

NOISE REMOVAL

31 MARCH 2026

RUN SCRIPT DSN SIMPAN DENGAN NAMA noise,m

```
I = imread('eight.tif');  
figure  
imshow(I)  
J = imnoise(I,'salt & pepper',0.02);  
figure  
imshow(J)  
Kaverage = filter2(fspecial('average',3),J)/255;  
figure  
imshow(Kaverage)  
Kmedian = medfilt2(J);  
imshowpair(Kaverage,Kmedian,'montage')
```

REMOVE NOISE BY ADAPTIVE FILTERING

2. SIMPAN DENGAN NAMA ADAPTIVE.m

```
RGB = imread('saturn.png');  
I = im2gray(RGB);  
J = imnoise(I,'gaussian',0,0.025);  
imshow(J(600:1000,1:600));  
title('Portion of the Image with Added Gaussian Noise');  
K = wiener2(J,[5 5]);  
figure  
imshow(K(600:1000,1:600));  
title('Portion of the Image with Noise Removed by Wiener Filter');
```

