

Original image



Image with Gaussian noise



Gaussian filter with $t=1.0$



Median filter with $ws=3$



Ideal low pass filter with $fc=0.2$

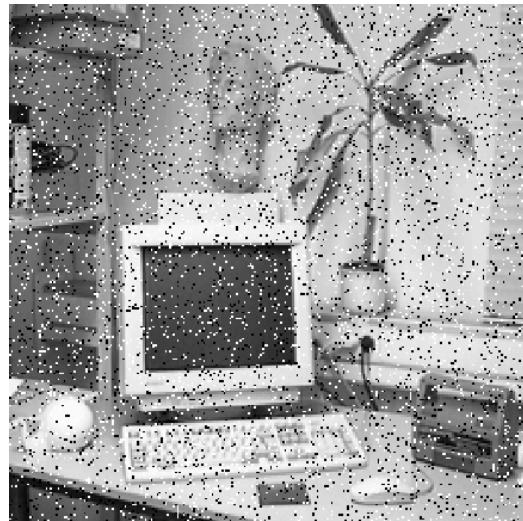


(a) Gaussian noise.

Original image



Sap noise



Gaussian filter with $t=6.0$



Median filter with $ws=4$



Ideal low pass filter with $fc=0.1$



(b) SAP noise.