ASSIGNMENT 2

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Download all python codes from

https://github.com/AmulyaTallamraju/EE3900/blob/
main/Assignment−2/codes/Assignment−2.py

and latex-tikz codes from

https://github.com/AmulyaTallamraju/EE3900/blob/
main/Assignment−2/Assignment−2.tex

1 Matrices 2.4 (iv)

Let A=$\begin{pmatrix} 2 & 4 \\ 3 & 2 \end{pmatrix}$,B=$\begin{pmatrix} 1 & 3 \\ -2 & 5 \end{pmatrix}$. Find AB

2 Solution

$$
AB = \begin{pmatrix} (2 \times 1) + (4 \times (-2)) & (2 \times 3) + (4 \times 5) \\ (3 \times 1) + (2 \times (-2)) & (3 \times 3) + (2 \times 5) \end{pmatrix}
$$
$$(2.0.1)$$

$$
= \begin{pmatrix} -6 & 26 \\ -1 & 19 \end{pmatrix}
$$
$$(2.0.2)$$