The MATLAB \texttt{size} command

Use the MATLAB \texttt{size} command to find the number of rows and columns in a matrix.

If \( A \) is a matrix, the command \texttt{size}(A) returns a two-element row vector, where the first element is the number of rows in \( A \) and the second element is the number of columns in \( A \).

For example, if \( A = \begin{bmatrix} 1 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8 \end{bmatrix} \),

The command \texttt{nrcA = size(A)}, produces \( nrcA = \begin{bmatrix} 2 & 4 \end{bmatrix} \).