```
%median filter
```

salt and pepper and Removing

```
i=imread('numpy.png');
n=imnoise(i,'salt & pepper',0.3);

red_channel=n(:, :, 1);
green_channel=n(:, :, 2);
blue_channel=n(:, :, 3);

%median filter apply

red_channel=medfilt2(red_channel,[3,3]);
green_channel=medfilt2(green_channel,[3,3]);
blue_channel=medfilt2(blue_channel,[3,3]);

F=cat(3,red_channel,green_channel,blue_channel);

subplot(2,1,1);
imshow(n);
title('noise image');

subplot(2,1,2);
imshow(F);
title('remove noise');
```
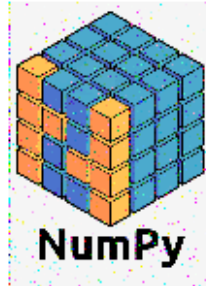
noise image

remove noise

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