatrix} = -3$$
  $A_{22} =$ 

$$A_{31} = A_{31} = \begin{vmatrix} 3 & 0 \\ 3 & 4 \end{vmatrix} = 12$$
  $A_{32}$ 

$$-212 = -124 = 3$$
 $-212 = 3$ 
 $-212 = 3$ 
 $-212 = 3$ 

- 1

-, -1

=3

$$A^{-1} = \frac{1}{-1}, \quad \begin{pmatrix} -5 & -3 & 12 \\ 3 & 2 & -8 \\ -1 & 1 & -1 & 3 \end{pmatrix} =$$