

Computer Vision HW8: Noise Removal

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Gaussian Noise, Amplitude=10, SNR=13.599920550678796



Box 3x3, SNR=17.73264765621448



Box 5x5, SNR=14.866501570632295



Median 3x3, SNR=17.653337556582926



Median 5x5, SNR=16.025808368377653



Opening Then Closing,
SNR=13.252348650471575



Closing Then Opening,
SNR=13.58421863680454



Gaussian Noise, Amplitude=30, SNR=4.174460613969036



Box 3x3, SNR=12.602908789079365



Box 5x5, SNR=13.289038440161846



Median 3x3, SNR=11.07384441018871



Median 5x5, SNR=12.88482148245749



Opening Then Closing,
SNR=11.12833991109291



Closing Then Opening,
SNR=11.18962807305495



Salt and Pepper, Threshold=0.05, SNR=0.967009526036654



Box 3x3, SNR=6.332491101157763



Box 5x5, SNR=8.506684280903068



Median 3x3, SNR=14.824391857769527



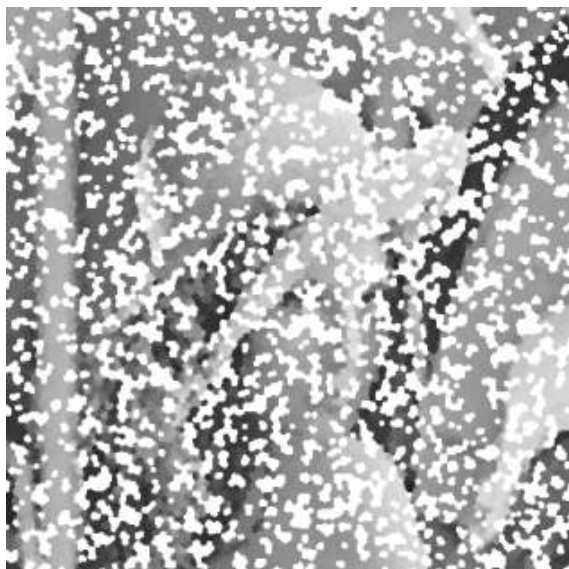
Median 5x5, SNR=15.754176559943051



Opening Then Closing,
SNR=-2.17878065911415



Closing Then Opening,
SNR=-2.6830361898574075



Salt and Pepper, Threshold=0.1, SNR=-2.10788765565936



Box 3x3, SNR=6.332491101157763



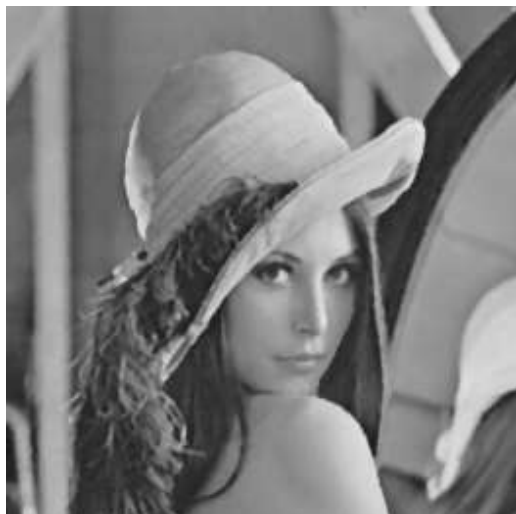
Box 5x5, SNR=8.506684280903068



Median 3x3, SNR=14.824391857769527



Median 5x5, SNR=15.754176559943051



Opening Then Closing,
SNR=-2.17878065911415



Closing Then Opening,
SNR=-2.6830361898574075

