

CS663: Digital Image Processing

Assignment 2 - Report

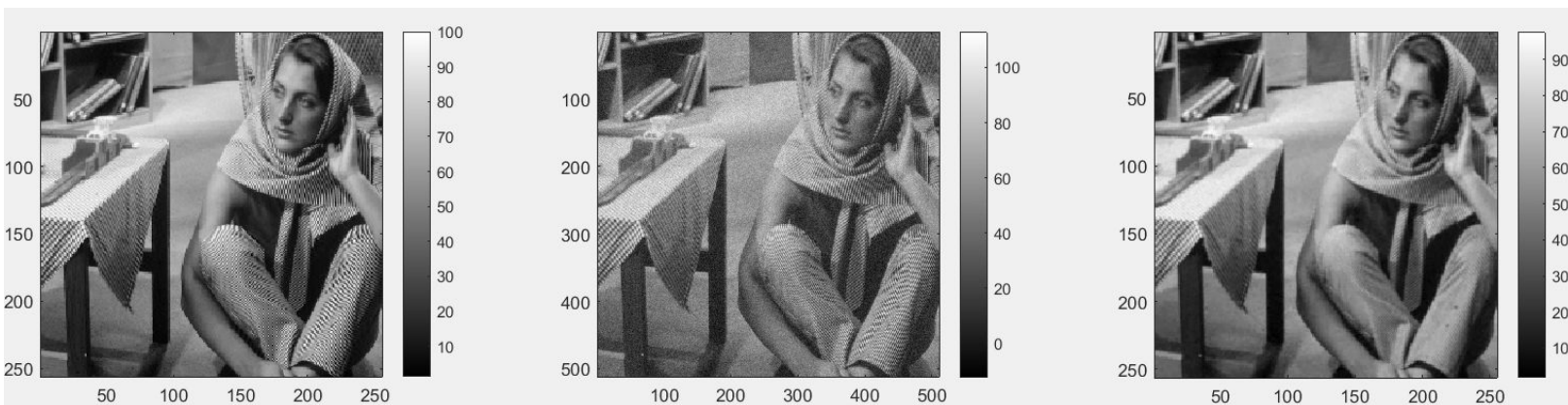
Question 3

Adarsh Kumar - 160110071

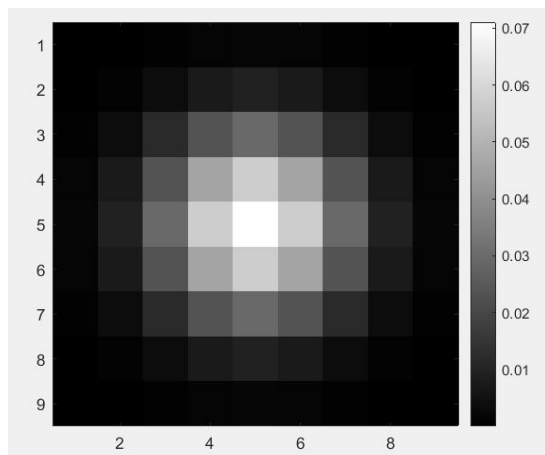
Kumar Ashutosh - 16D070043

Nisha Brahmkar - 16D070019

Q3. b



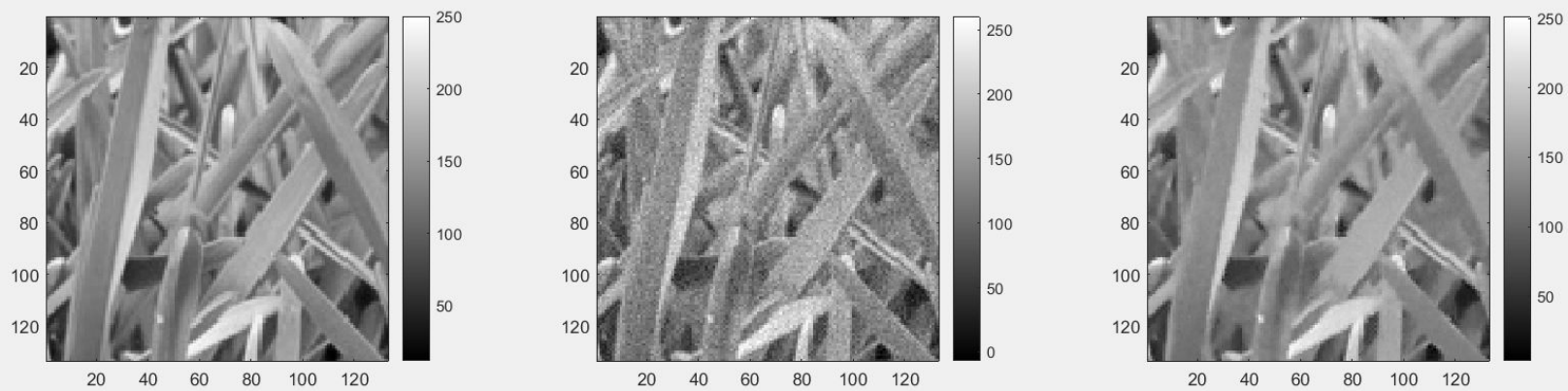
Iso mask



Iso mask is same for all the three parts.

Optimal RMSD value of 5.9242 is obtained at $\sigma = 0.15$
RMSD value at $0.9 \cdot \sigma$ is 5.92
RMSD value at $1.1 \cdot \sigma$ is 5.9301

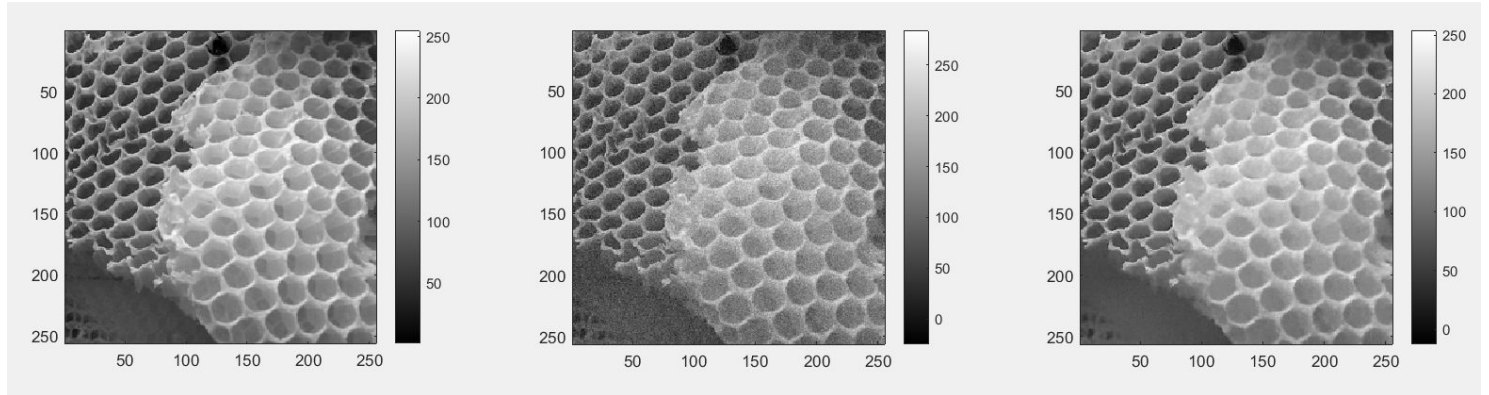
Grass



Optimal RMSD value of 7.3168 is obtained at $\sigma = 1.86$

RMSD value at $0.9 \cdot \sigma$ is 7.4558
RMSD value at $1.1 \cdot \sigma$ is 7.4516

HoneyComb



Best value of sigma HoneyComb = 2.1

Optimal RMSD = 7.5255

RMSD at 0.9*sigma = 7.8214