

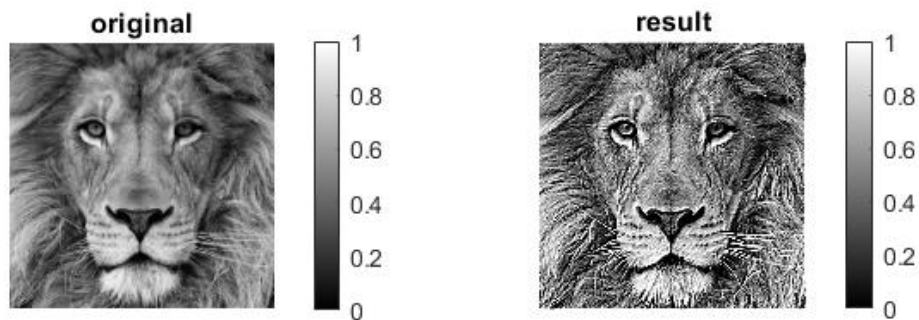
## Question 1

### Image Sharpening using Unsharp Masking

#### (1) Sharpening on lionCrop.mat

Parameters:

- Gaussian Size = 4
- Gaussian Sigma = 2
- Scale = 10

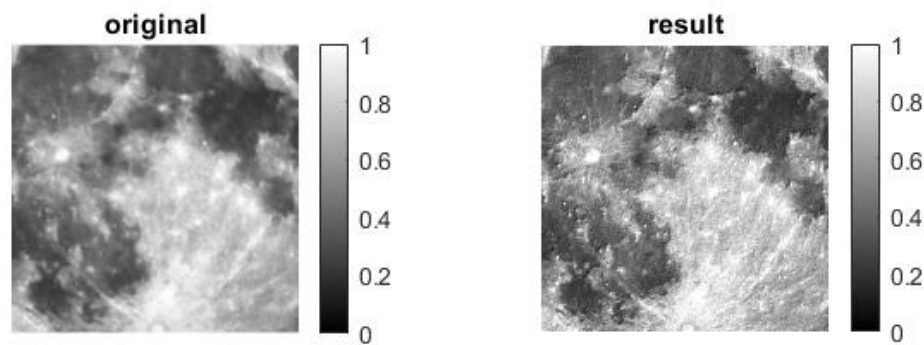


**Figure 1.1:** Sharpening on lionCrop.mat

## (2) Sharpeing on superMoonCrop.mat

Parameters:

- Gaussian Size = 4
- Gaussian Sigma = 2
- Scale = 10



**Figure 1.2:** Sharpening on superMoonCrop.mat