

MLFA

Click to add text

LAB 1

Assignment: First assignment will be image/video denoising. We will provide some images.

- Part 1: Corrupt the images : randomly choosing some pixels and replacing the pixel values with random/junk values. [3 marks]
- Part 2: Display and save the noisy images. [2 marks]
- Part 3: Read in the saved noisy images. Identify the noisy pixels by comparing them with neighboring pixels. [2 marks]
- Part 4: Replace the "noisy pixels" identified in part 3 with mean and median of the neighboring pixels. Display the "denoised" images. [3 marks]