

CS 663: Assignment 2

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Notes and Observations

NOTE: Since none of our team members were able to register in Turnitin, we are attaching our Tcode and (fast to generate images). The published part contains output for parts 1 and 2 including RMSD values of part 2.

The tuned parameters can be found in the published code

Question 1 (Unsharp Masking)

Clearly as we can see from output of the two images, unsharp masking (using difference of gaussians to sharpen the image) produces images of better contrast along almost all edges in Lion image . It highlights bright spots in moon image and darkens the black spots creating a much better sharpened image.