NAMe :MAHMOUD RAMADN TAMAMM Sec: 4

Apply image transformation By using cumulative distribution function and histogram equalization?

CODe:

img=imread('img22.jpg');

i=rgb2gray(img);

h1=histeq(i);

h2=adapthisteq(i,'clipLimit',0.8);

subplot(3,2,1), imshow(img), title('Origenl Image');

subplot(3,2,2), imhist(img), title('origenl Eq');

subplot(3,2,3), imshow(h1), title('Histogram Eq. Image');

subplot(3,2,4), imhist(h1), title('Histogram Eq');

subplot(3,2,5), imshow(h2), title('Adapthisteq Image');

subplot(3,2,6), imhist(h2), title('Adapthisteq Histogram')

OUTPUt:

