

## Report

Gaussian noise, amplitude = 10



Gaussian noise, amplitude = 10, SNR = 13.552167094917628



Box\_3x3, SNR = 17.713456198358525



Box\_5x5, SNR = 14.853877759192084



Median\_3x3, SNR = 17.645124203269035



Median\_5x5, SNR = 16.006320415179314



Opening-then-closing,  
SNR = 13.259985245179081



Closing-then-opening,  
SNR = 13.580713028696918

Gaussian noise, amplitude = 30



Gaussian noise, amplitude = 30, SNR = 2.853278518880998



Box\_3x3, SNR = 10.818112561696973



Box\_5x5, SNR = 11.795861220219368



Median\_3x3, SNR = 10.858707421240897



Median\_5x5, SNR = 12.635361549112202



Opening-then-closing,  
SNR = 11.140254903072792



Closing-then-opening,  
SNR = 8.092940424038675

Salt-and-pepper noise, probability=0.1



Salt-and-pepper noise, probability=0.1, SNR = -2.0916216505654335



Box\_3x3, SNR = 6.379755372065572



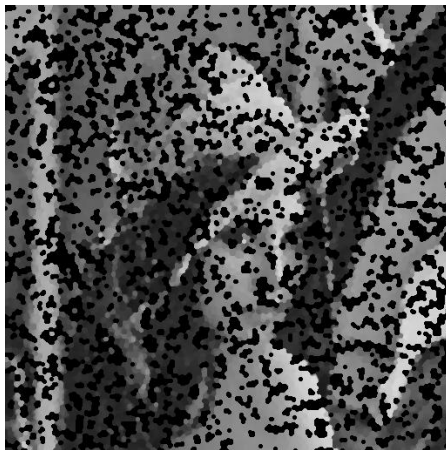
Box\_5x5, SNR = 8.571157015389222



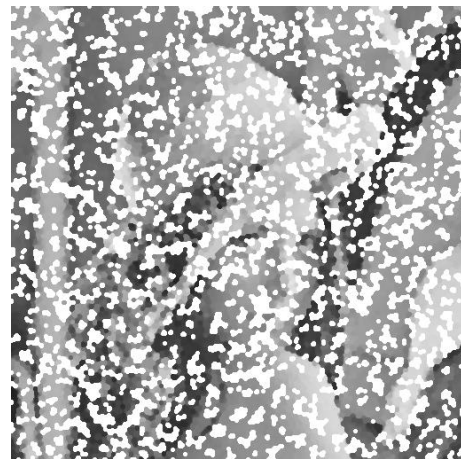
Median\_3x3, SNR = 15.129191143169201



Median\_5x5, SNR = 15.750280720172633



Opening-then-closing,  
SNR = -2.131723714394168



Closing-then-opening,  
SNR = -2.4530666902028115

Salt-and-pepper noise, probability=0.05



Salt-and-pepper noise, probability=0.05, SNR = 0.8805529240149496



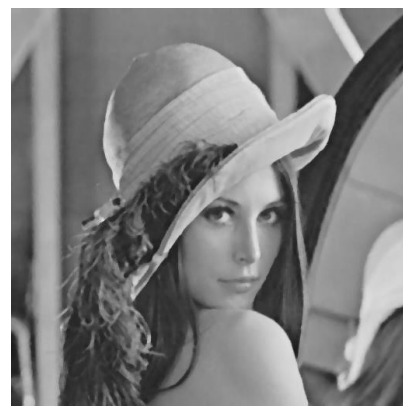
Box\_3x3, SNR = 9.395095238442346



Box\_5x5, SNR = 11.084491499936323



Median\_3x3, SNR = 19.153310252375785



Median\_5x5, SNR = 16.386437657158393



Opening-then-closing,  
SNR = 5.6284195476455



Closing-then-opening,  
SNR = 5.312219203515447