CIS580 Problem Set 6

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1 Convolution of image with a Gaussian

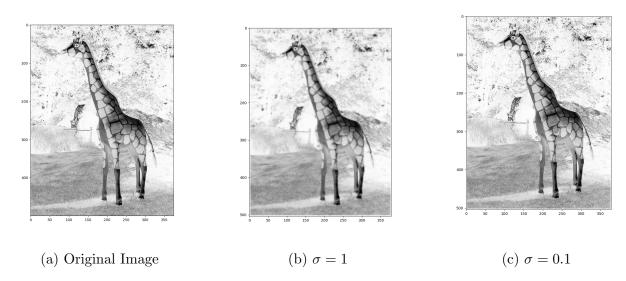


Figure 1: Three simple graphs

- 2 Convolution of Gaussians
- 3 Convolution of Step Edge with Gaussian derivative
- 4 Box Function
- 5 1D FFT Quiz

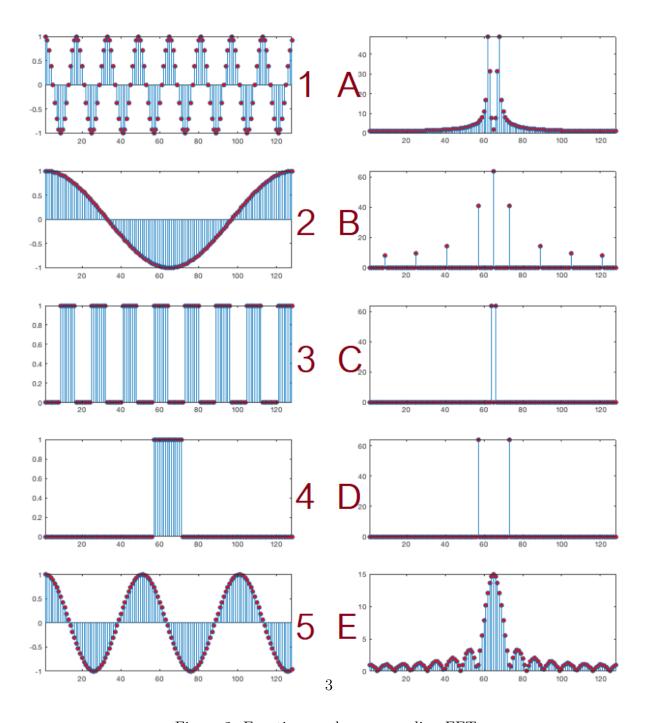


Figure 2: Functions and corresponding FFTs

- 6 2D Fourier Transform
- 7 Filter Design