

# CV Homework 8

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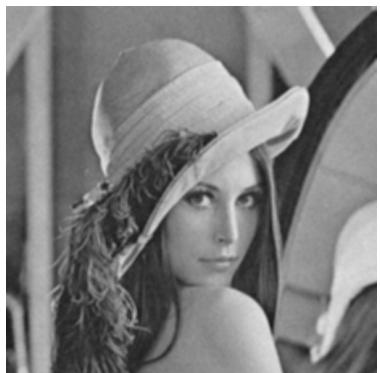
Gaussian Noise, Amplitude = 10



SNR = 13.591267106395224



Box 3x3, SNR = 17.739402754192493



Box 5x5, SNR = 14.858334105809746



Median 3x3, SNR = 17.666766163513103



Median 5x5, SNR = 15.999442594529896



Opening-then-Closing, SNR = 13.246418327427703



Closing-then-Opening, SNR = 13.563990574955962

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Gaussian Noise, Amplitude = 30



SNR = 4.172985878937048



Box 3x3, SNR = 12.629246913671361



Box 5x5, SNR = 13.313798375119905



Median 3x3, SNR = 11.103971983470373



Median 5x5, SNR = 12.882527865377382



Opening-then-Closing, SNR = 11.145906390796155



Closing-then-Opening, SNR = 11.186860956857899

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Salt and Paper, Probability = 0.1



SNR = -2.113946743652711



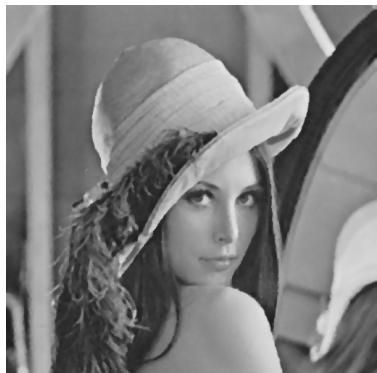
Box 3x3, SNR = 6.329510274696501



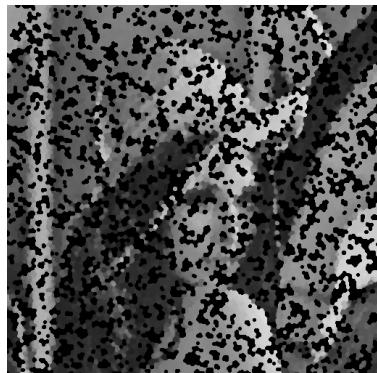
Box 5x5, SNR = 8.507525980202905



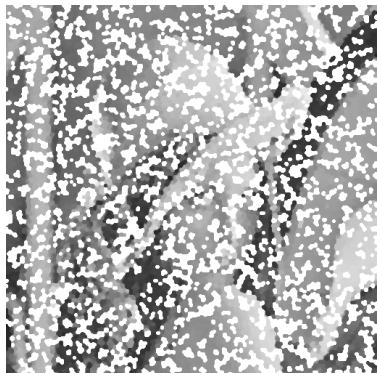
Median 3x3, SNR = 14.865020339111618



Median 5x5, SNR = 15.812345640185493



Opening-then-Closing, SNR = -2.204179668142799



Closing-then-Opening, SNR = -2.6168444420221886

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Salt and Paper, Probability = 0.05



SNR = 0.9354899575850879



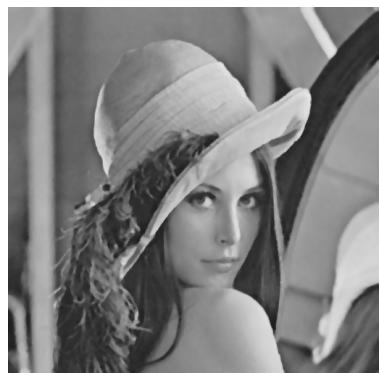
Box 3x3, SNR = 9.451530979221381



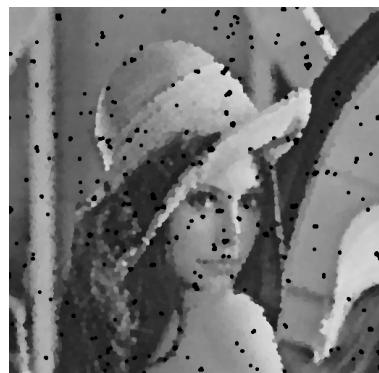
Box 5x5, SNR = 11.15442400512692



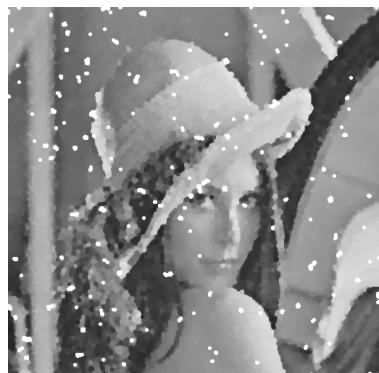
Median 3x3, SNR = 19.172171824816648



Median 5x5, SNR = 16.366912307763613



Opening-then-Closing, SNR = 5.64108460515074



Closing-then-Opening, SNR = 5.809126581606966