Worksheet # 7

Wednesday, February 6, 2024

Name

Question (5 pts):

Consider an arbitrary matrix A and an identity matrix I given by:

$$A = \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix};\ I = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}.$$

Find $I \otimes A$