

## Theory of Matrices

Saturday, 26 July 2025 2:45 PM

(1) - Row Matrix  $\rightarrow \begin{bmatrix} 1 & 2 & 3 & 4 \end{bmatrix}$

(2) - Column Matrix  $\rightarrow \begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix}$

(3) - Zero or null Matrix  $\rightarrow \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$

(4) - Square Matrix  $\rightarrow \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$

(5) - Identity Matrix  $\rightarrow \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$