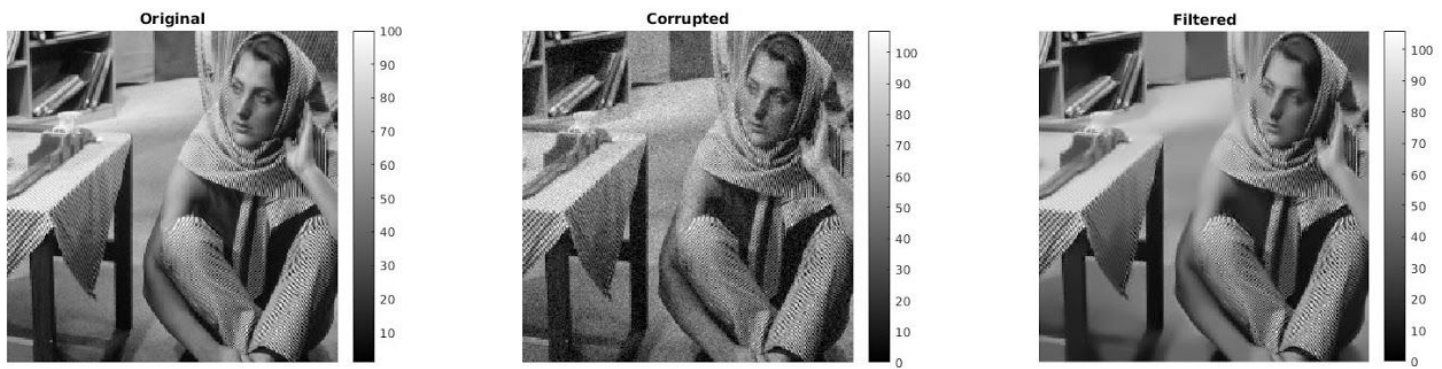
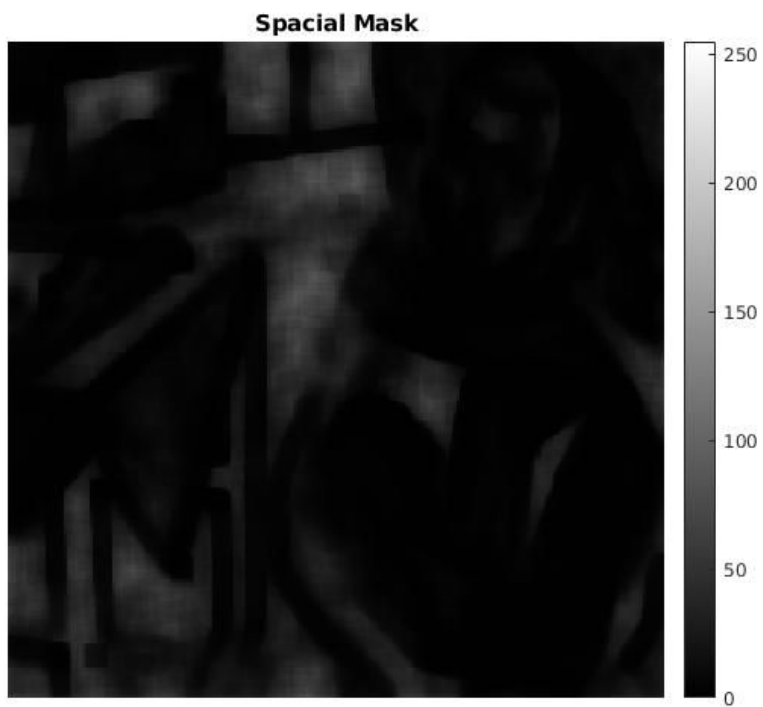


Q3)

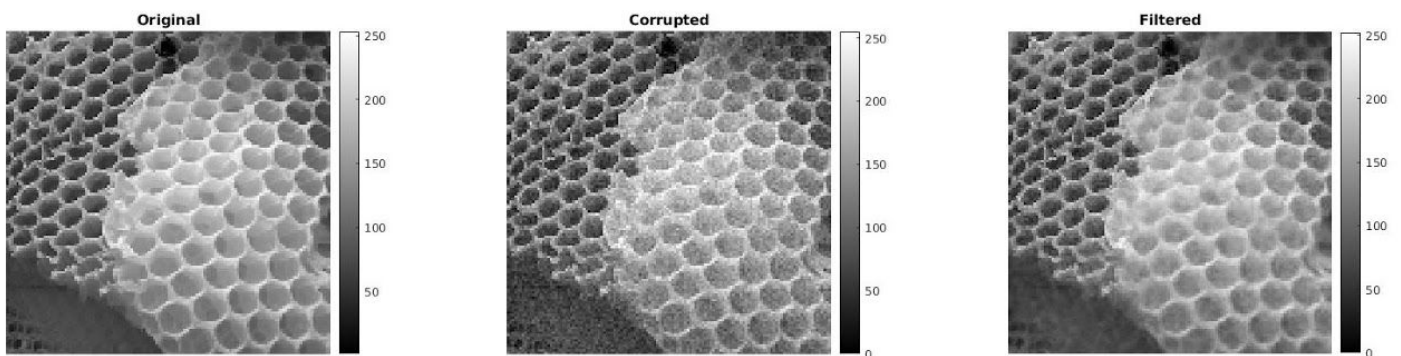


- Mask

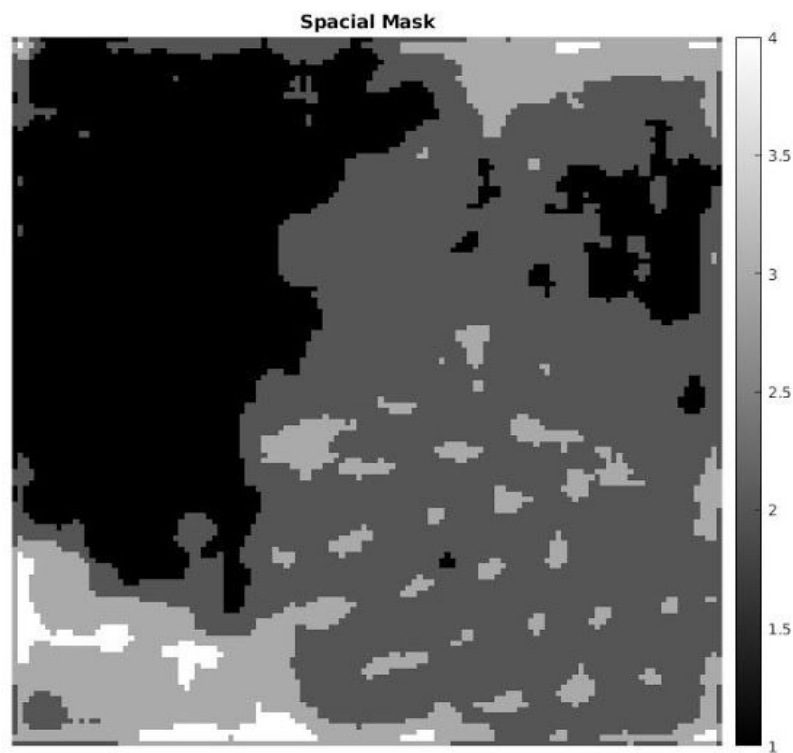


- $\sigma$  optimal = 54
- RMSD for  $\sigma$  optimal = 2.3582
- RMSD for  $(\sigma \text{ optimal}) * 1.1 = 2.4291$
- RMSD for  $(\sigma \text{ optimal}) * 0.9 = 2.4223$

For Honey Comb:-

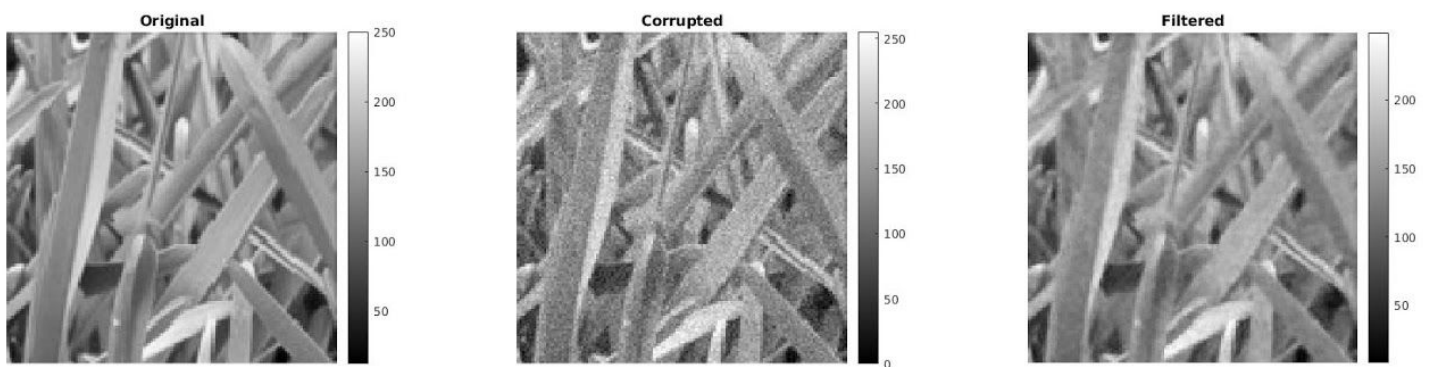


- Mask

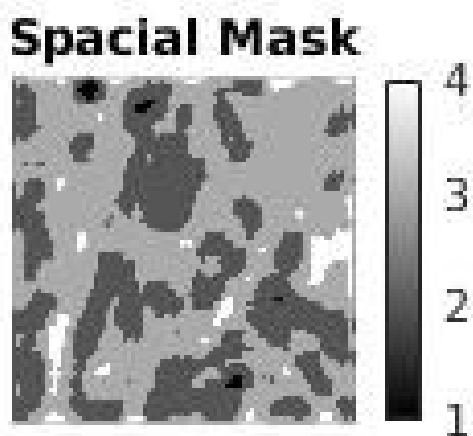


- $\sigma$  optimal = 229.5
- RMSD for  $\sigma$  optimal = 6.2609
- RMSD for  $(\sigma \text{ optimal}) * 1.1 = 6.3182$   
 $(\sigma \text{ optimal}) * 0.9 = 6.3076$

For grass:-



- Mask:-



- $\sigma$  optimal = 227
- RMSD for  $\sigma$  optimal = 4.7822
- RMSD for  $(\sigma \text{ optimal}) * 1.1 = 4.9233$   
 $(\sigma \text{ optimal}) * 0.9 = 4.9320$