Ch4 Definitions

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Petintion 4.6 for space
$$A = \begin{pmatrix} 1 & 2 \\ 3 & 7 \end{pmatrix} \quad A^{T} = \begin{pmatrix} 1 & 3 & 5 \\ 2 & 4 & 6 \end{pmatrix}$$

$$Rou(A) = Col(A^{T})$$

$$= \left\{ \begin{pmatrix} 1 \\ 2 \end{pmatrix}, \begin{pmatrix} 3 \\ 4 \end{pmatrix}, \begin{pmatrix} 5 \\ 6 \end{pmatrix} \right\}$$