

1. Gaussian noise, amplitude=10



Gaussian noise, amplitude=10, SNR = 13.55352767565755



Box_3x3, SNR = 17.7199856142257



Box_5x5, SNR = 14.850088102265811



Median_3x3, SNR =
17.672104337557624



Median_5x5, SNR =
15.985375707867664



Opening-then-closing, SNR =
13.21507748291439



Closing-then-opening, SNR =
13.543173712849082

2. Gaussian noise, amplitude=30



Gaussian noise, amplitude=30, SNR = 2.147657321373784



Box_3x3, SNR = 9.812521918839929



Box_5x5, SNR = 10.830447598282403



Median_3x3, SNR =
10.707576658533046



Median_5x5, SNR = 12.40231014134319



Opening-then-closing, SNR =
8.47719738159044



Closing-then-opening, SNR =
7.339090533835001

3. Salt-and-pepper noise, probability=0.1



Salt-and-pepper noise, probability=0.1, SNR = -2.0581611046225077



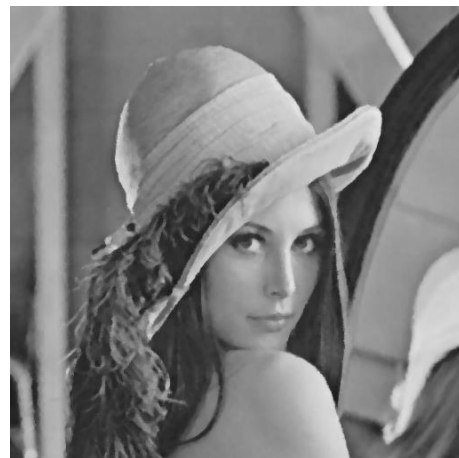
Box_3x3, SNR = 6.384501031010186



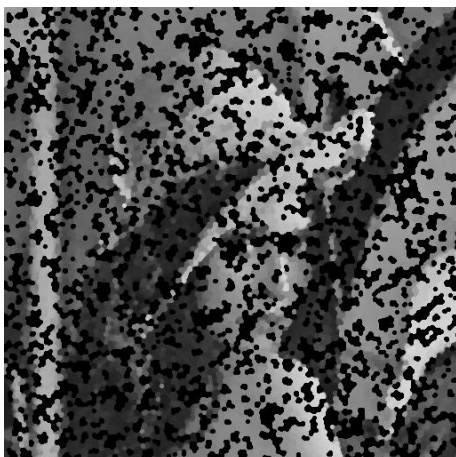
Box_5x5, SNR = 8.550306907902788



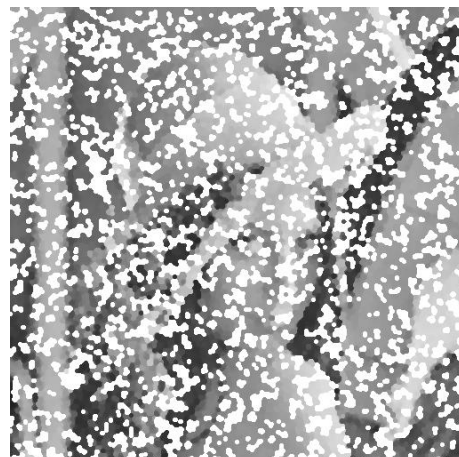
Median_3x3, SNR =
14.899306822490583



Median_5x5, SNR =
15.848642245515641



Opening-then-closing, SNR = -
2.120962637604737



Closing-then-opening, SNR = -
2.4705543608242113

4. Salt-and-pepper noise, probability=0.05



Salt-and-pepper noise, probability=0.05, SNR = 0.936134079484042



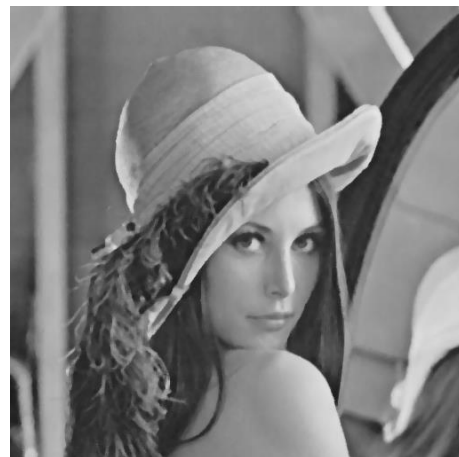
Box_3x3, SNR = 9.468718492326017



Box_5x5, SNR = 11.155757810234956



Median_3x3, SNR =
19.289783645721542



Median_5x5, SNR =
16.388560275484537



Opening-then-closing, SNR =
5.700596765261303



Closing-then-opening, SNR =
5.732196506152376