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```
clc;
close all;
clear all;

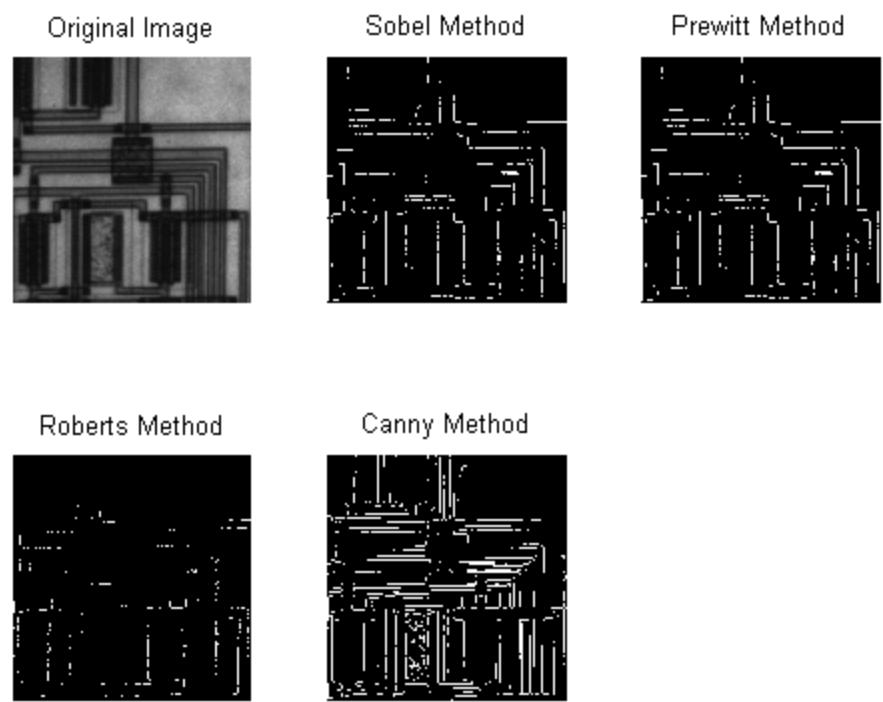
I=imread('circuit.tif');
subplot(2,3,1);
imshow(I);
title('Original Image');

BW1=edge(I, 'sobel');
subplot(2,3,2);
imshow(BW1);
title('Sobel Method');

BW2=edge(I, 'prewitt');
subplot(2,3,3);
imshow(BW2);
title('Prewitt Method');

BW3=edge(I, 'roberts');
subplot(2,3,4);
imshow(BW3);
title('Roberts Method');

BW4=edge(I, 'canny');
subplot(2,3,5);
imshow(BW4);
title('Canny Method');
```



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