

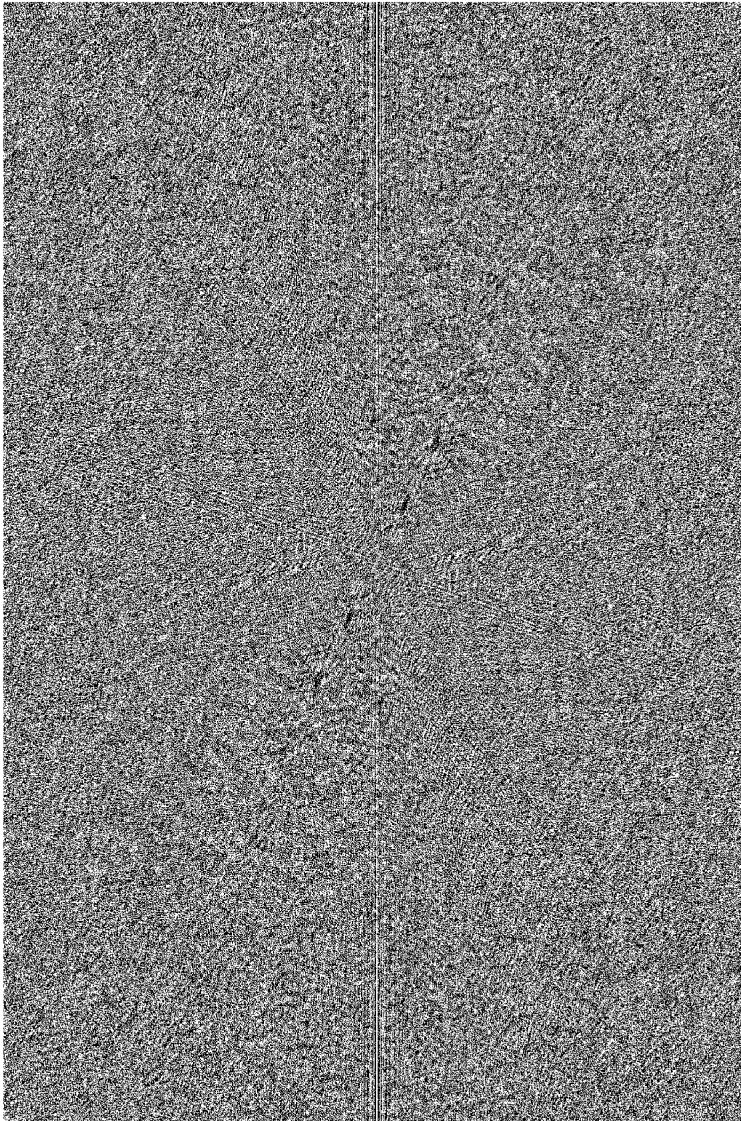
```
%% Read an Image
%%FFT of image
I = rgb2gray(imread("C:\Users\tvasu\Downloads\dried-red-rose-white-background.jpg"));
imshow(I);
```



```
%% Without Padding
% Take the fourier transform of image
fftOriginal = fft2(double(I));
% Here we use the fftshift to shift the pixel of the image. This gives us
% the spectrum.
Spectrum = fftshift(fftOriginal);
imshow(Spectrum);title("Phase");
```

Warning: Displaying real part of complex input.

**Phase**



```
figure;  
imagesc(mag);colormap(gray);
```

