

CCS-3085 - Digital Image Processing  
Lab 7

Third Semester 2023

Grade

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```
1  RGB = imread('tree.jpg');
2  I = im2gray(RGB);
3  J = dct2(I);
4  imshow(log(abs(J)), [])
5  colormap parula
6  colorbar
7  [r,c]= size(J);
8  J(r/2:r,c/2:c) = 0;
9  K = idct2(J);
10 K = rescale(K);
11 montage([I,K])
12 title(['Original Grayscale Image Processed Image']);
13
```

Original Grayscale Image Processed Image

