

Image : [apple.png](#)

D = 0.1

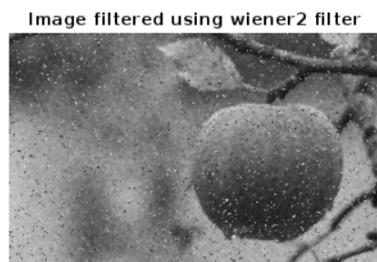
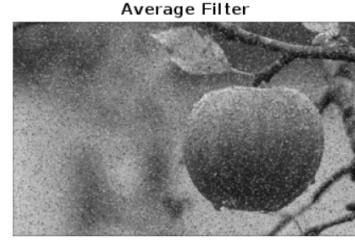
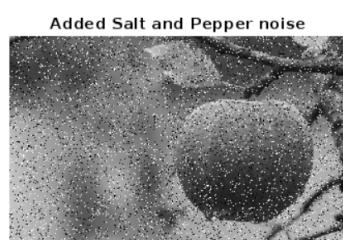
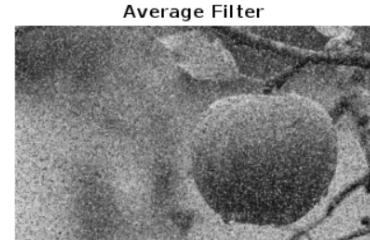
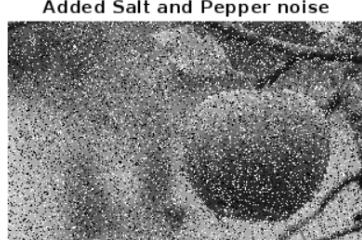


Image : [apple.png](#)

D = 0.2



Median Filter



Image filtered using wiener2 filter

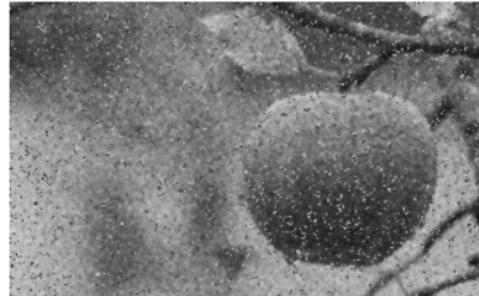


Image : [apple.png](#)

D = 0.3

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter

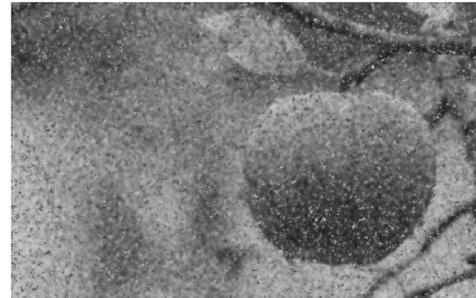


Image : [apple.png](#)

D = 0.4

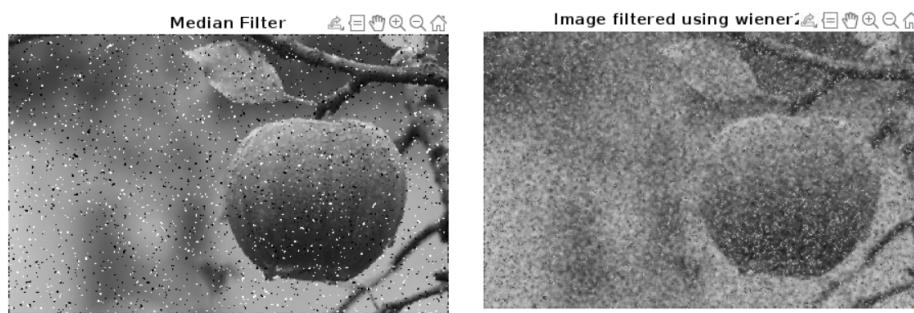
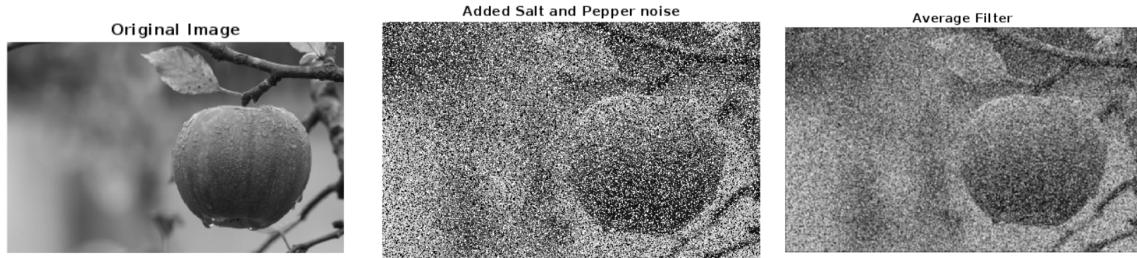
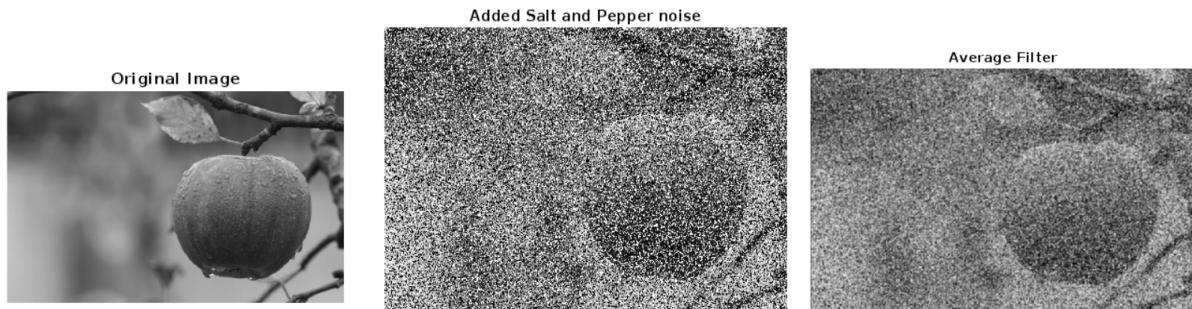


Image : [apple.png](#)

D = 0.5



Median Filter



Image filtered using wiener2 filter

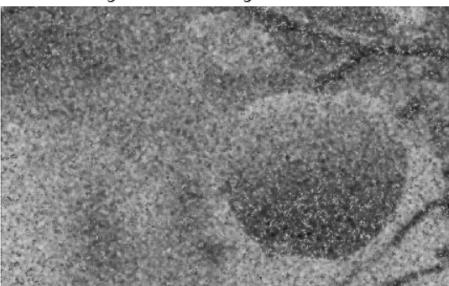


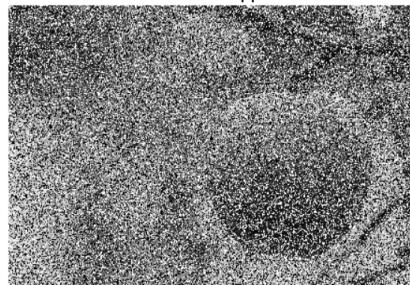
Image : [apple.png](#)

D = 0.5

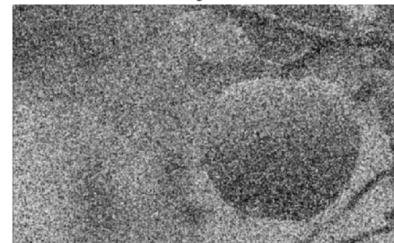
Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter

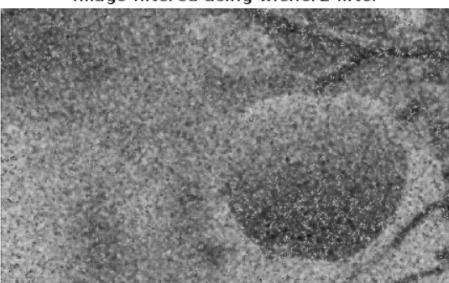


Image : [dog.jpg](#)

D = 0.1



Image : [dog.jpg](#)

D = 0.2

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter



Image : [dog.jpg](#)

D = 0.3

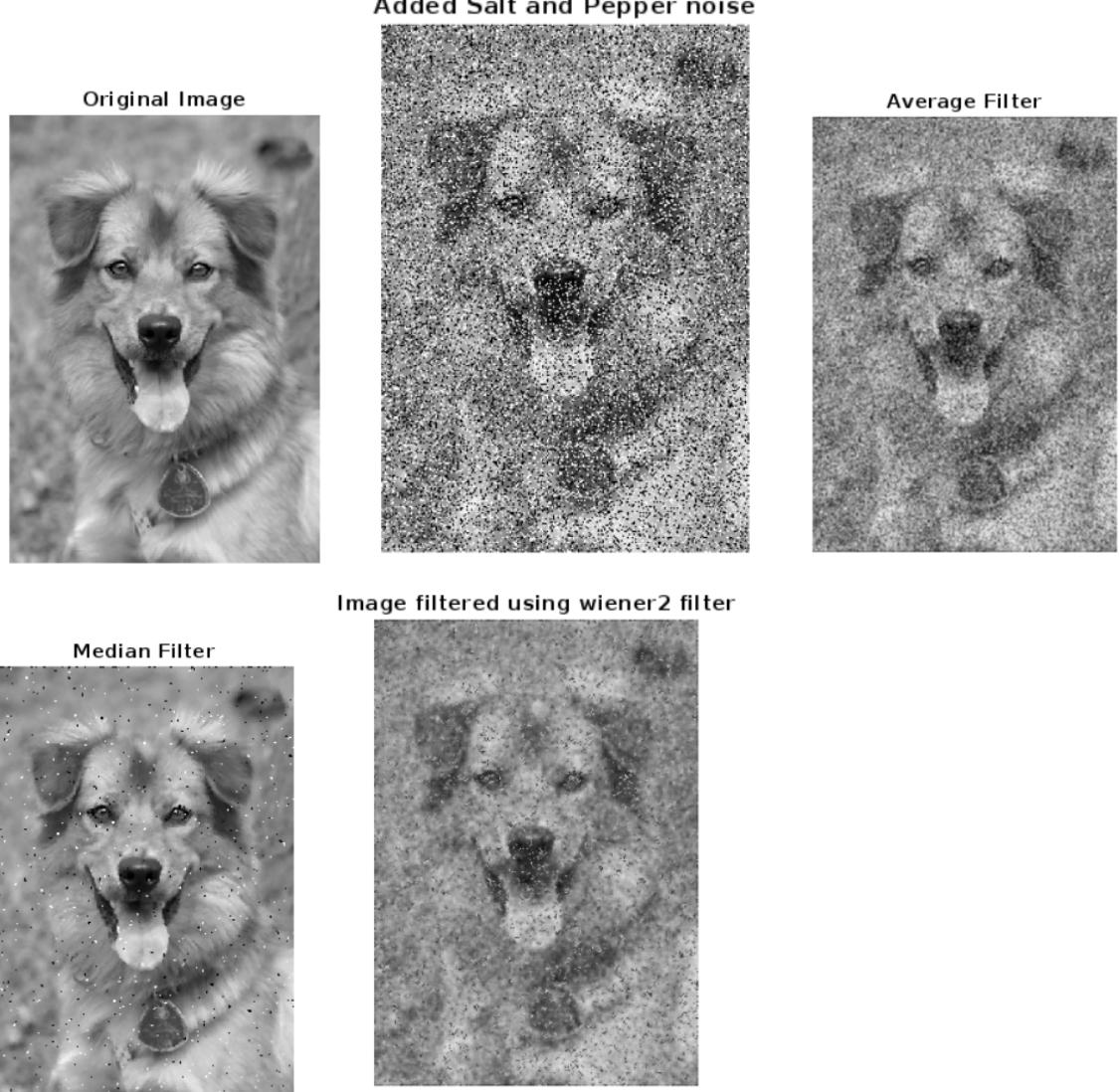


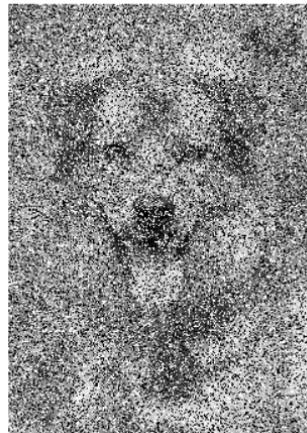
Image : [dog.jpg](#)

D = 0.4

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter



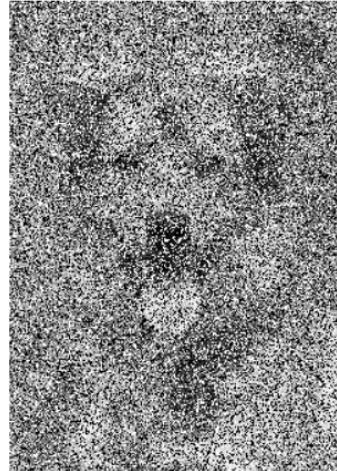
Image : [dog.jpg](#)

D = 0.5

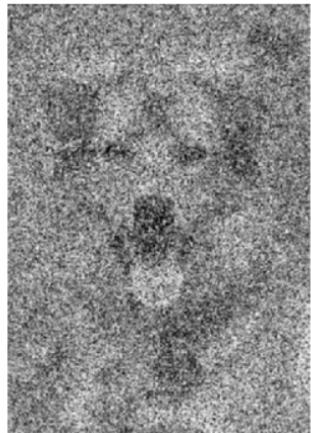
Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter

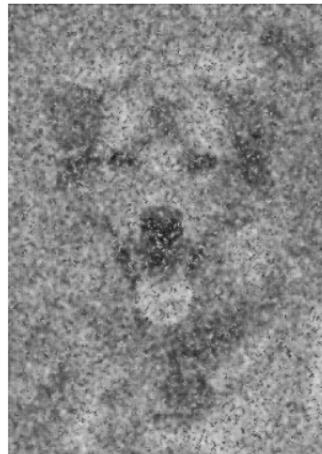


Image : [city.jpg](#)

D = 0.1

Original Image



Added Salt and Pepper noise



Average Filter



Image filtered using wiener2 filter



Median Filte

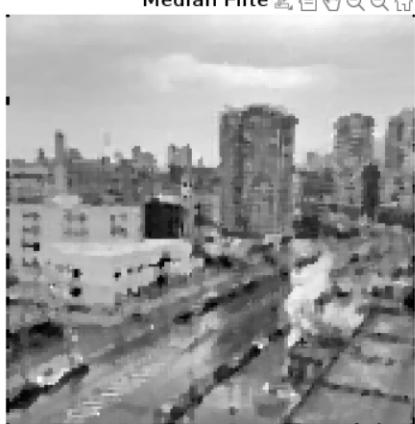


Image : [city.jpg](#)

D = 0.2

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter



Image : [city.jpg](#)

D = 0.3

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter

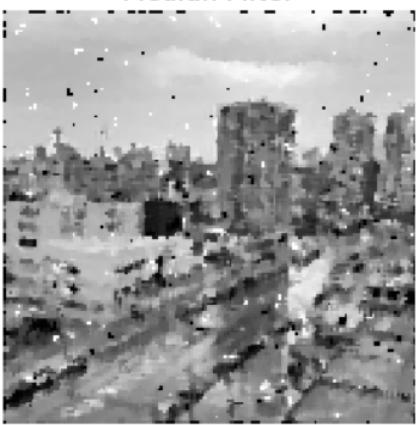


Image filtered using wiener2 filter

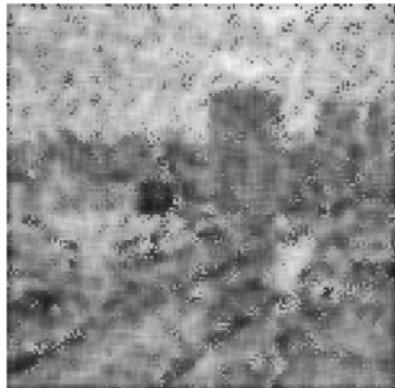


Image : [city.jpg](#)

D = 0.4

Original Image



Added Salt and Pepper noise



Average Filter

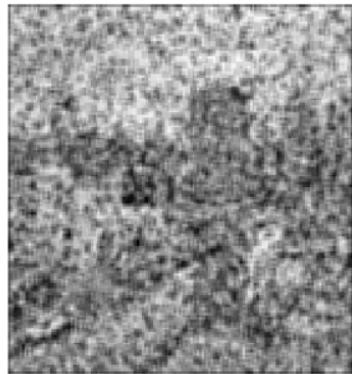


Image filtered using wiener2 filter

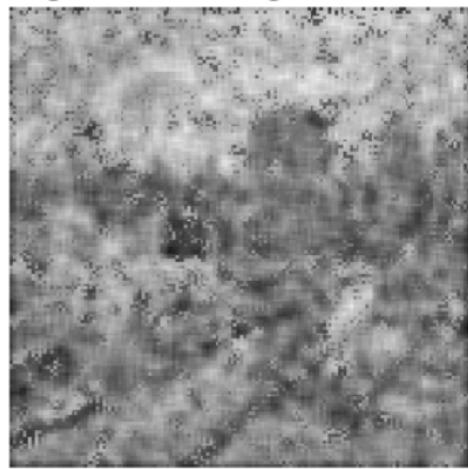
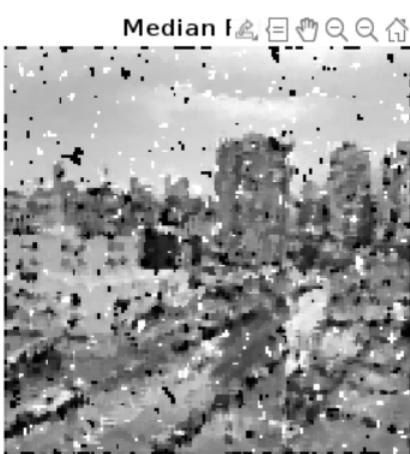


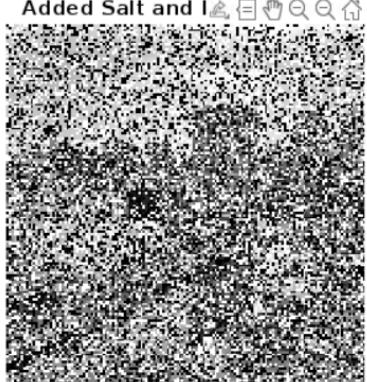
Image : [city.jpg](#)

D = 0.5

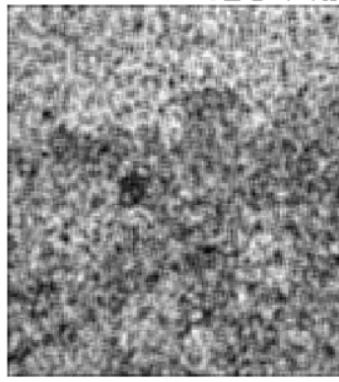
Original Image



Added Salt and I



Average



Median Filter

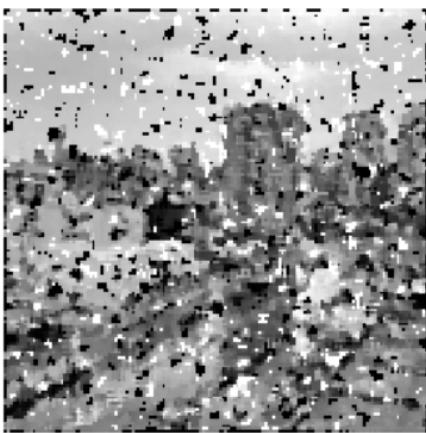


Image filtered usin

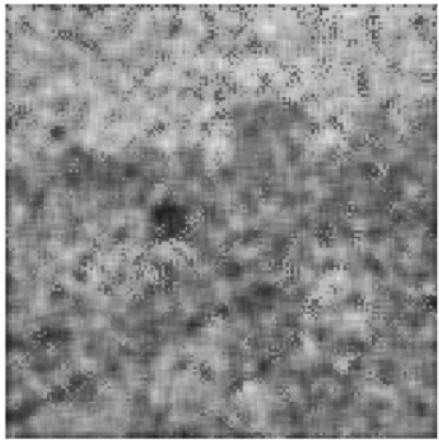


Image : [flower.png](#)

D = 0.1

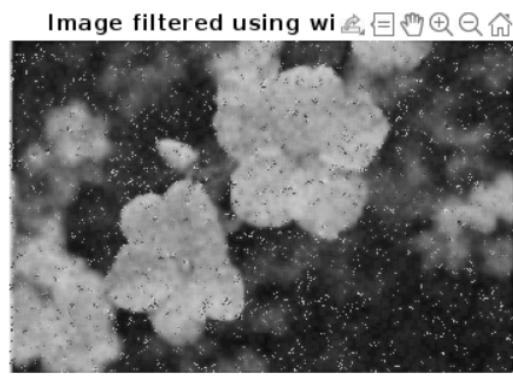
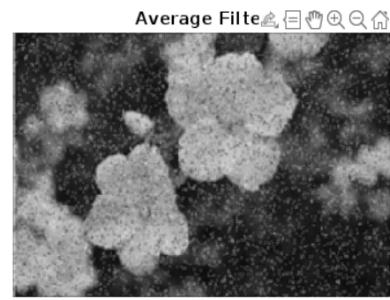
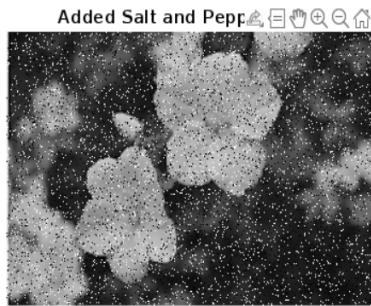


Image : [flower.png](#)

D = 0.2

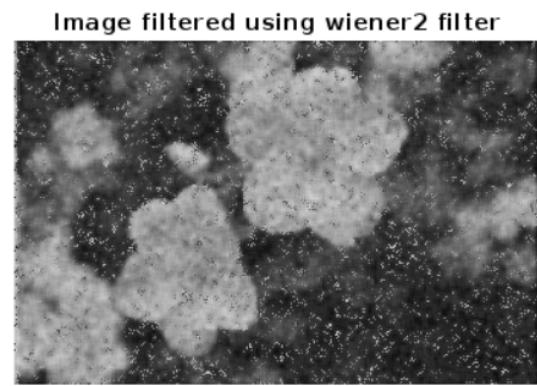
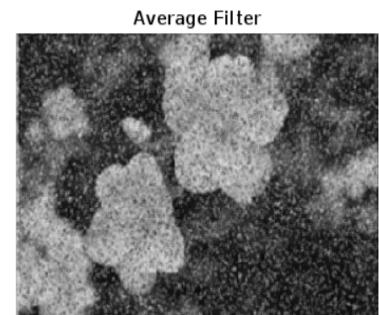
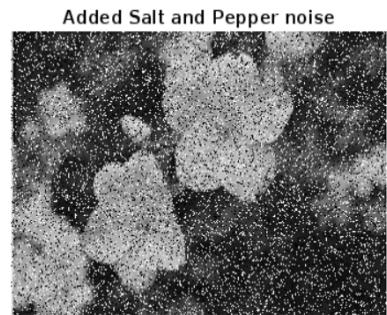


Image : [flower.png](#)

D = 0.3

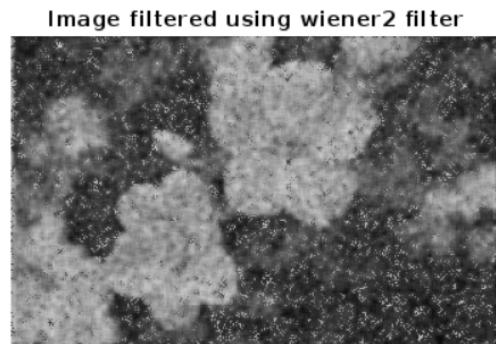
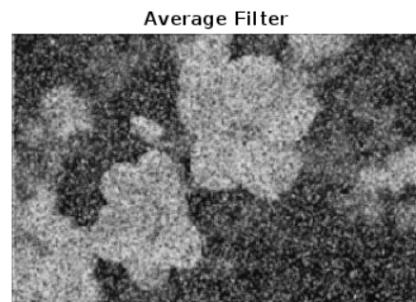
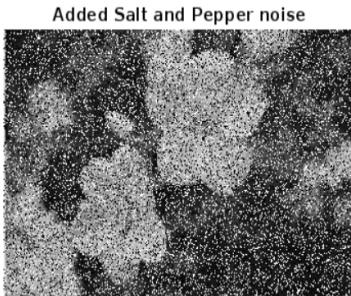


Image : flower.png

D = 0.4

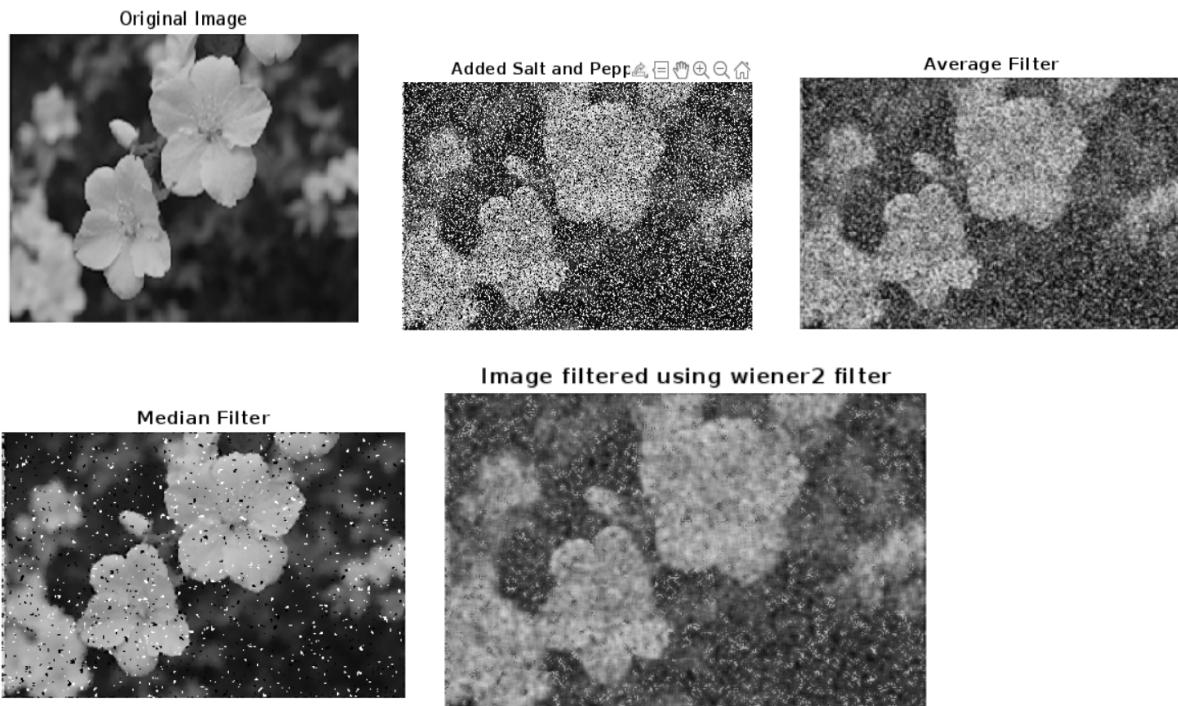
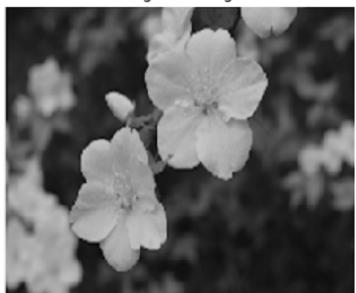


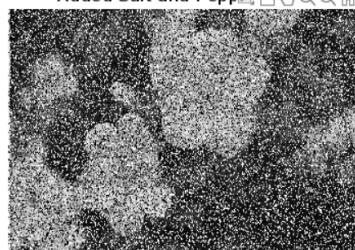
Image : flower.png

D = 0.5

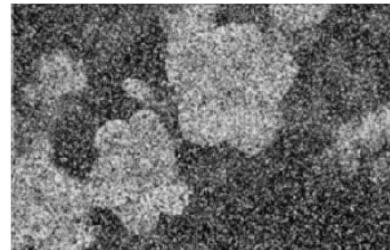
Original Image



Added Salt and Pepper



Average Filter



Median Filter

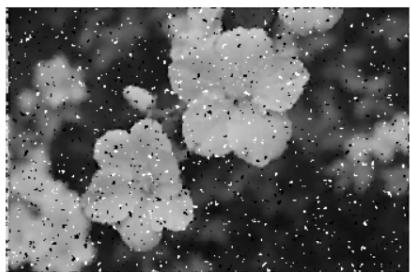


Image filtered using wiener2 filter

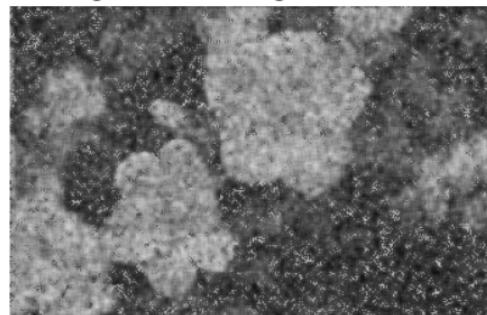


Image : calc.bmp

D = 0.1

Original Image



Added Salt and Pepper



Average Filter



Median Filter

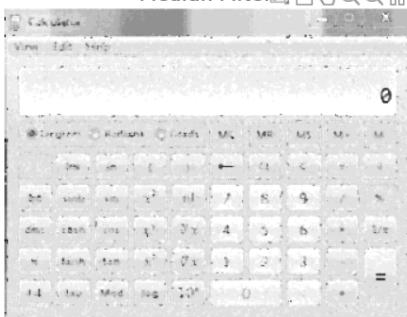


Image filtered using wiener2 filter

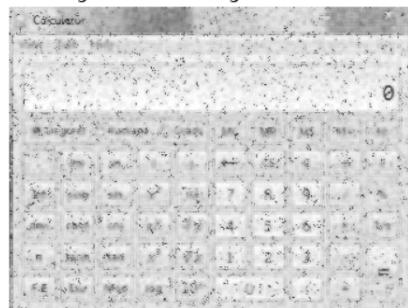


Image : calc.bmp

D = 0.2

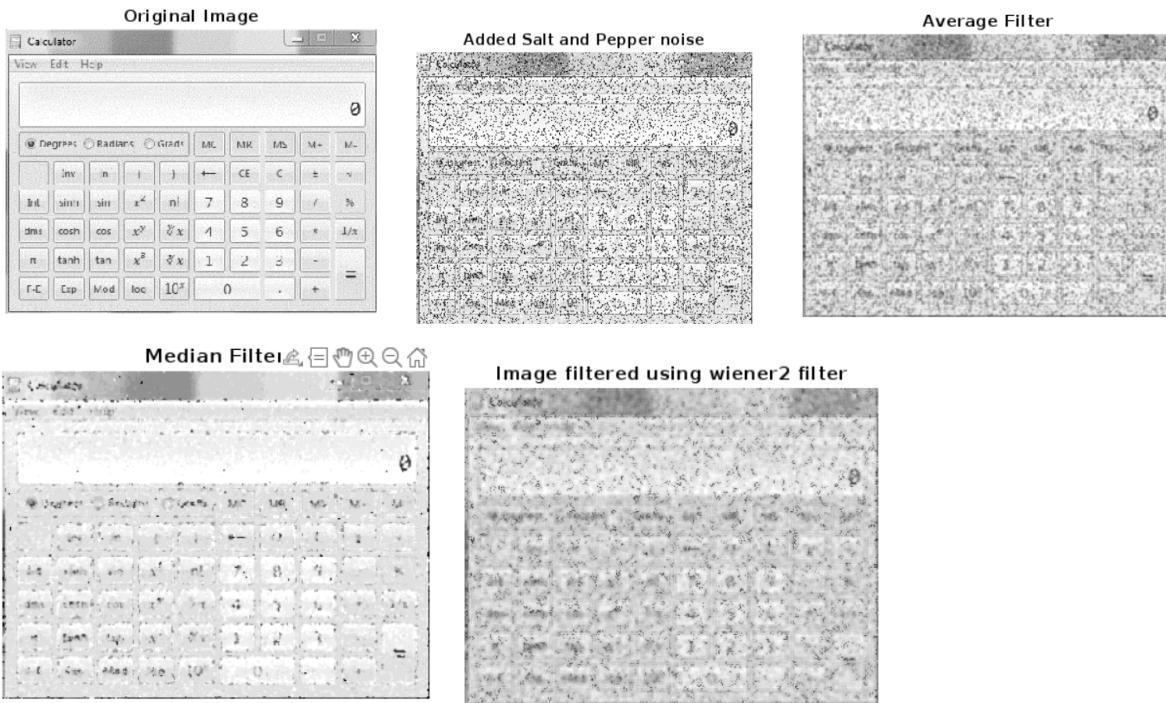


Image : calc.bmp

D = 0.3

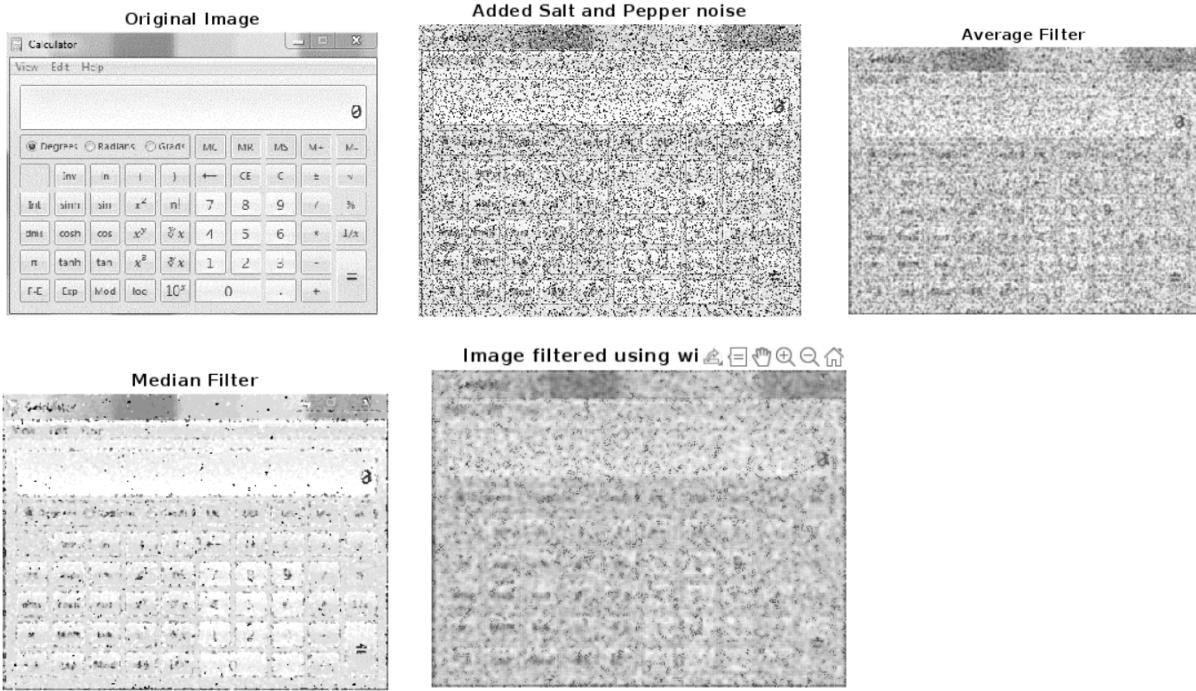


Image : calc.bmp

D = 0.4

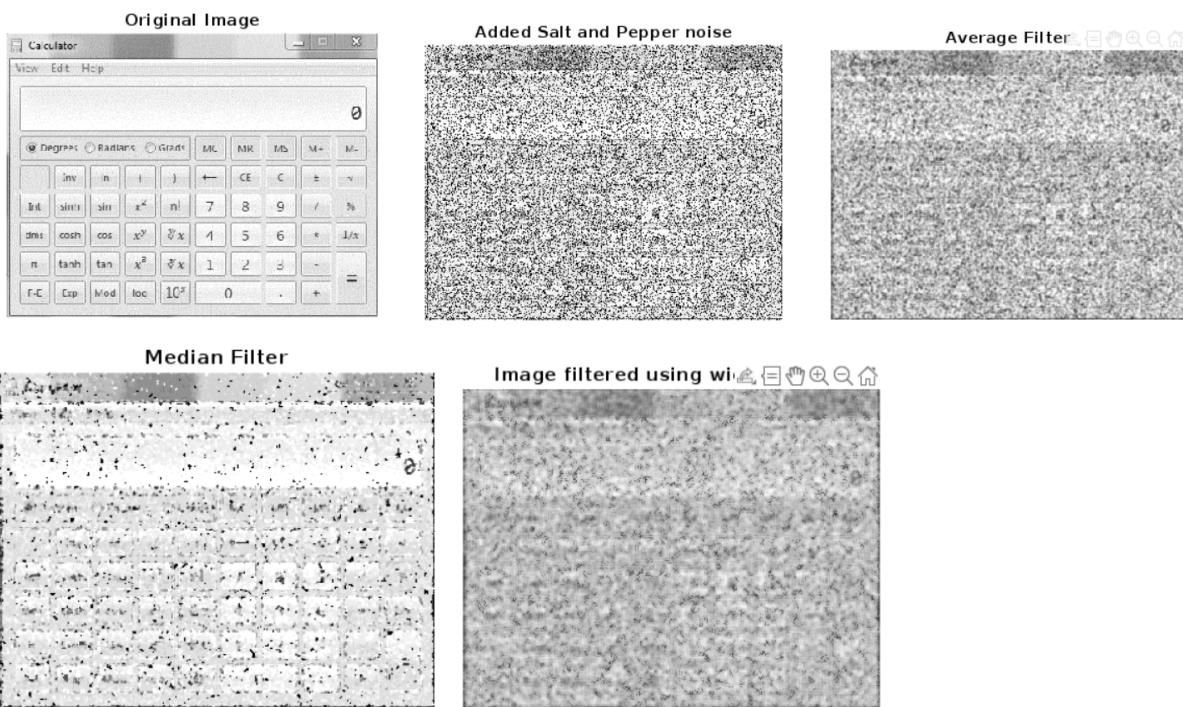


Image : calc.bmp

D = 0.5

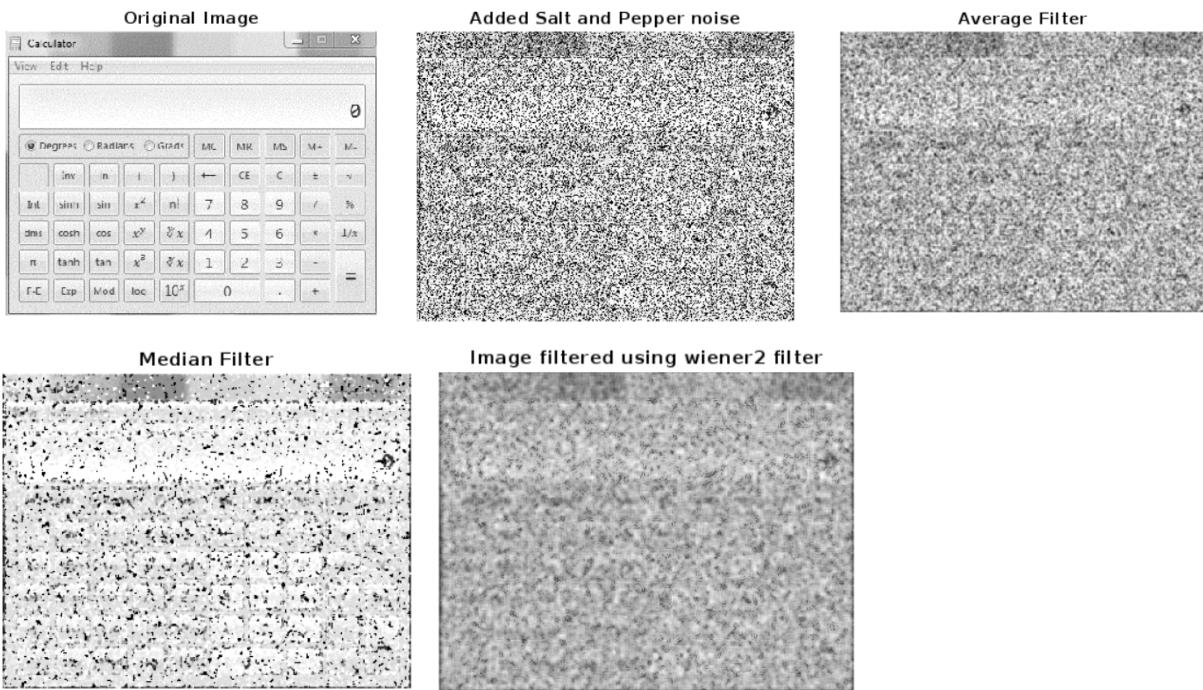


Image : cameraman.png

D = 0.1

Added Salt and Pepper noise

Original Image



Average



Image filtered using Median filter

Median filter



Image : [cameraman.png](#)

D = 0.2

Added Salt and Pepper noise

Original Image



Average Filter

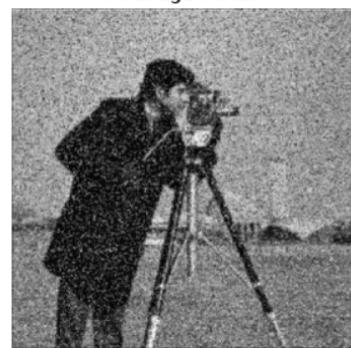


Image filtered using Median Filter

Median Filter



Image : [cameraman.png](#)

D = 0.3

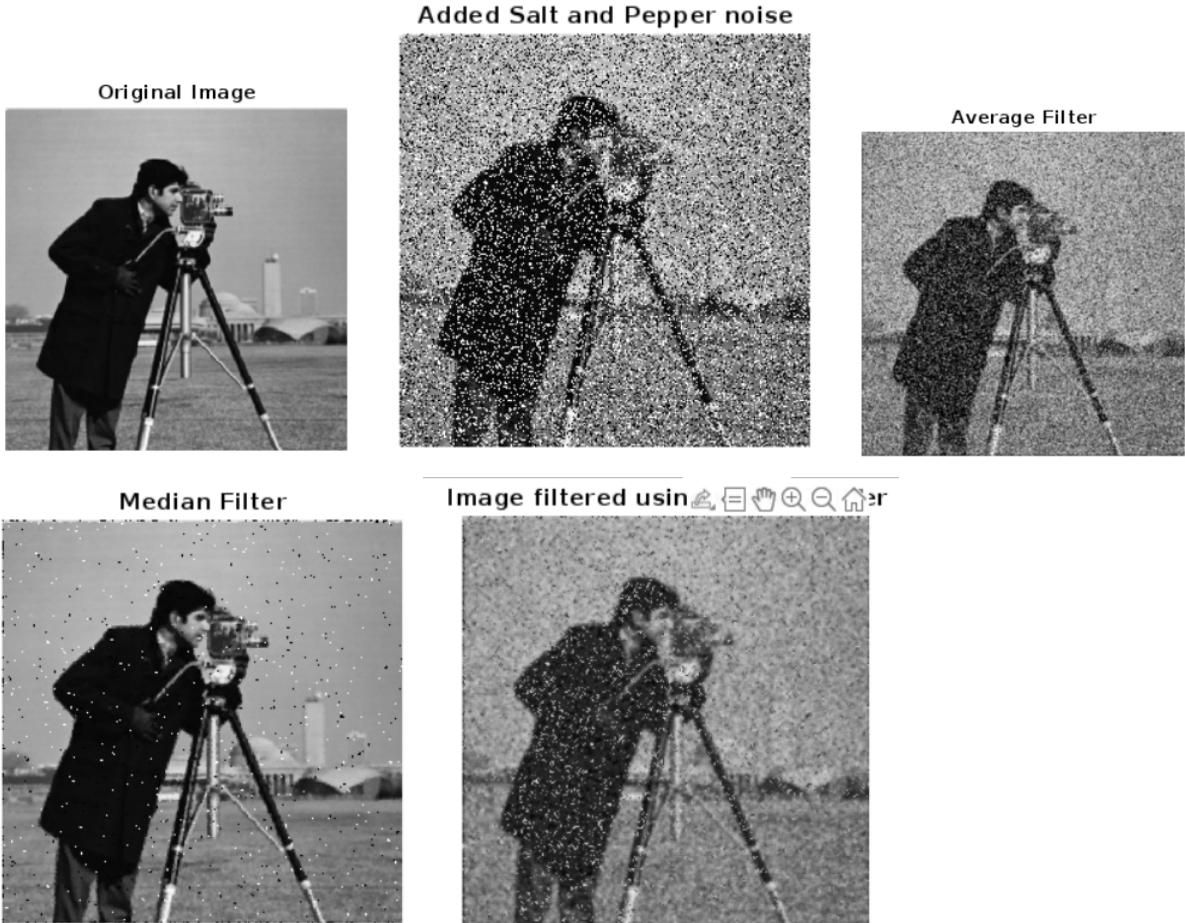


Image : [cameraman.png](#)

D = 0.4

Added Salt and Pepper noise

Original Image



Average



Median Filter



Image filtered using Median filter



Image : [cameraman.png](#)

D = 0.5

Added Salt and Pepper noise

Original Image



Average



Median Filter



Image filtered using Median Filter



Image : [coin.png](#)

D = 0.1

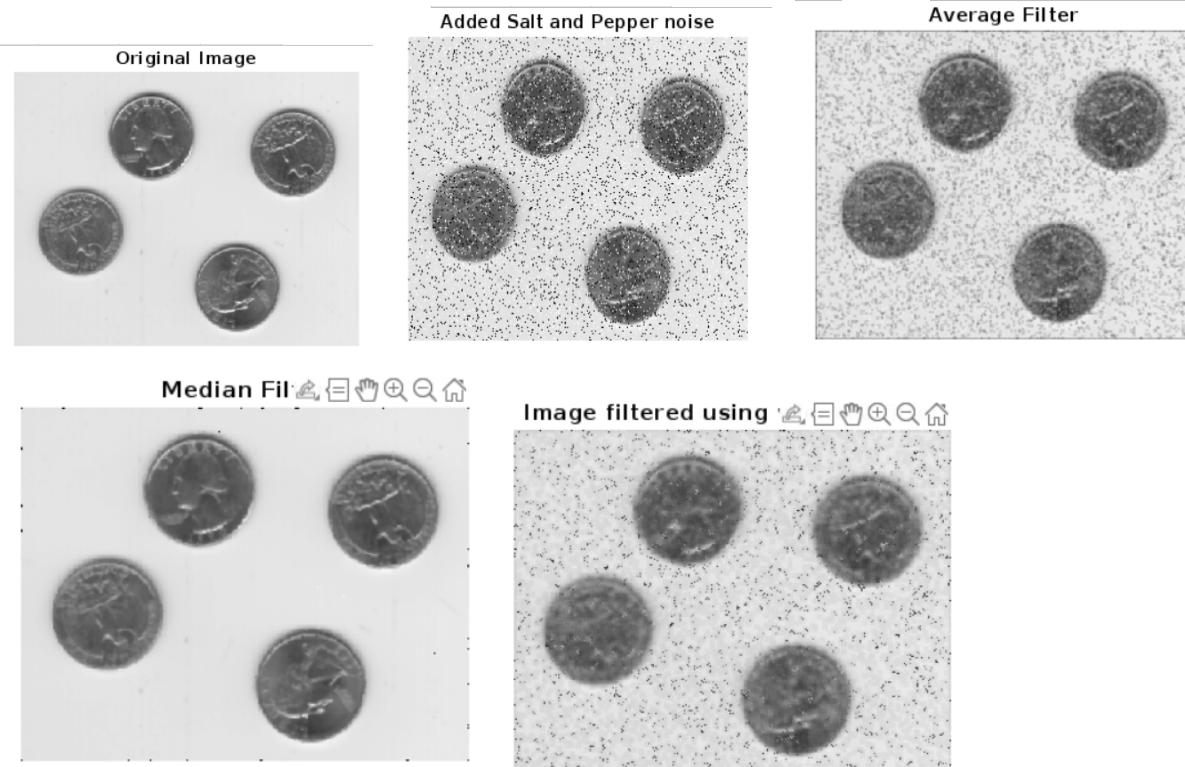


Image : [coin.png](#)

D = 0.2

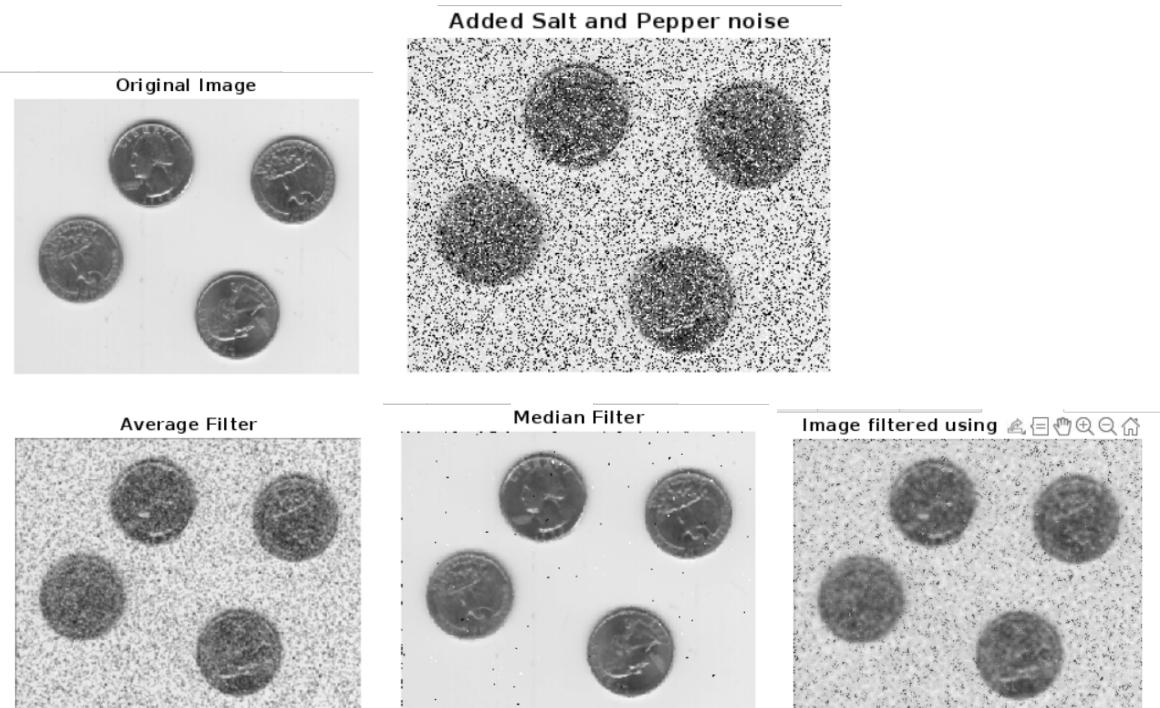


Image : [coin.png](#)

D = 0.3

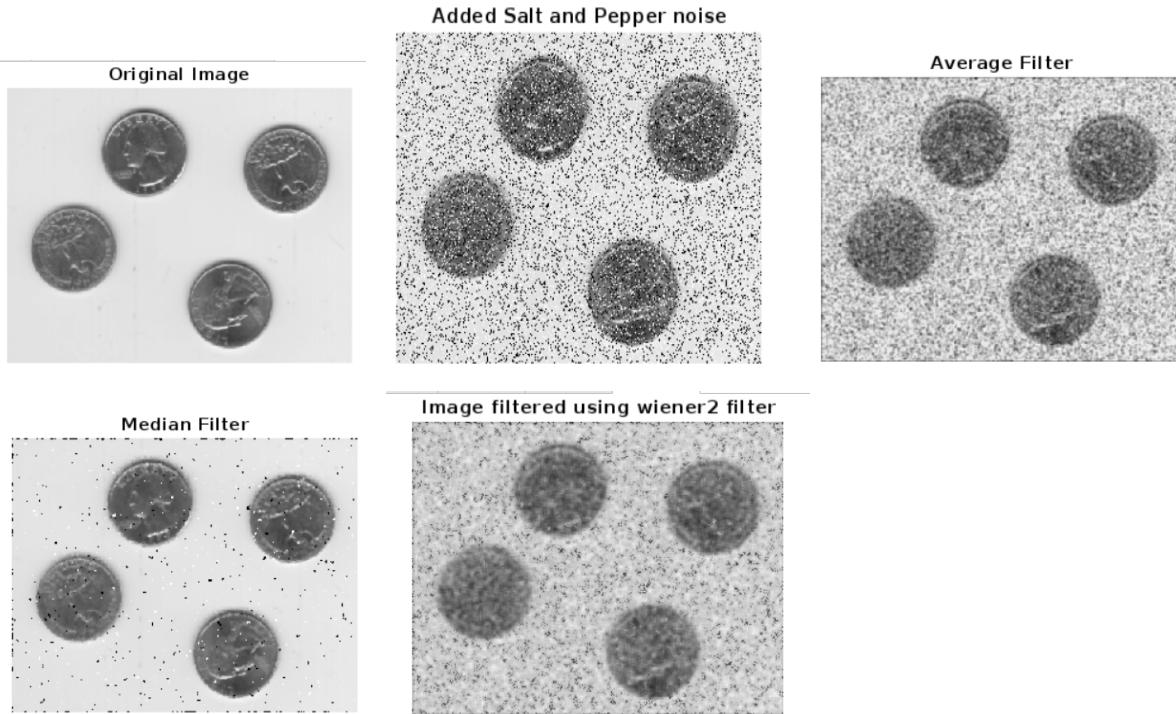


Image : [coin.png](#)

D = 0.4

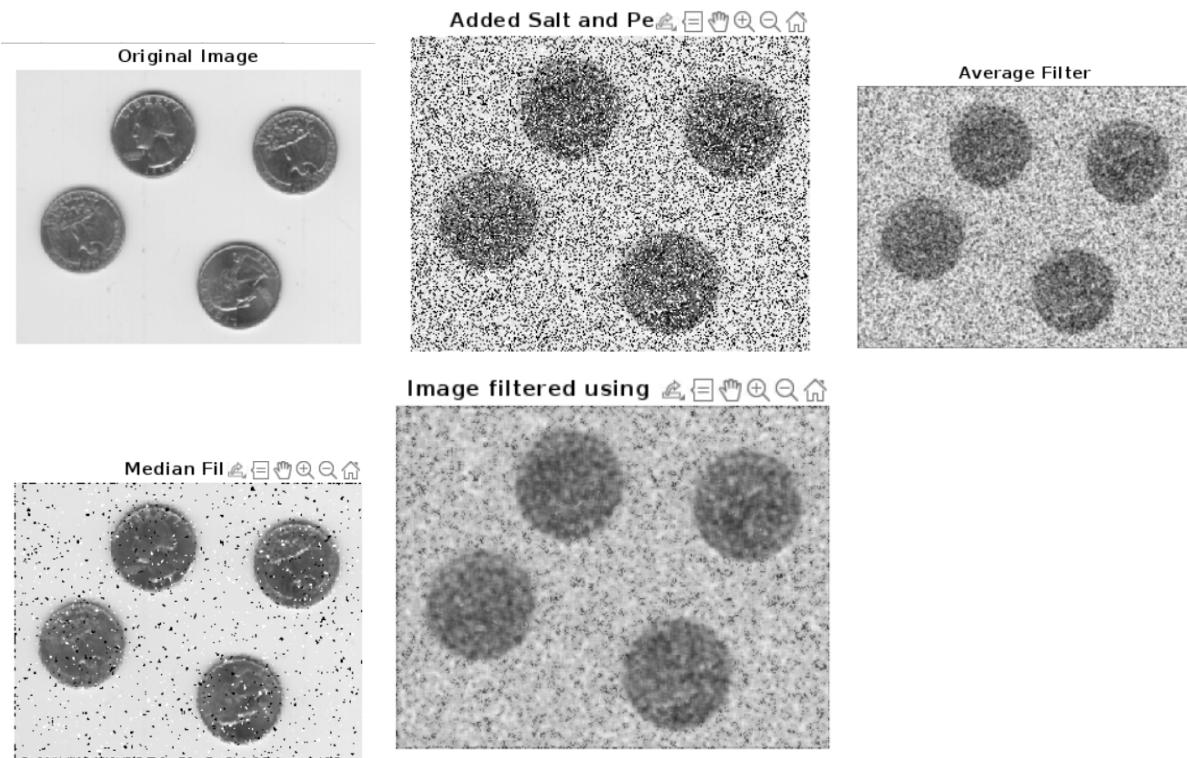


Image : [coin.png](#)

D = 0.5

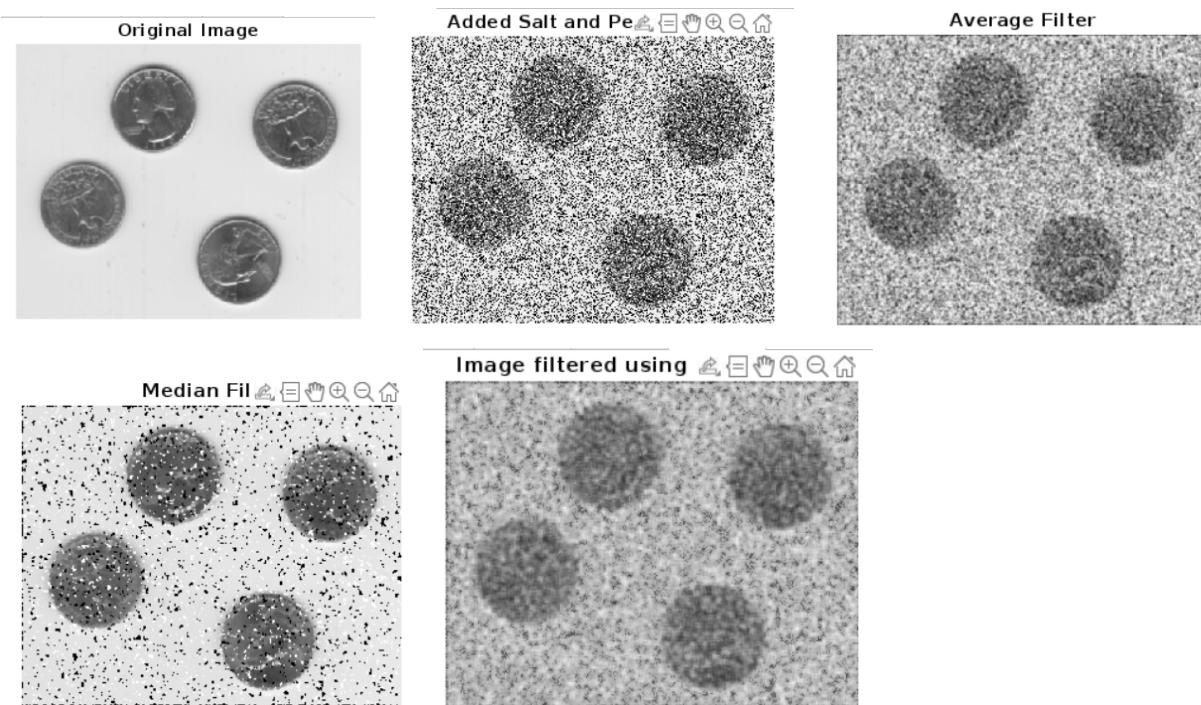


Image : fruits.png

D = 0.1

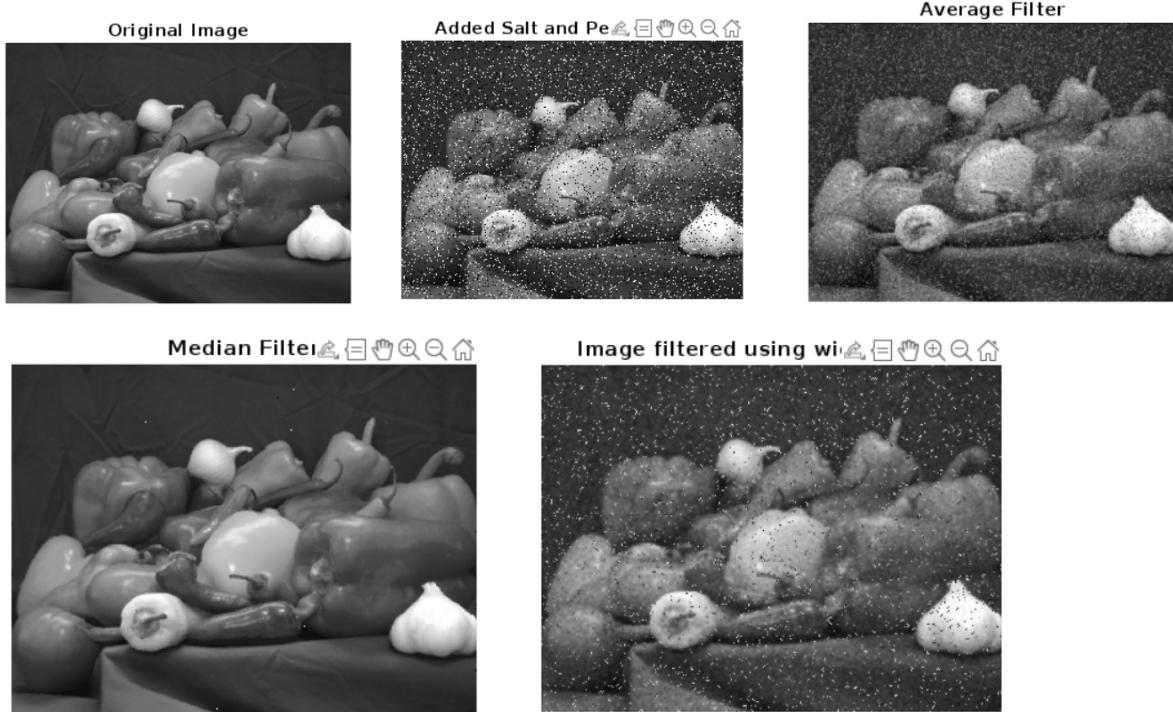


Image : fruits.png

D = 0.2

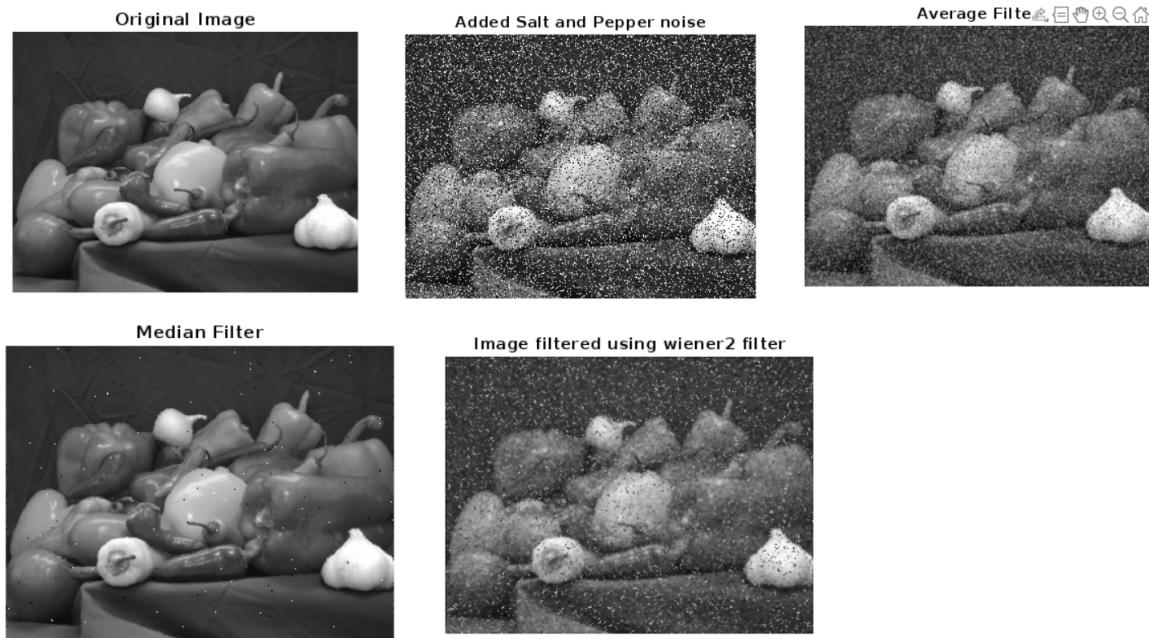


Image : fruits.png

D = 0.3

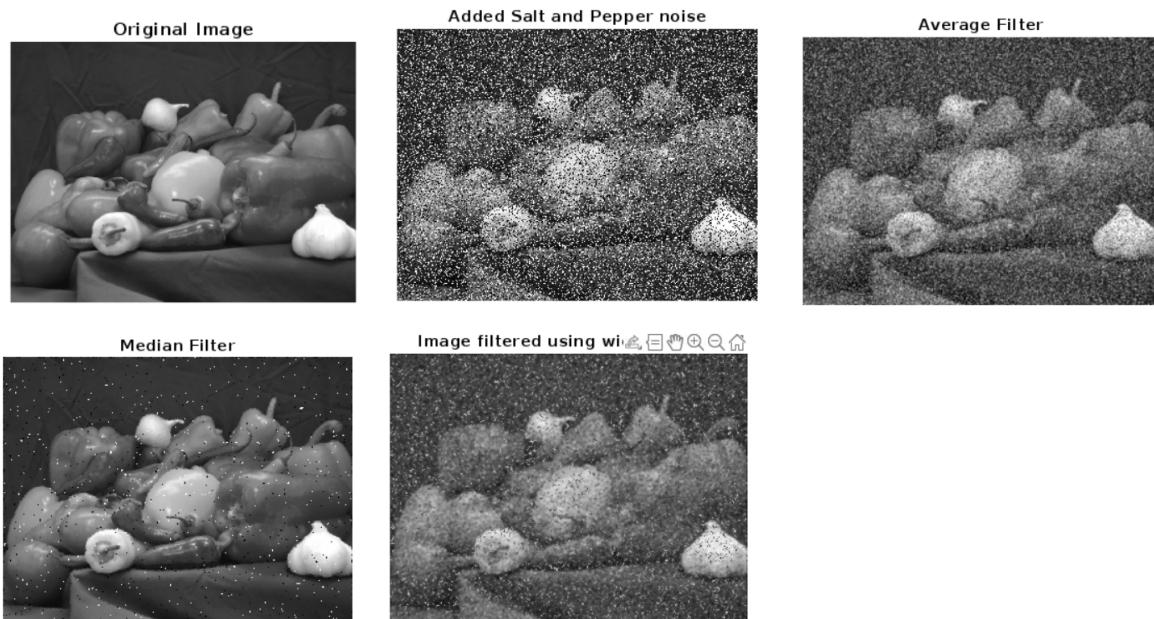


Image : fruits.png

D = 0.4

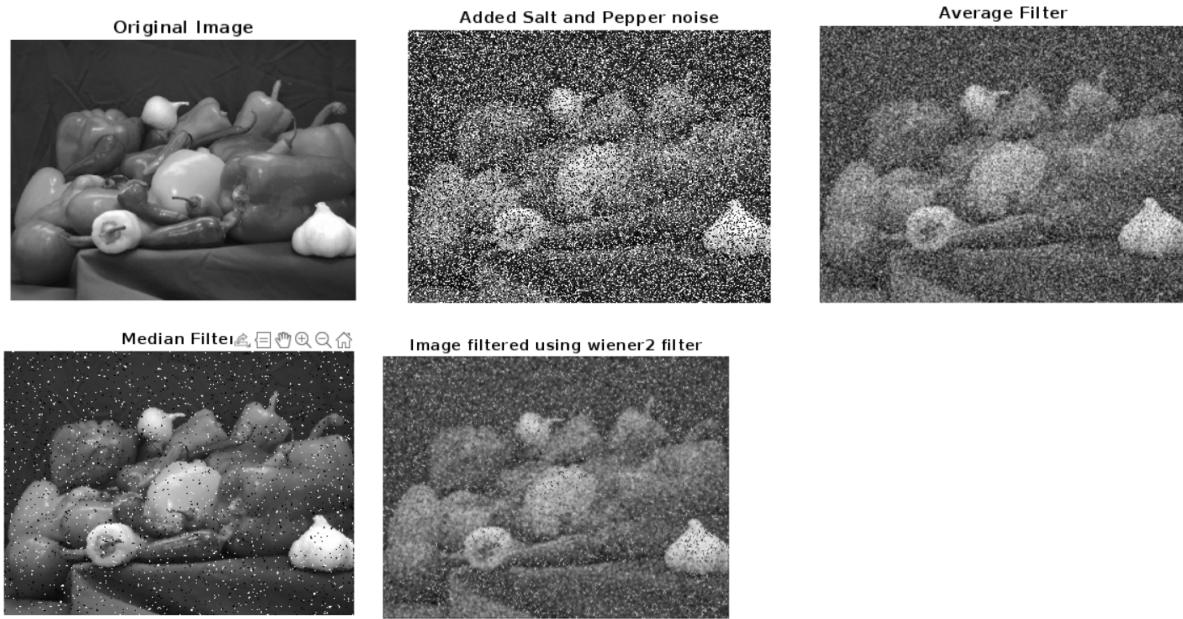


Image : [fruits.png](#)

D = 0.5

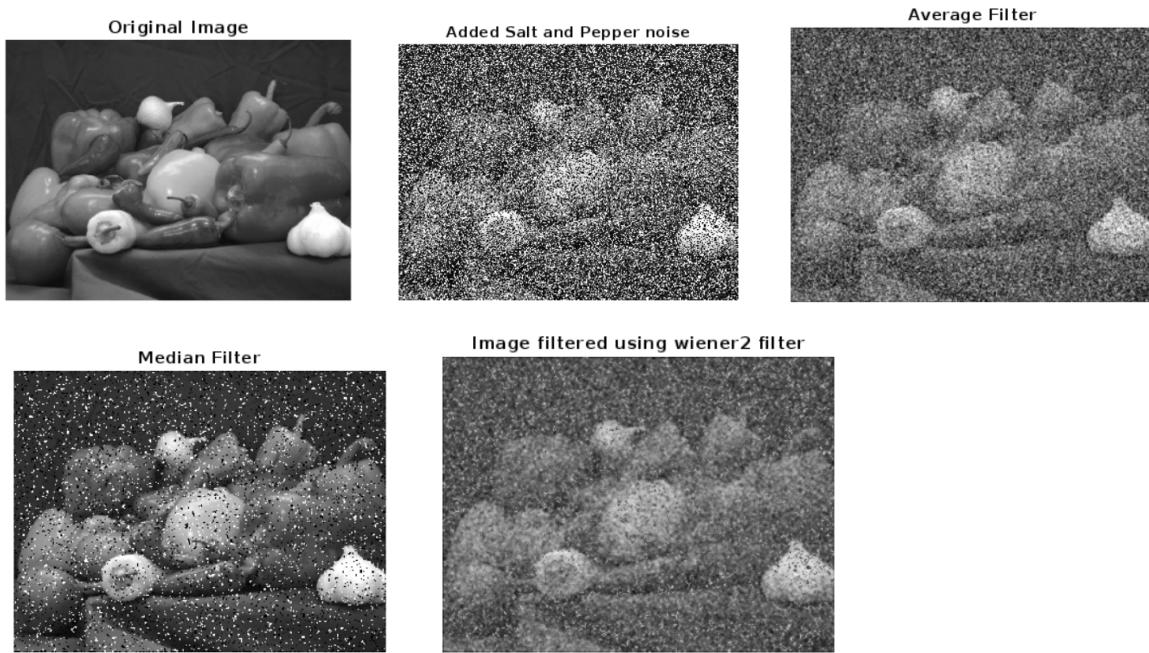


Image : [girl.png](#)

D = 0.1

Original Image



Added Salt and Pepper noise



Average



Median



Image filtered using wiener2 filter



Image : [girl.png](#)

D = 0.2

Original Image



Added Salt and Pepper noise



Average



Median Filter



Image filtered using



Image : [girl.png](#)

D = 0.3

Added Salt and Pepper noise

Original Image



Average



Median



Image filtered using wiener2 filter



Image : [girl.png](#)

D = 0.4



Image : [girl.png](#)

D = 0.5

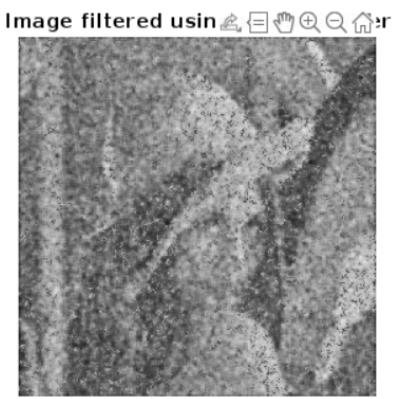
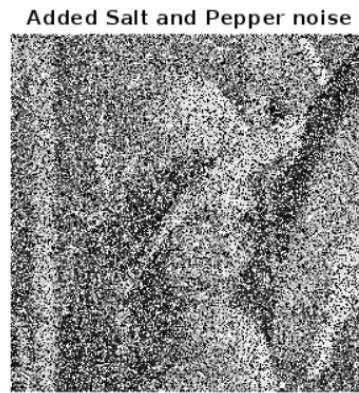


Image : [teddy.png](#)

D = 0.1

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtere r2 filter



Image : [teddy.png](#)

D = 0.2

Original Image



Added Salt and Pepper noise



Av



Median Filter



Image filter r2 filter



Image : [teddy.png](#)

D = 0.3

Original Image



Added Salt and Pepper noise



Average Filter



Median Filter



Image filtered using wiener2 filter

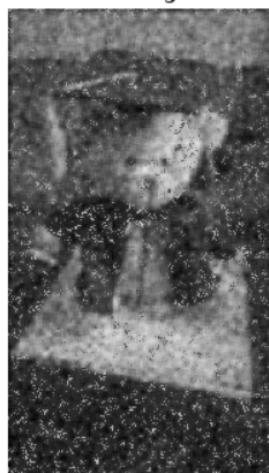


Image : [teddy.png](#)

D = 0.4

Added Salt and Pepper noise

Original Image



Average Filter



Median Filter



Image filtered using wiener2 filter

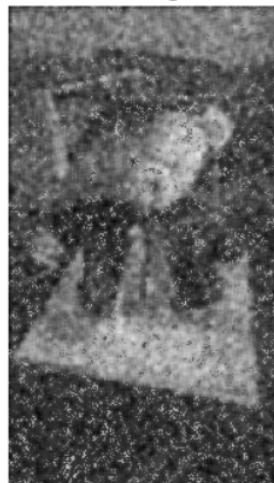


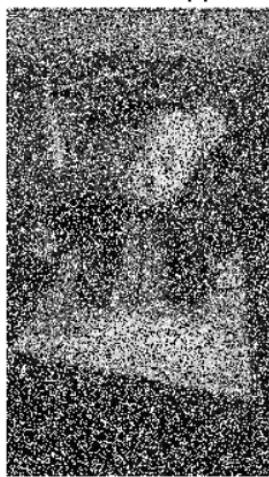
Image : [teddy.png](#)

D = 0.5

Original Image



Added Salt and Pepper noise

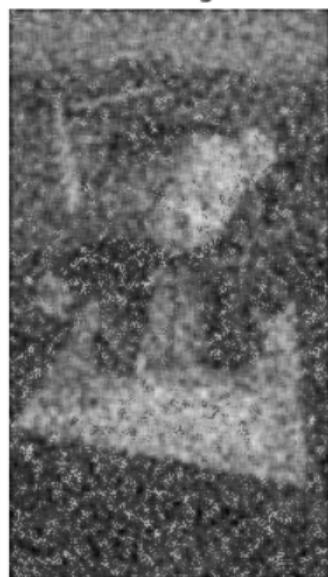


Average Filter

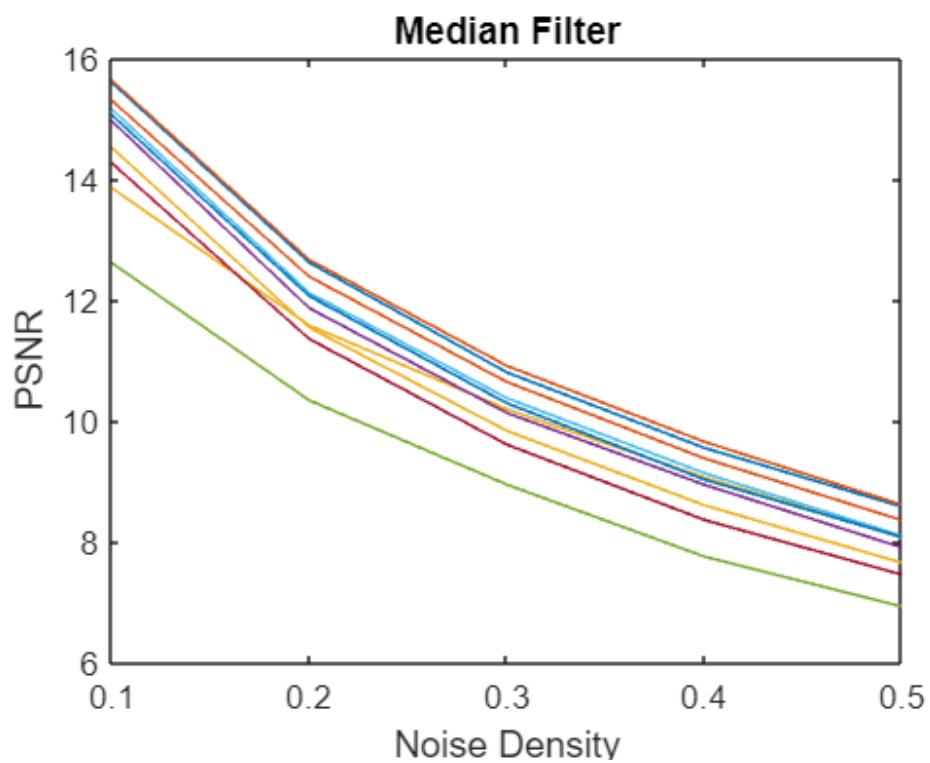
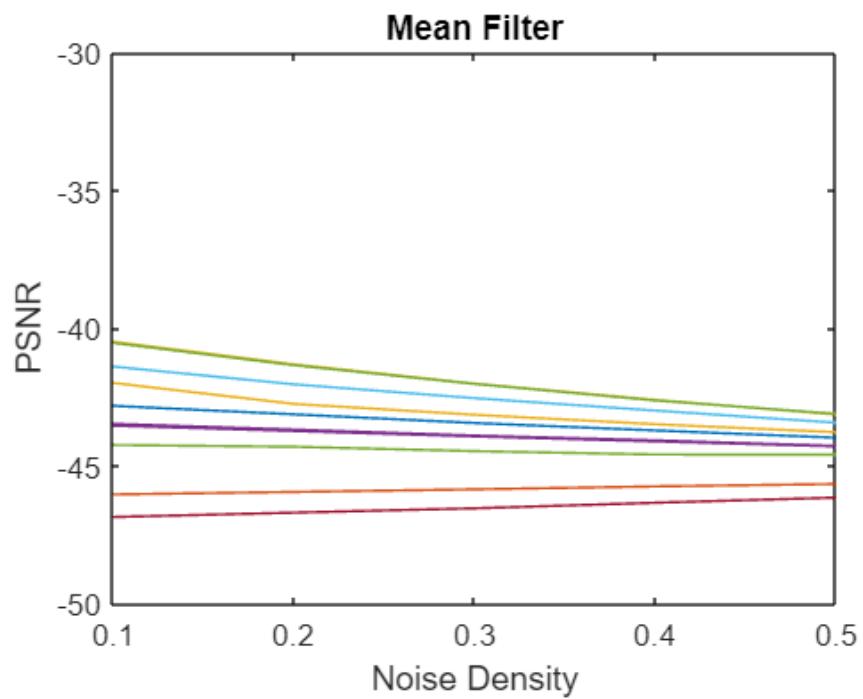


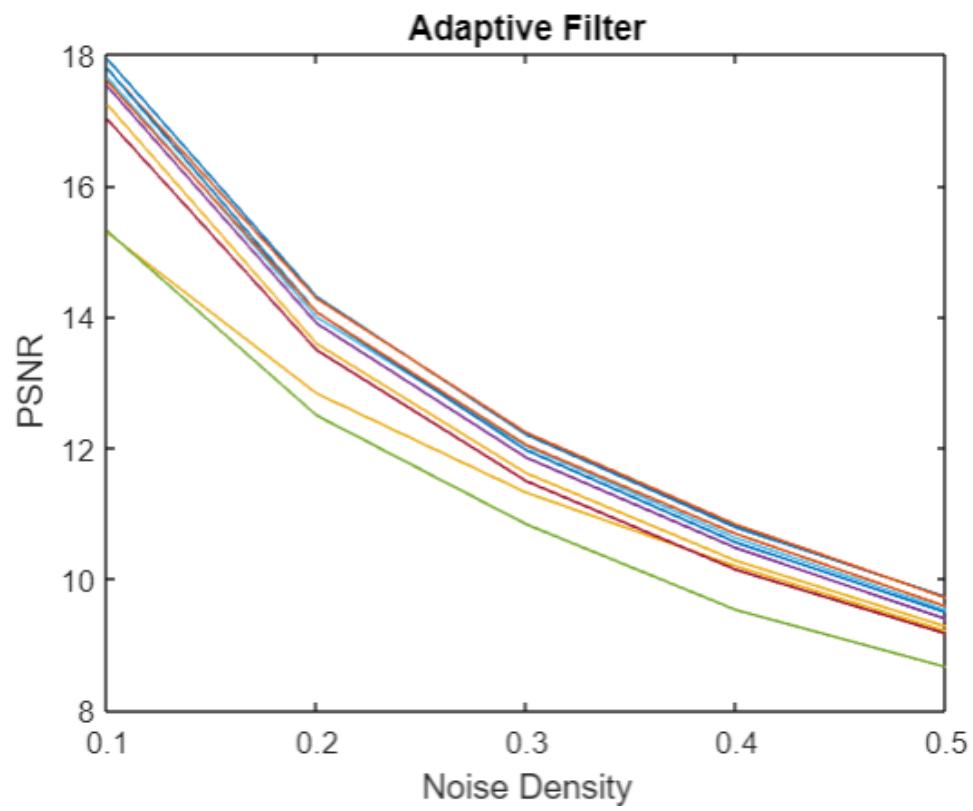
Image filtered using wiener2 filter

Median Filter

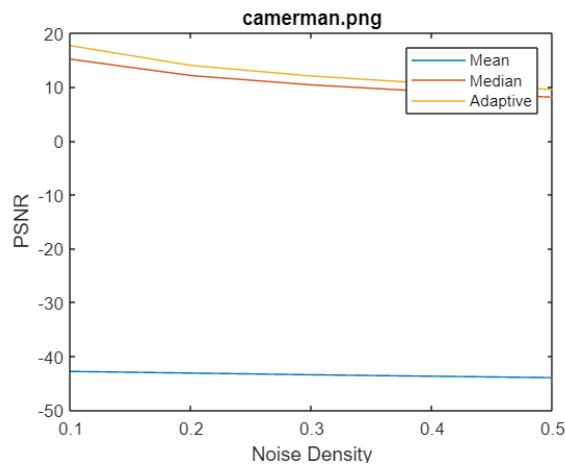
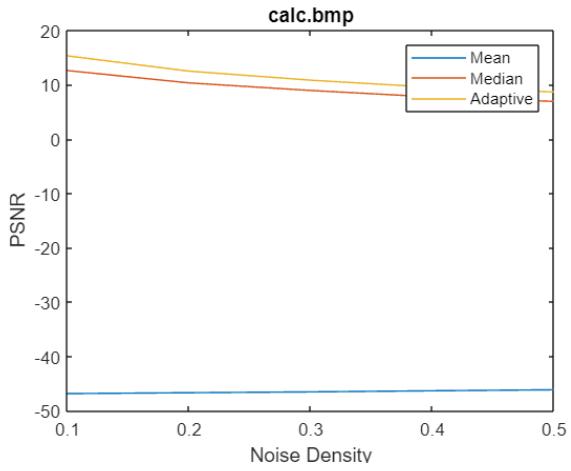
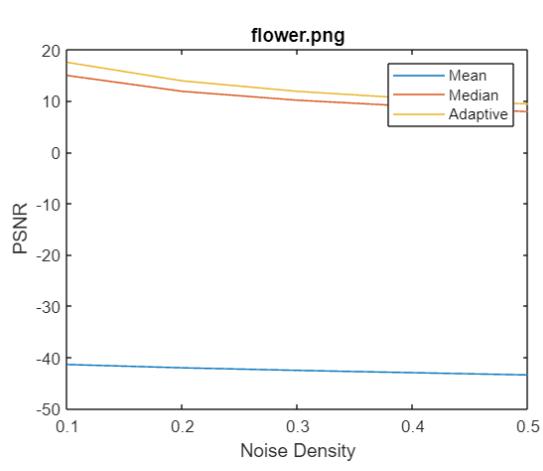
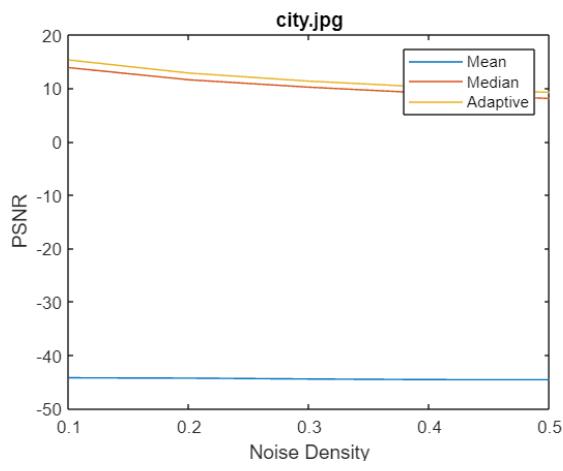
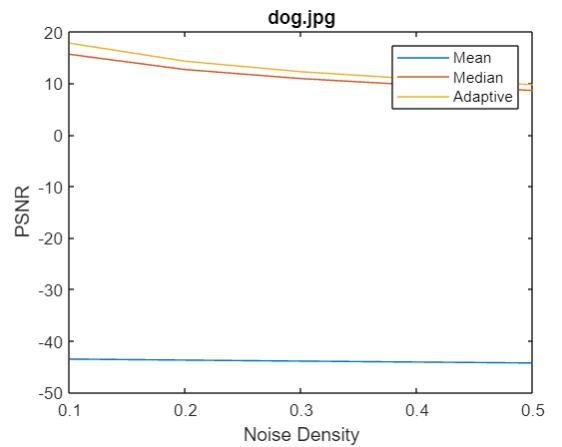
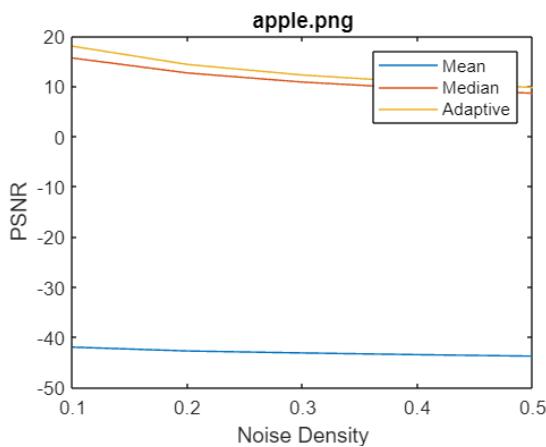


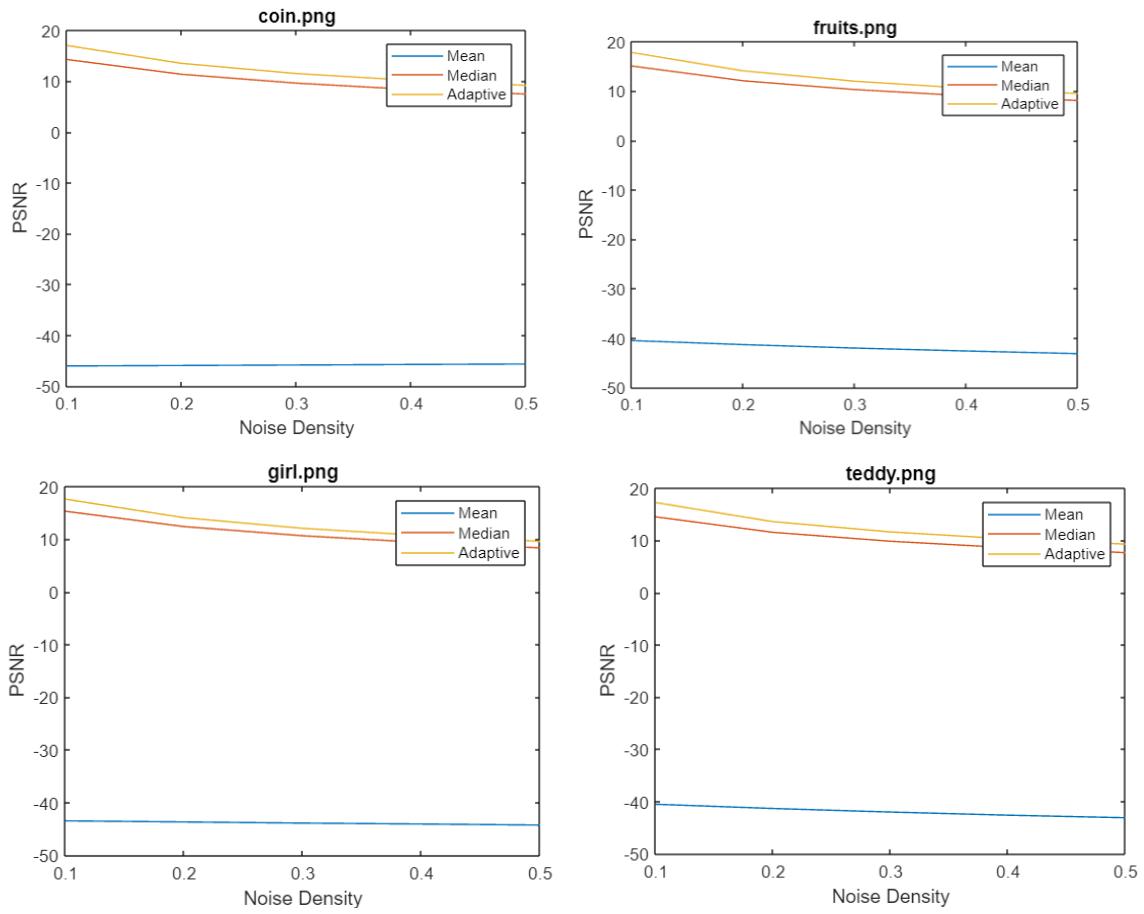
PSNR vs Noise Density for Individual Filters



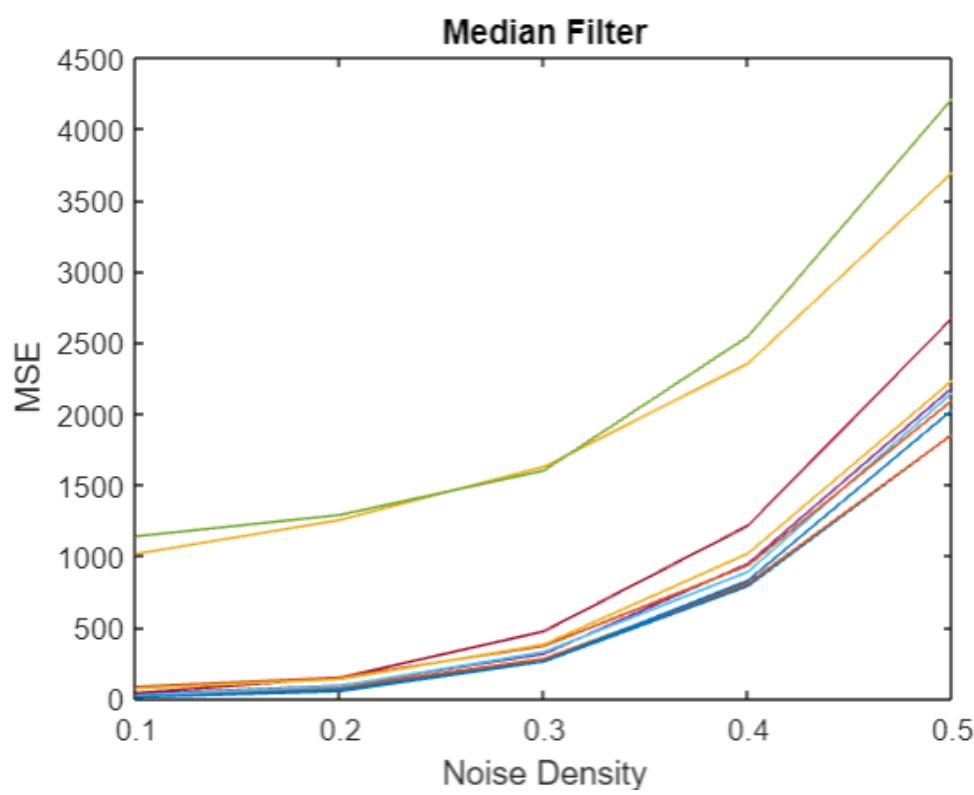
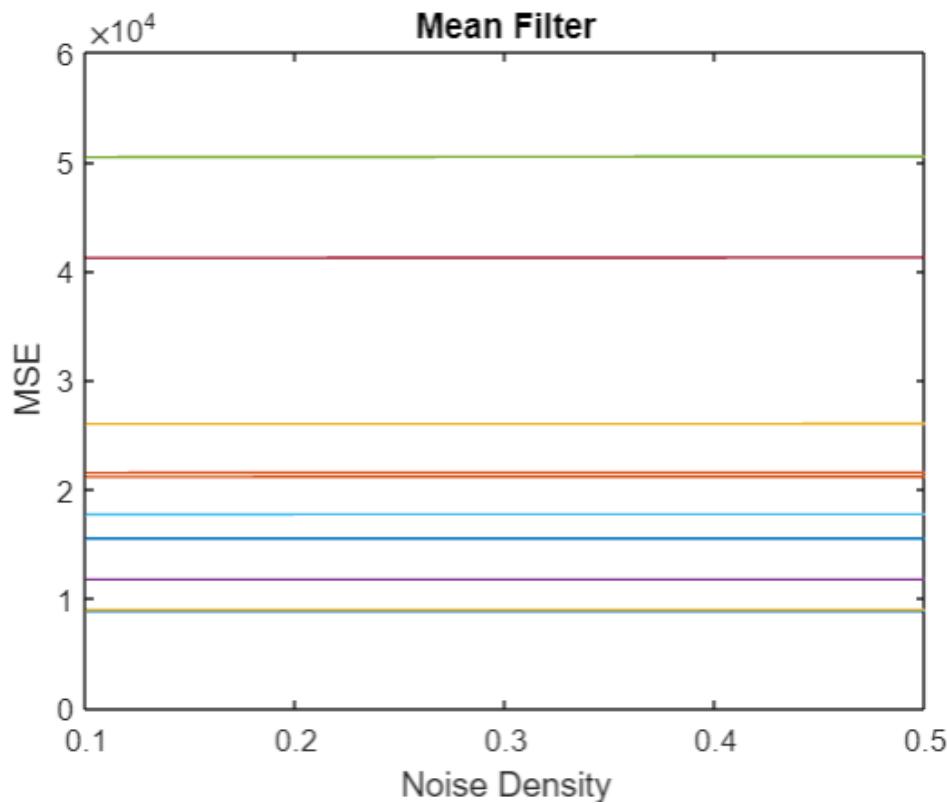


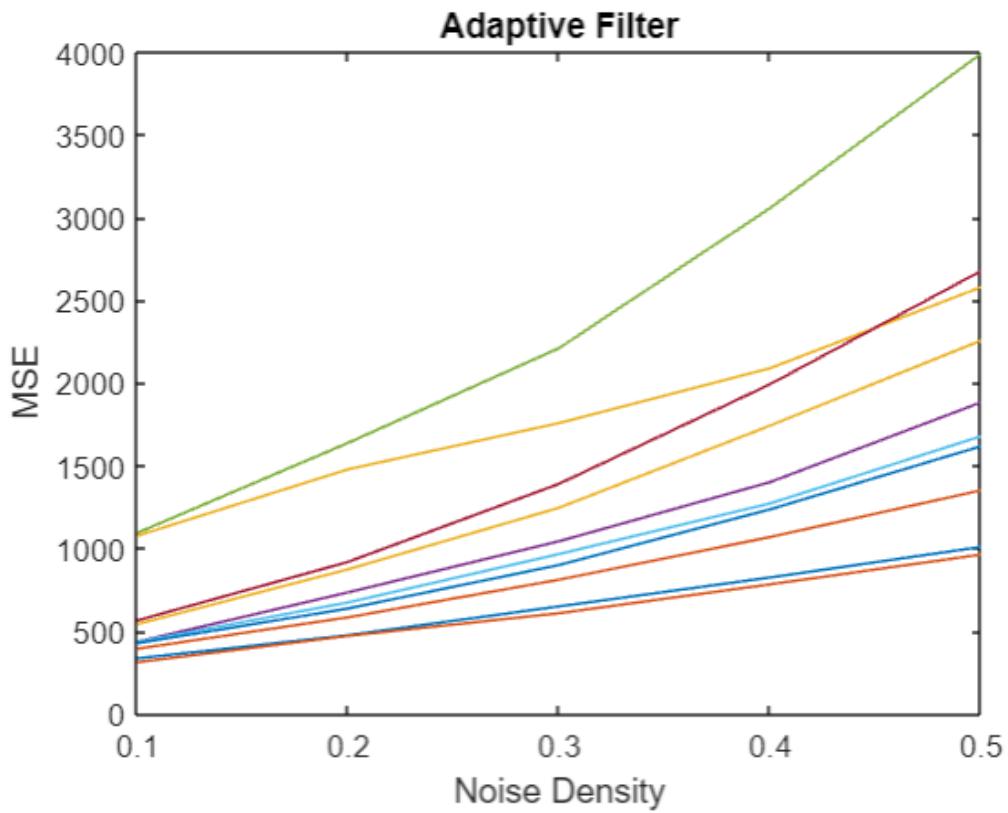
PSNR vs Noise Density for Individual Images





MSE vs Noise Density for Individual Filters





MSE vs Noise Density for Individual Images

