

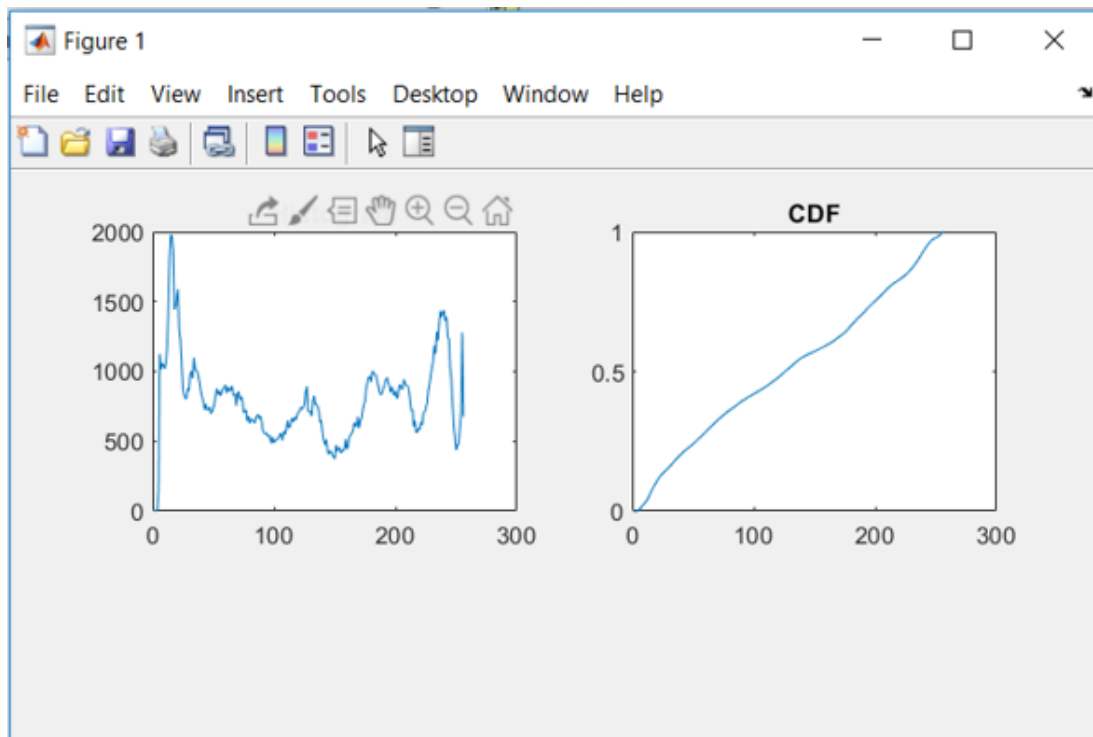
باسمه تعالی

تکلیف سری دوم سیستم های چند رسانه ای – استاد سماوی

عرفان بهرامی – ۹۶۲۴۵۱۳

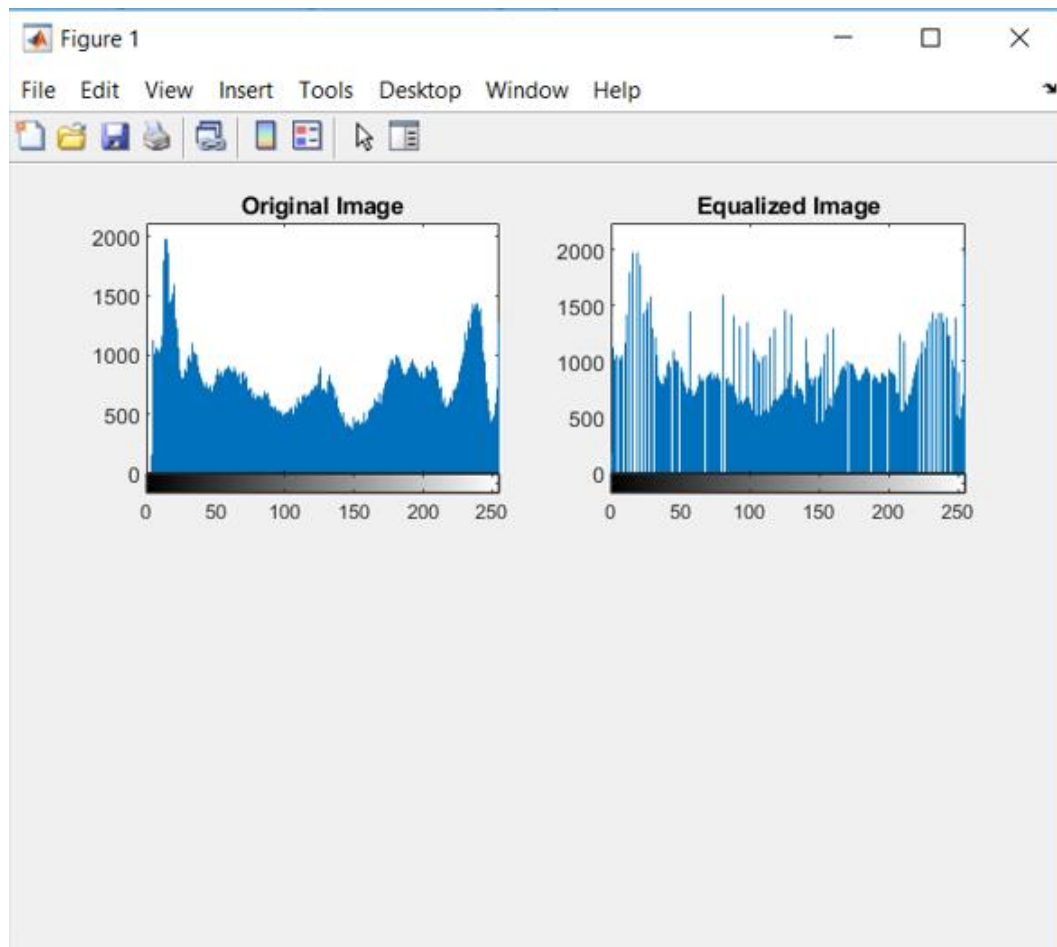
Q1-ScreenShot:

```
% Question1 test  
[c, h] = hist_cdf(I);  
subplot(2, 2, 1)  
plot(h);  
title('Histogram');  
  
subplot(2, 2, 2)  
plot(c);  
title('CDF');
```



Q2-ScreenShot:

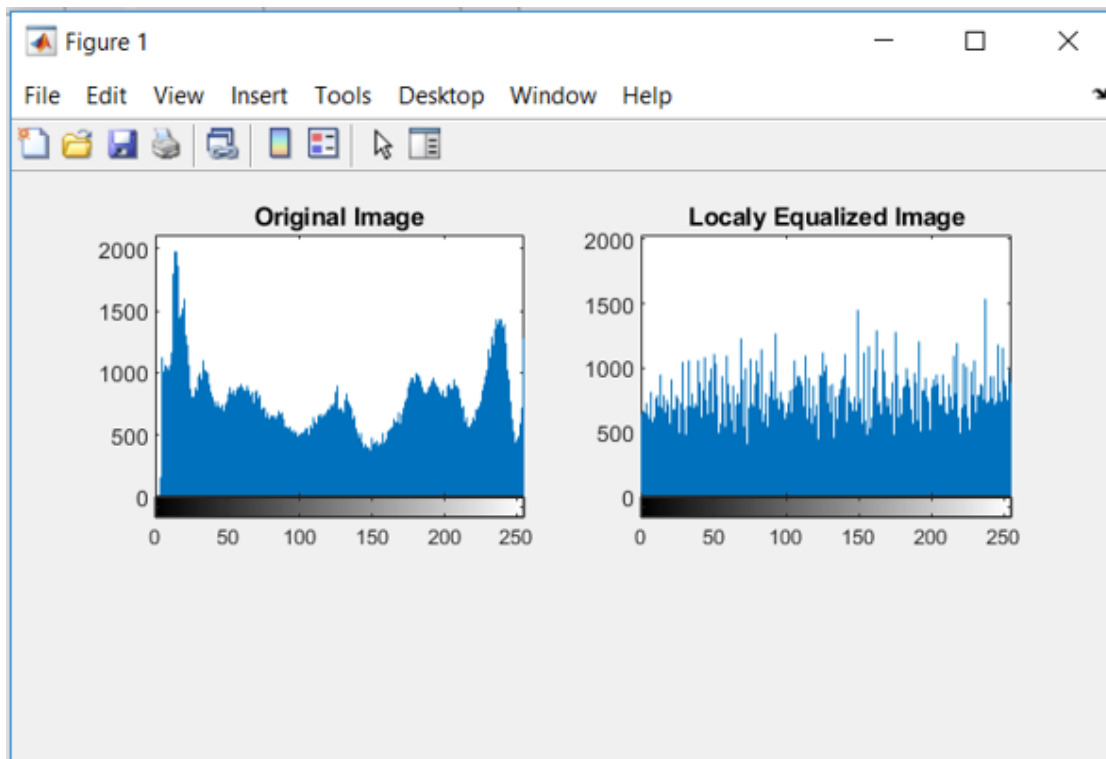
```
% Question2 test  
E = hw2_histeq(I);  
subplot(2, 2, 1)  
imhist(I);  
title('Original Image');  
  
subplot(2, 2, 2)  
imhist(E);  
title('Equalized Image');
```



Q3-ScreenShot:

```
% Question3 test
E2 = hw2_local_histeq(I, 50);
subplot(2, 2, 1)
imhist(I);
title('Original Image');

subplot(2, 2, 2)
imhist(E2);
title('Localy Equalized Image');
```



Q4-ScreenShot:

```
clc
clear all
close all

I = uint8(imread('Hi.tif'));
J = uint8(imread('iut.tif'));
hw2_hide(I, J, 5);
```

