

EE5175: Image Signal Processing

Lab-4

Space-invariant Blurring

Perform Gaussian blurring on `Mandrill.png` with standard deviation σ . 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 σ : 1.6, 1.2, 1.0, 0.6, 0.3 and 0.0.