

# EE5175: Image Signal Processing

## Lab-4

### Space-invariant Blurring

Perform Gaussian blurring on `Mandrill.pgm` with standard deviation  $\sigma$ . Assume space-invariant blur and a kernel of size  $\lceil 6\sigma+1 \rceil \times \lceil 6\sigma+1 \rceil$ . Observe the outputs for these values of  $\sigma$ : 1.6, 1.2, 1.0, 0.6, 0.3 and 0.0.