

CS663: Digital Image Processing

Assignment 2 - Report

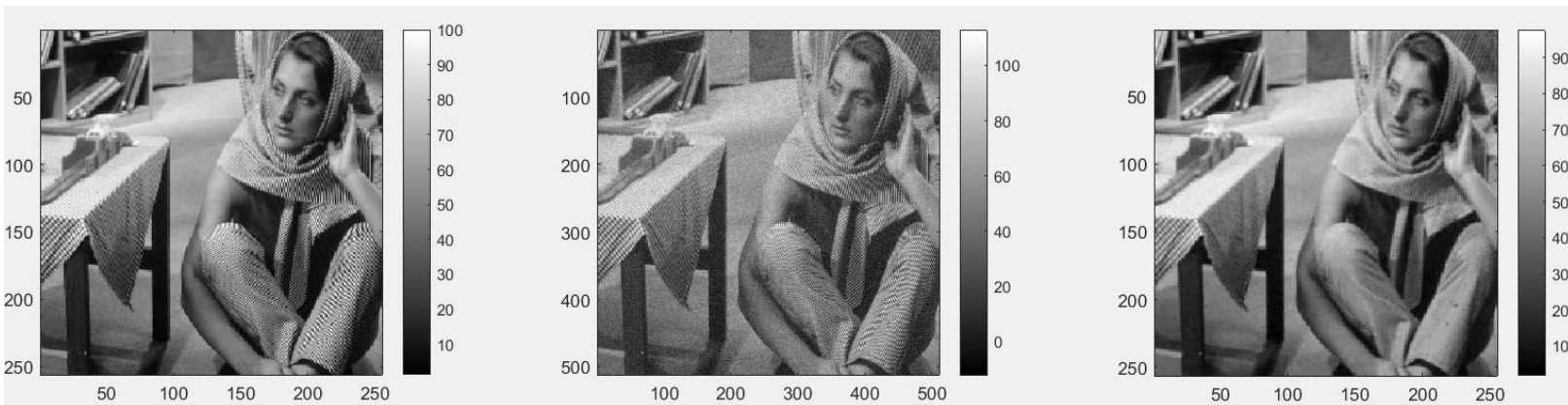
Question 3

Adarsh Kumar - 160110071

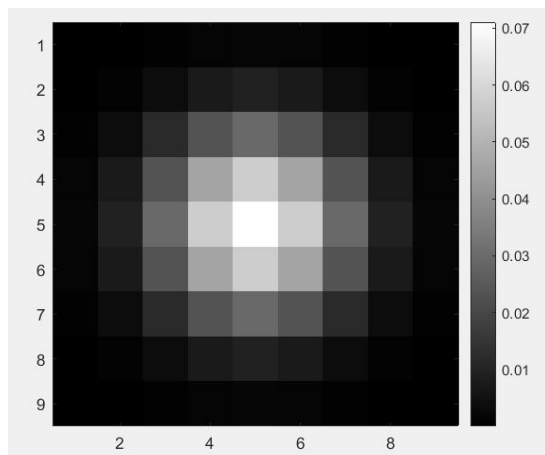
Kumar Ashutosh - 16D070043

Nisha Brahmkar - 16D070019

Q3. b



Iso mask



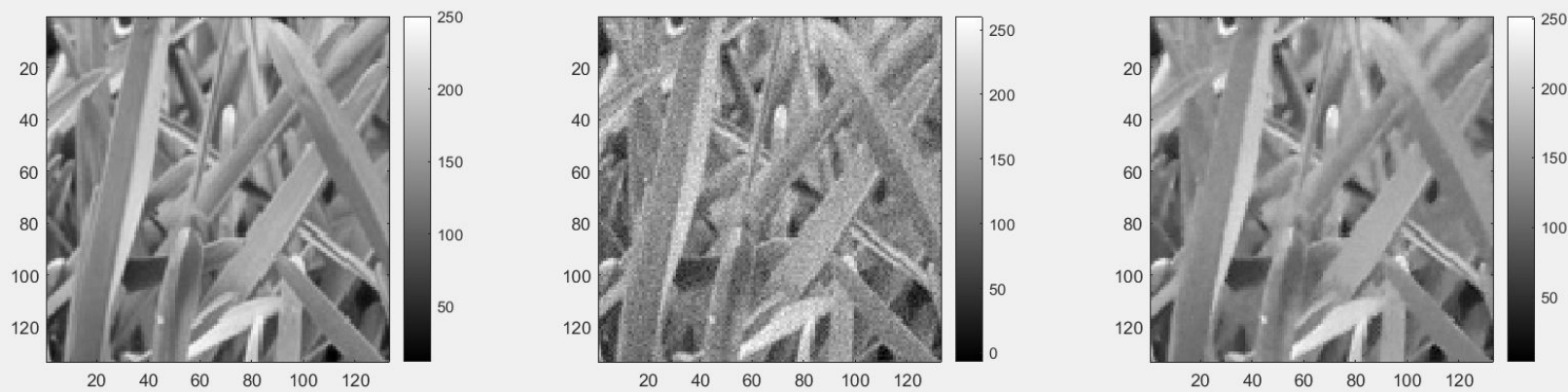
Iso mask is same for all the three parts.

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 $0.9 \cdot \sigma$ is 7.4516

HoneyComb

Best value of σ HoneyComb = 2.1

Optimal RMSD = 4.2182

RMSD at $0.9 \cdot \sigma$ = 4.8214