



Generative Adversarial Network

2025/2026

Assignment_1

- Compress a gray scale image using PCA, then visualize the compressed image
- Decompress the compressed image and visualize it
- Don't use the PCA built-in function
- Group of 2

Bonus:

- Compress a colored image instead of a gray image (**Don't convert the colored image into gray scale**)
- Compress a group of images that can be grouped into less number of images containing the common features (hint: search for eigen faces) **For example**



Compressed Representation (Feature Values)

