

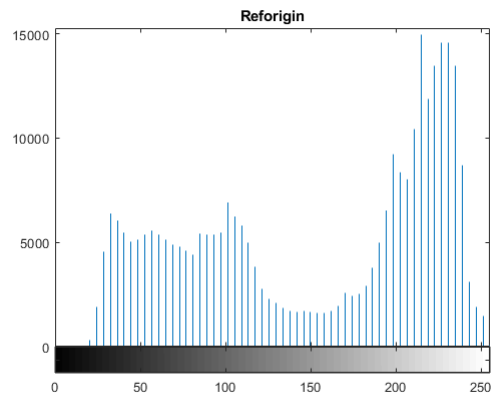
```

NO3.
clear;
clc;
close all;
A = imread('HW2_einstein_orig.tif');
Ref = imread('NO3Reforigin.pgm');
figure
imhist(Ref,64)
title('Reforigin')
Ref = imadjust(Ref,[ ],[ ],18);
imwrite(Ref,'NO3Ref.tif')
size(A)
size(Ref)
B = imhistmatch(A,Ref);
imwrite(B,'NO3histogrammatching.tif')
figure
imhist(A,64)
title('A')
figure
imhist(Ref,64)
title('Ref')
figure
imhist(B,64)
title('B')

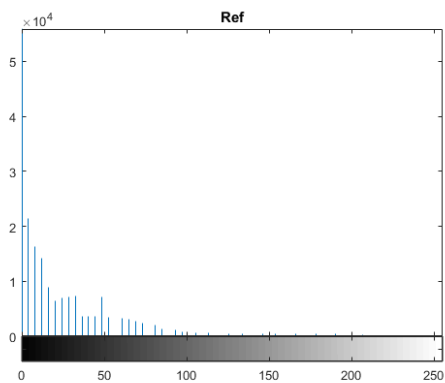
```

說明:原始照片讀進來，也讀進Ref的照片，把Ref的照片用imadjust做亮度降低，試過多次後大約設成imadjust (Ref,[],[],17)可使效果最好

Reforigin:

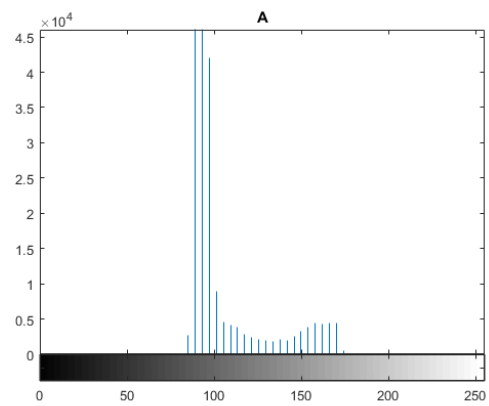
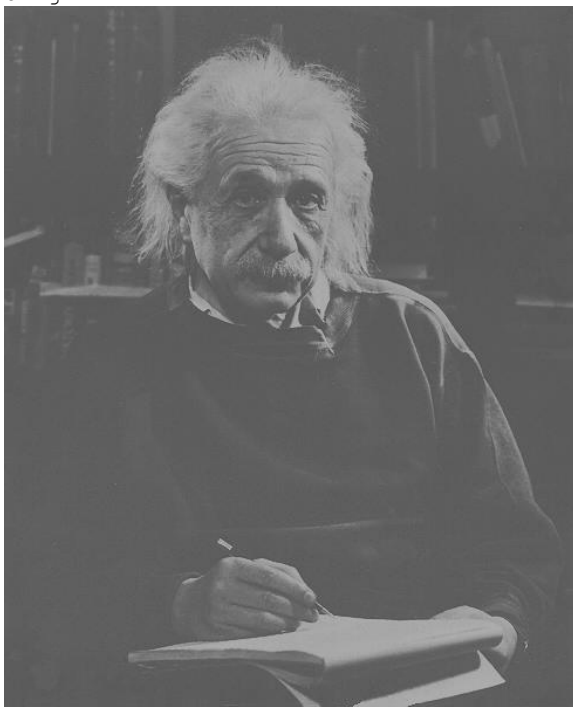


Ref:



接著用內建函數size取得原圖和參考目標圖的size後，用內建函數imhistmatch(A,Ref)做histogram

matching並輸出結果即可得到結果
Origin



Histogram matching

