N*N image

2D fft
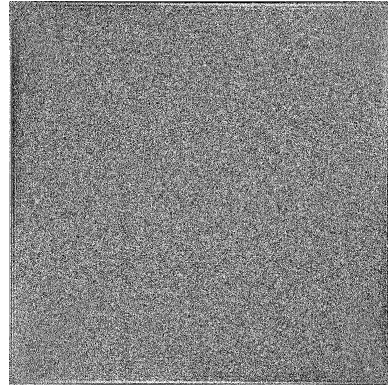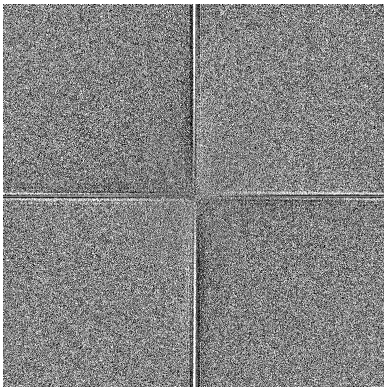

fftshifted 2D fft

magnititude of fftshifted 2D fft