Reflection Essay

This assignment introduces to the basic of python programming, numpy and opencv. It includes basic numpy array manipulations, doing PCA using numpy, reading and displaying videos and images using opencv.

Q: How to rearrange (a1, a2, a3, a4, …, a2n, a2n+1) to (a1, a3, a5, a7, …, a2n+1, a2, a4, …, a2n) using permutation matrix P.

A:

Q: Are there multiple functions that can perform such eigenvalue decomposition?

A: