**Delivery Report**

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The main formulas we used in Matlab to remove the phase, neutralize the magnitude, and for mixing these two into hybrid images.

In order to neutralize the magnitude, we extract the phase after applying the fast Fourier transform on an image. To do this, we use **exp(1i\*angle(im1\_fft))** the ‘**angle()**’ function that returns the phase angles, in radians for each element of the object. In order to restore the image with just the phase, apply the inverse fast Fourier transform after the phase angles have been calculated.

To remove the phase, first use fast Fourier transform, then you need to use the fftshift. Use ‘**abs()**’ to get the complex magnitude of the image.