

Convolution and Blurring

- Motivation

Briefly explain what a PSF matrix is, how you find it, and why it is important.

- Problems

Problem 1 *From problem one in the classwork: At what variance can the edges be detected accurately (without additional objects appearing in the image)? Describe how you came about this variance.*

Problem 2 *From problem three in the classwork: What does a Gaussian kernel look like? Describe how the sigma affects the convolved image.*

- Remaining Questions

Write two questions you would ask as the professor.