

7.5. Rango de una matriz

$$A = \begin{pmatrix} 2 & 5 & -3 & -4 & 8 \\ 4 & 7 & -4 & -3 & 9 \\ 6 & 9 & -5 & 2 & 4 \\ 60 & -9 & 6 & 5 & -6 \end{pmatrix}$$

$$\begin{pmatrix} - & - & - & - & - \\ - & & - & - & - \\ - & - & - & - & - \\ - & - & - & - & - \end{pmatrix}$$

rango

$$\begin{pmatrix} - & - & - & - & - \\ - & - & - & - & - \\ - & - & - & - & - \\ 0 & 0 & 0 & 0 & 0 \\ 1 & - & - & - & 1 \end{pmatrix}$$

rango

$$\text{orden } 4 \times 5 \rightarrow \text{rang} \leq 4$$

$$= 4$$

$$p = 3$$

$$\begin{pmatrix} \begin{array}{c} \text{---} \\ 0 \\ 0 \end{array} & \begin{array}{c} \text{---} \\ 0 \\ 0 \end{array} & \begin{array}{c} \text{---} \\ 0 \\ 0 \end{array} & \begin{array}{c} \text{---} \\ 0 \\ 0 \end{array} & \begin{array}{c} \text{---} \\ 0 \\ 0 \end{array} \end{pmatrix}$$

range

$$0 = 2$$