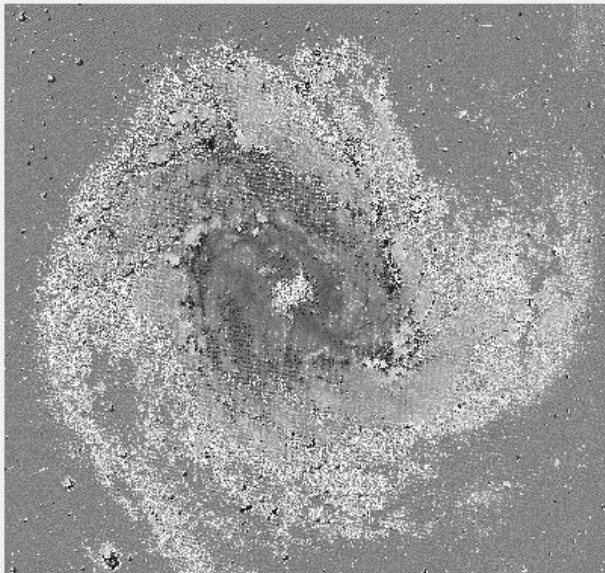


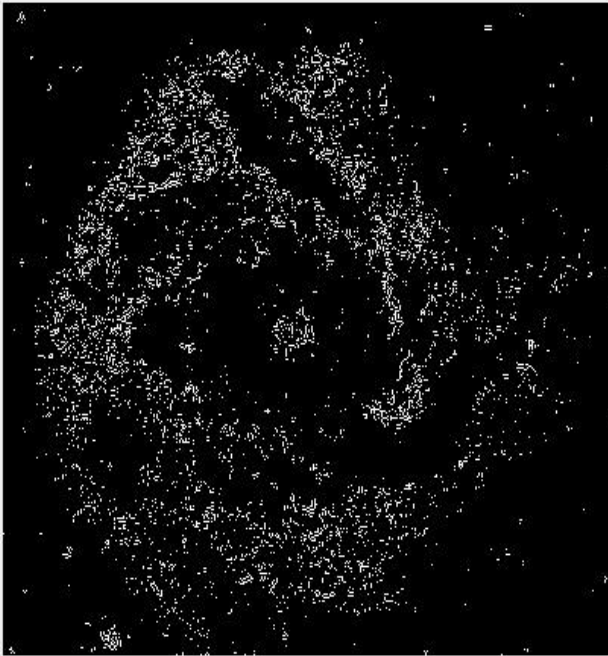
الاسم : محمد عبدالمنعم محمود فايد

سكشن : 3

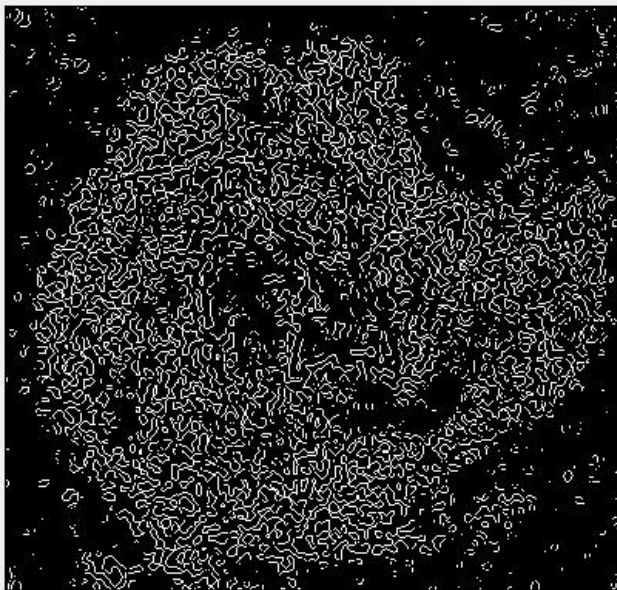
```
em32 ▶
Editor - Untitled*
Untitled* x +
1 I = imread('m83.tif');
2 figure;
3 imshow(I);
4 firstDev = edge(I, 'prewitt');
5 figure;
6 imshow(firstDev); % first derivative
7 secondDev = edge(I, 'log');
8 figure;
9 imshow(secondDev); % second derivative
10 cannyAlg = edge(I, 'canny');
11 figure;
12 imshow(cannyAlg); % canny algorithm
13
```



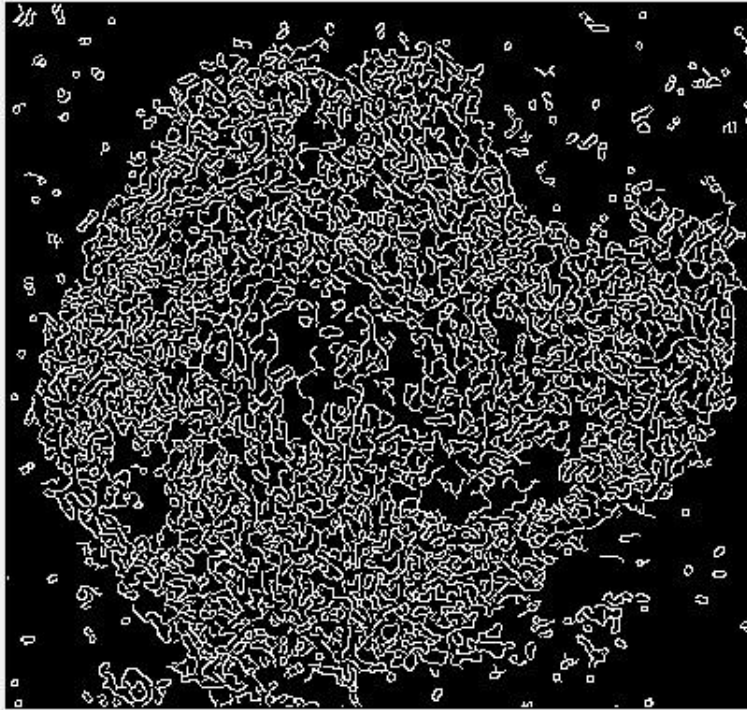
*original



* first derivative



* second derivative



*canny algorithm

**I see that canny algorithm is the best shapes of edges and clear.