

CS 663 - Fundamentals of Digital Image Processing

Assignment 2

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1 Image Sharpening

1.1 1/data/superMoonCrop.mat

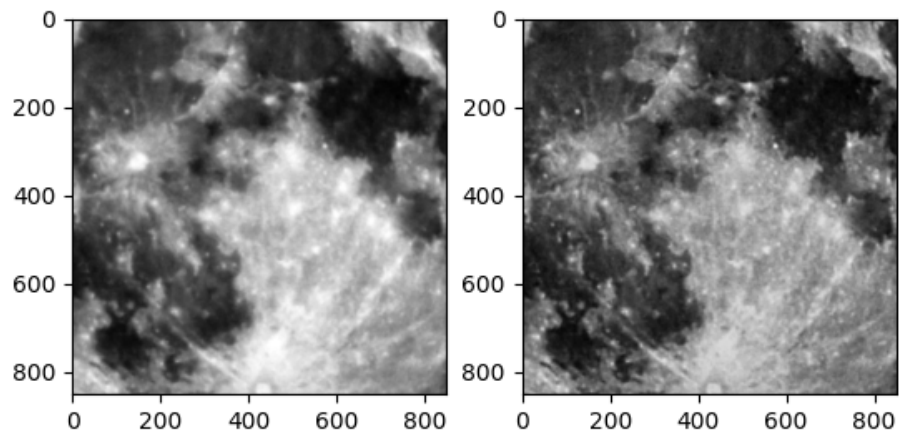


Figure 1: Sharpened image on right

Parameters for the above image:

$$\begin{aligned}std(\sigma) &= 6 \\scaling(s) &= 1\end{aligned}$$

1.2 1/data/lionCrop.mat

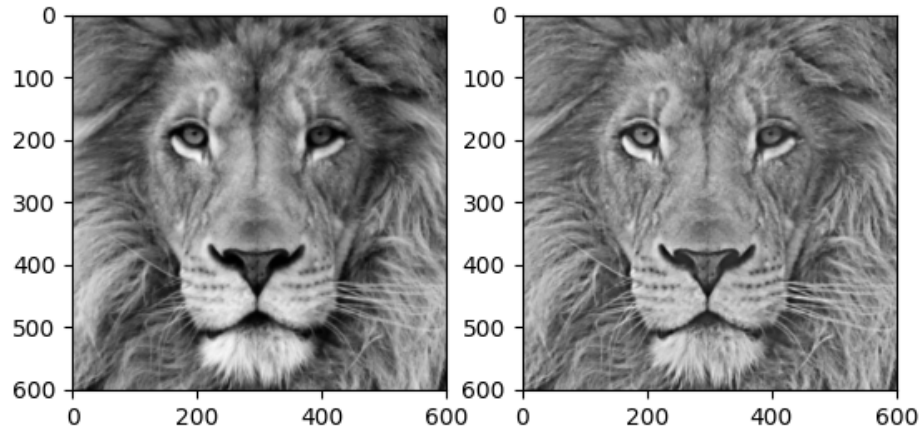


Figure 2: Sharpened image on right

Parameters for the above image:

$$\begin{aligned}std(\sigma) &= 6 \\scaling(s) &= 0.5\end{aligned}$$