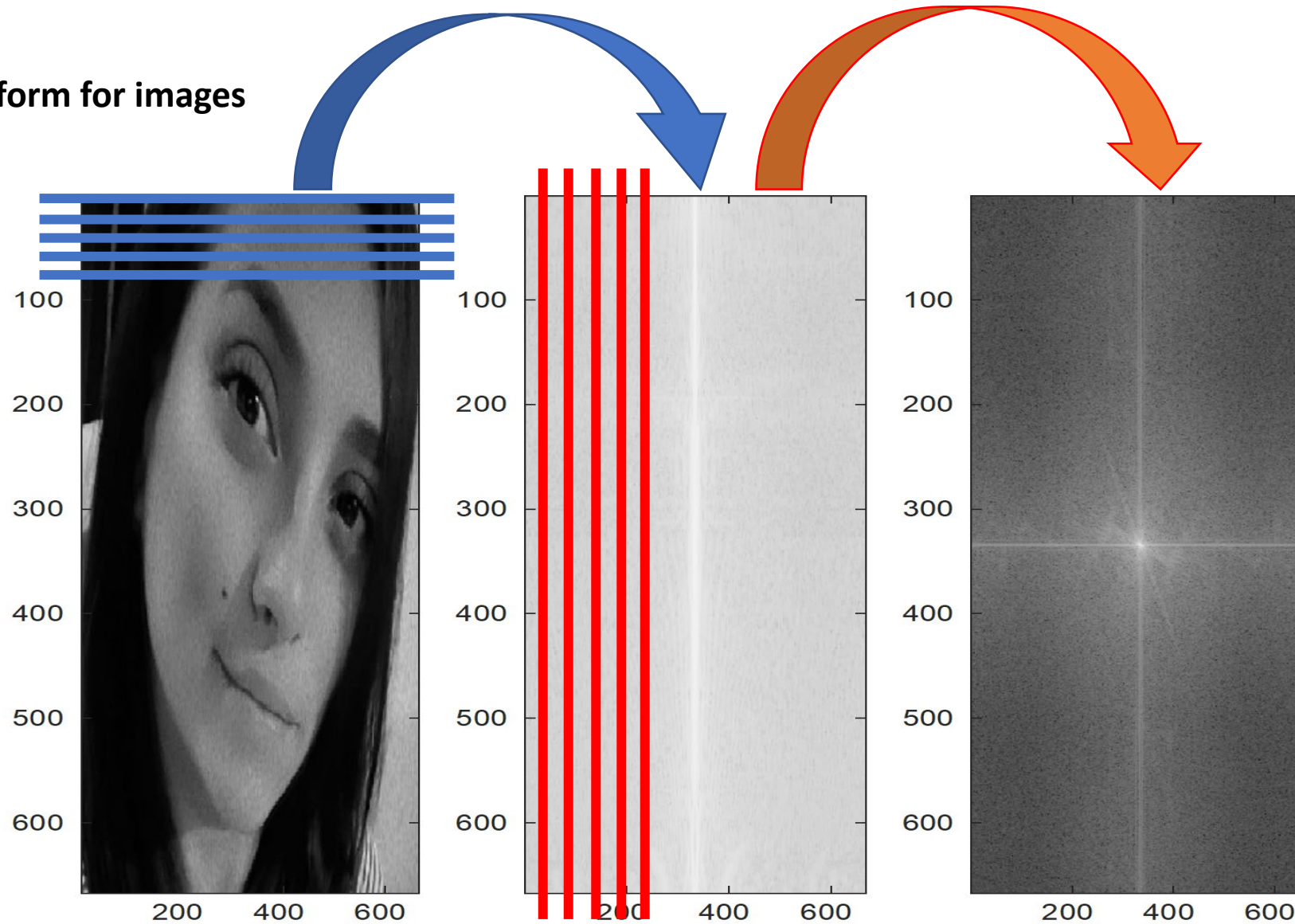






2D transforms and image processing

2D Fourier transform for images



2D transforms and image processing

Image compression via the FFT

	2DFFT_Compress1.png	210KB	PNG image
	2DFFT_Compress2.png	115 KB	PNG image
	2DFFT_Compress3.png	92 KB	PNG image
	2DFFT_Compress4.png	83 KB	PNG image

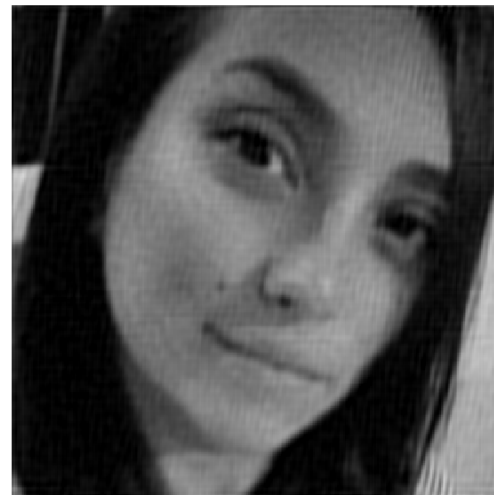
Original



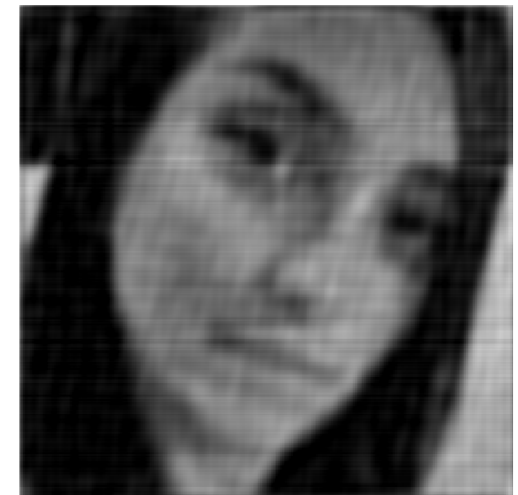
5% of FFT



1% of FFT



0.2 % of FFT

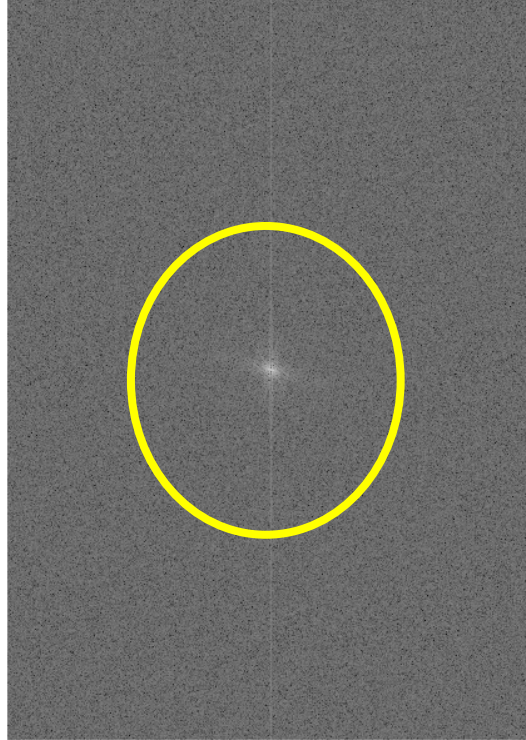


2D transforms and image processing

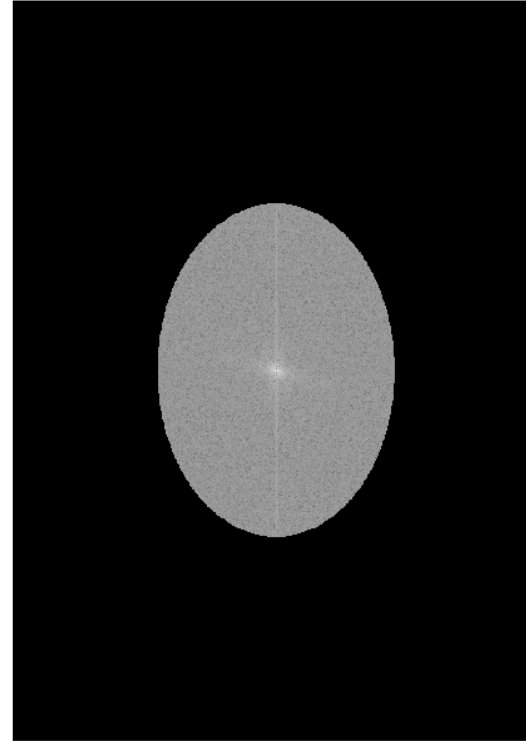
Denoising image by eliminating high-frequency



Noisy Image



Noisy FFT



Filtered FFT



Filtered Image