Fourier Transform and Image Restoration

Experiment-1:

Apply to image "cameraman"

- Create low pass filter and apply it to the image.

- Create high pass filter and apply it to the image.

Experiment-2:

Use image ('eight')

- Apply gaussian noise on the given image

- Apply adaptive wiener filter

- Show the noisy image before and after applying the filter

Experiment-3:

Use image ('cameraman')

- Apply salt and pepper noise

- Apply arithmetic mean filter

- Apply median filter

- Apply max filter

- Apply min filter