Report Question 3
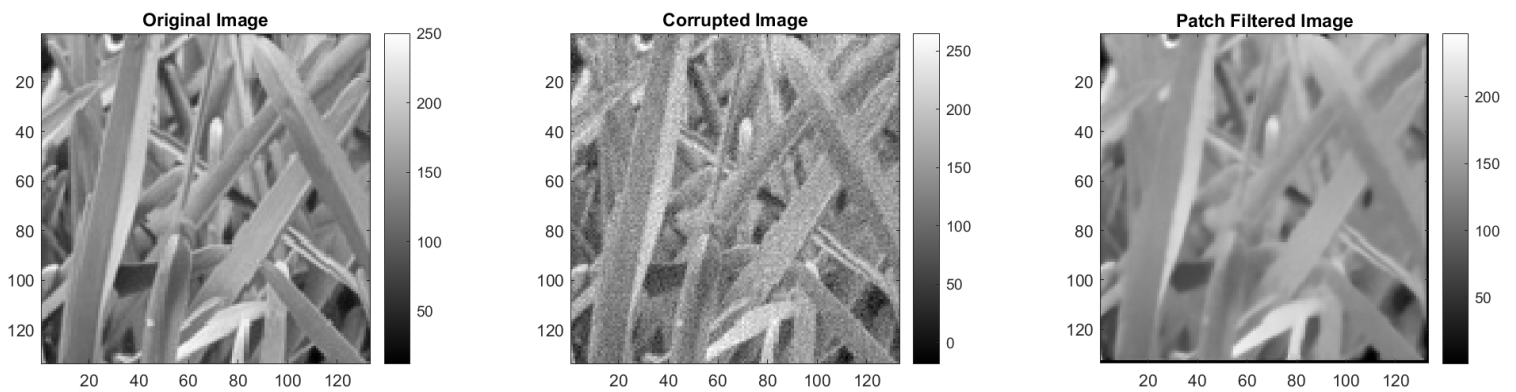
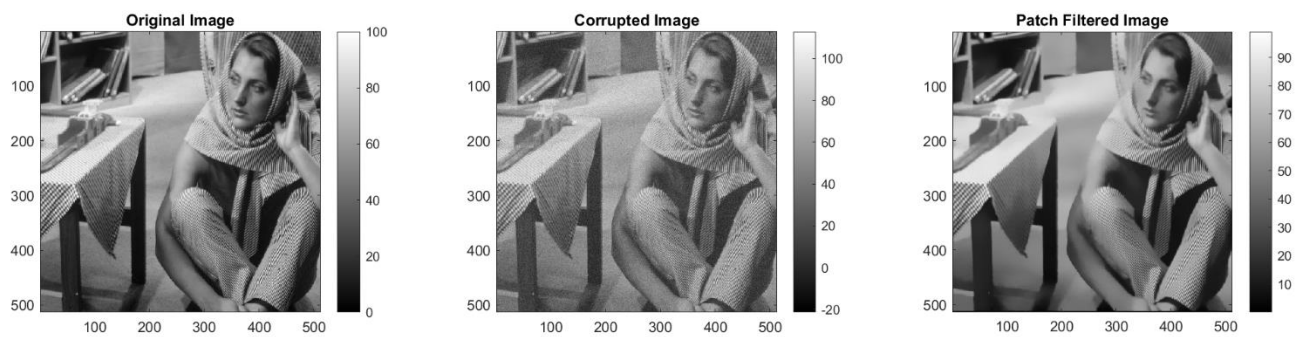## Images:

Optimal Parameters used: h = 0.016

RMSD best sigma - 25.3322

RMSD 0.9 sigma - 25.4009

RMSD 1.1 sigma - 25.3635

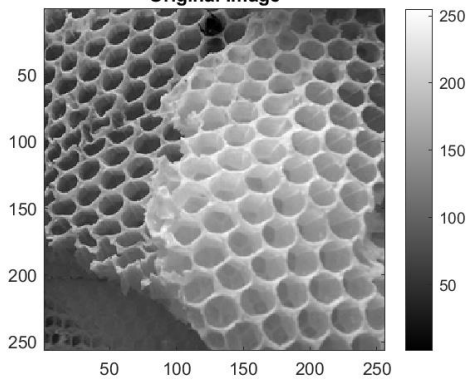## This was the Barbara pic with optimal h = 0.015

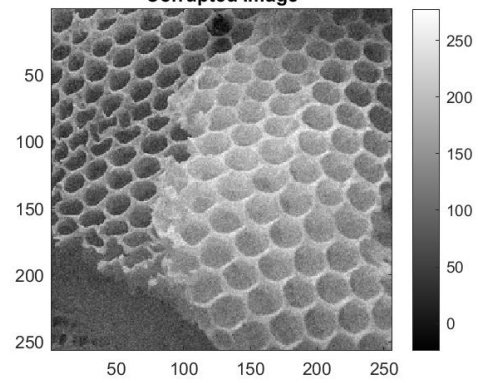RMSD best sigma = 10.4966

RMSD 0.9 sigma =   10.6587

RMSD 1.1 sigma = 10.3486

Due to last minute changes in the input images, we couldn't tune this properly, this was the best according to the tuned so far.
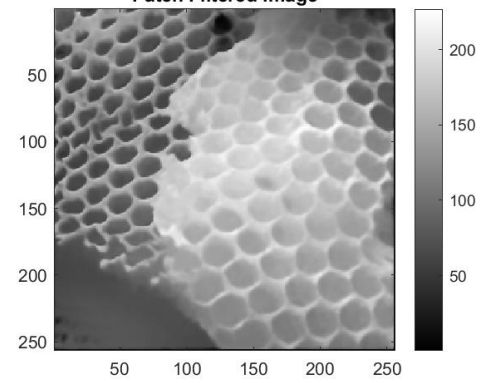
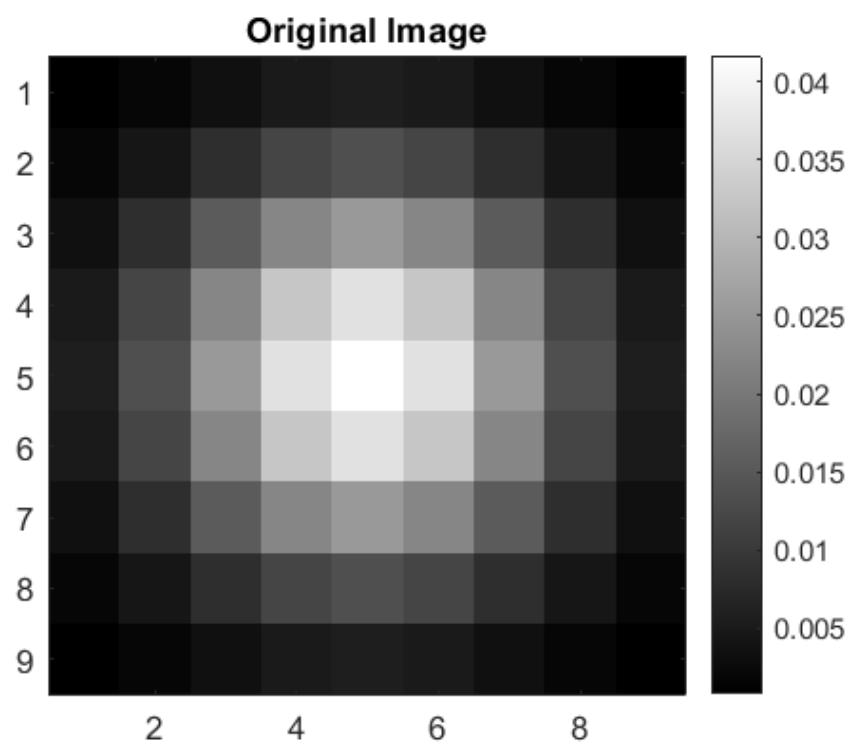**Original Image**   **Corrupted Image**   **Patch Filtered Image**

This was the honeycomb pic with optimal parameter values: h=0.018

RMSD best sigma - 23.8869

RMSD 0.9 sigma - 23.9866

RMSD 1.1 sigma - 23.9216

Original Image

Gaussian Filter used to make patches isotropic