



noisy images with gaussian noise, amplitude = 10, SNR = 13.60132



Box_3*3, SNR = 17.73218



Box_5*5, SNR = 14.85569



Median_3*3, SNR = 17.66604



Median_5*5, SNR = 15.98785



Opening-then-Closing, SNR = 13.24529



Closing-then-Opening, SNR = 13.55722



noisy images with gaussian noise, amplitude = 30, SNR = 4.15711



Box_3*3, SNR = 12.59956



Box_5*5, SNR = 13.29304



Median_3*3, SNR = 11.05714



Median_5*5, SNR = 12.85303



Opening-then-Closing, SNR = 11.14518



Closing-then-Opening, SNR = 11.18898



Salt-and-pepper noise, probability = 0.05, SNR = 0.89237



Box_3*3, SNR = 9.41370



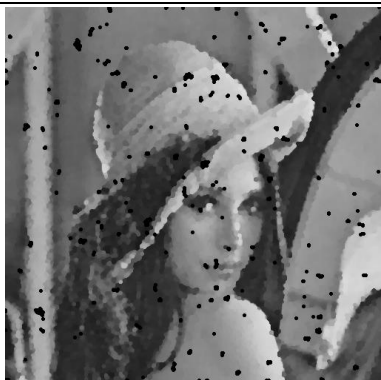
Box_5*5, SNR = 11.11822



Median_3*3, SNR = 19.18775



Median_5*5, SNR = 16.34519



Opening-then-Closing, SNR = 5.41734



Closing-then-Opening, SNR = 5.61813



Salt-and-pepper noise, probability = 0.1, SNR = -2.10643



Box_3*3, SNR = 6.30611



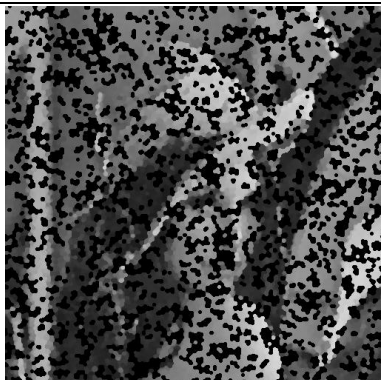
Box_5*5, SNR = 8.47603



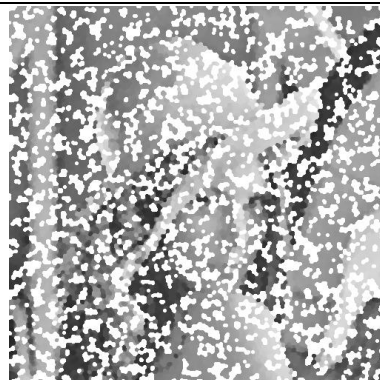
Median_3*3, SNR = 14.66823



Median_5*5, SNR = 15.73624



Opening-then-Closing, SNR = -2.22203



Closing-then-Opening, SNR = -2.52900