

Q8 Report

1. Original Images:



2. Noisy Images:



left - noise 5 | right - noise 10



Top - Noise 5 | Bottom - Noise 10

3. Results of the filters:

a. Filters on images of noise 5



As sigma values increase, there is greater smoothing (filter 1 is best)

b. Filters on images of noise 10



Filter 3 is best, as img is noisier

Similar results are shown in Kodak images

(Note all images have been saved from the figures directly in the report dir.)





Above three images are Noise = 5, filters 1, 2, 3 respectively





Above three images are Noise = 10, filters 1, 2, 3 respectively