

MATLAB Edge detection

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The Prewitt, Sobel, Canny and Roberts edge detection algorithms were applied, with and without Gaussian filter.

This was applied to 10 images, but I will only show 1 as an example, although it was true that, for each image, there was a more effective algorithm than the others, which depended on the elements and tones that were had.

The image of the Maximiliano, Miramon and Mejia Chapel was taken by my teacher, Salvador Elías Venegas Andraca, so he is the author.

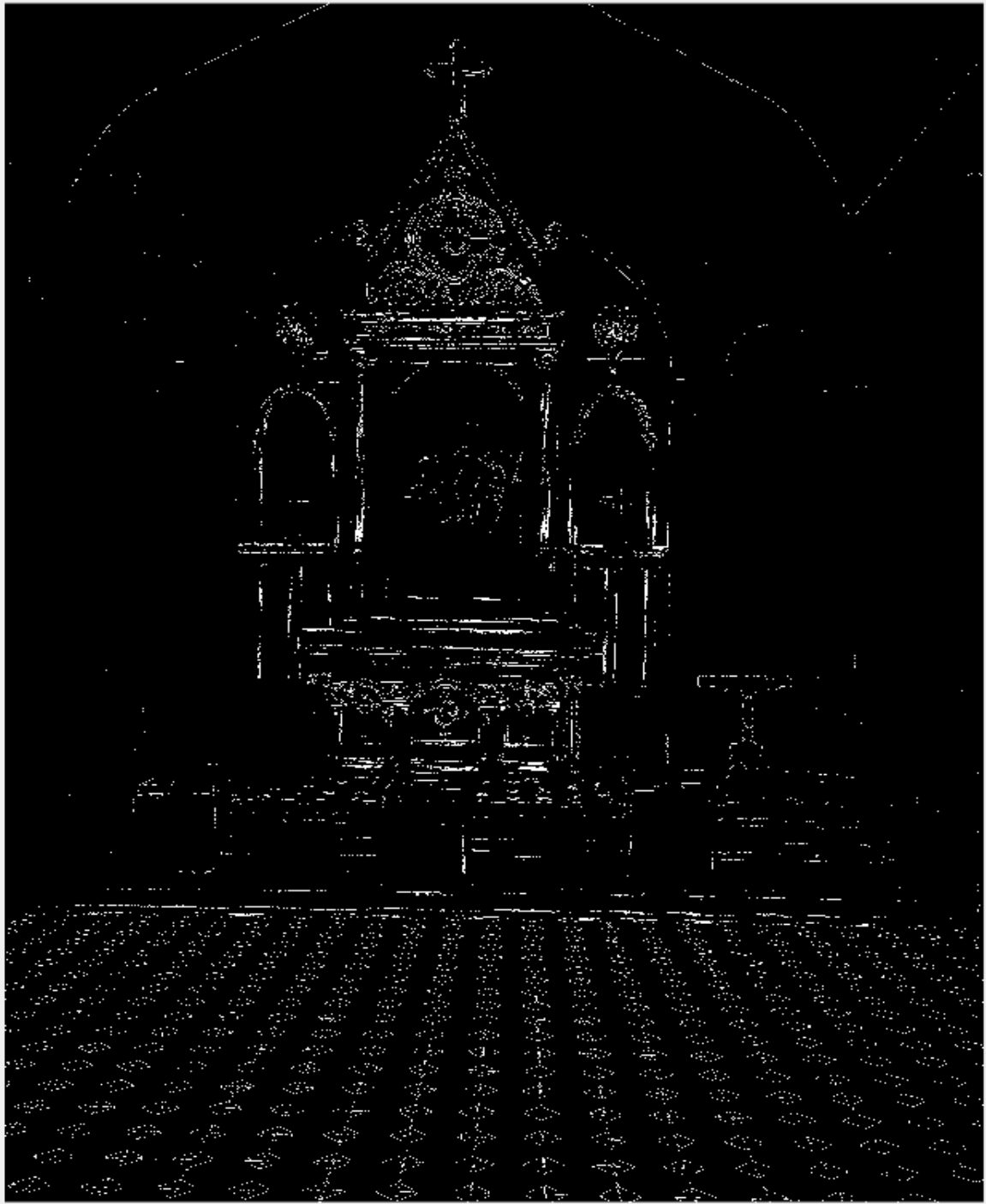
capilla color



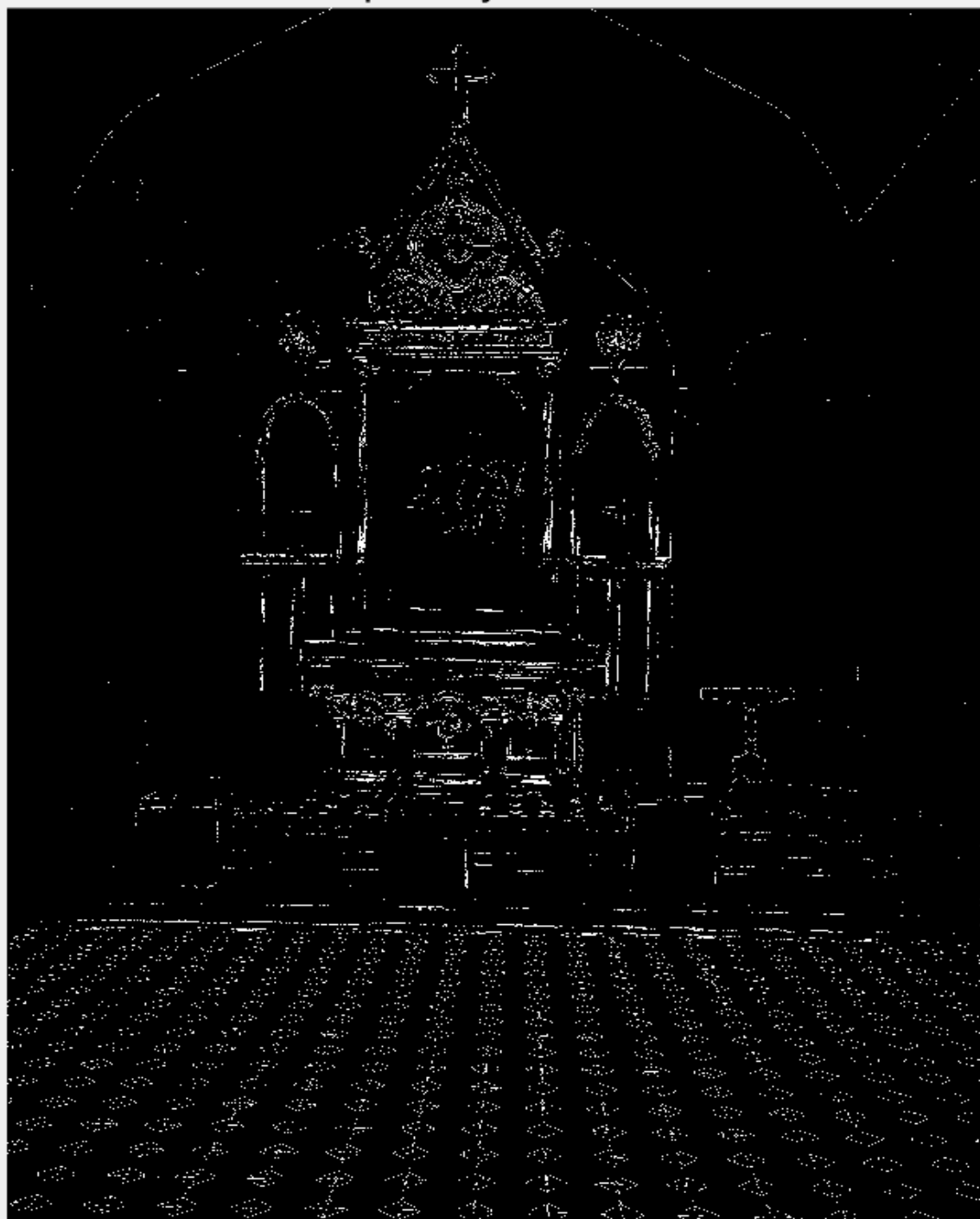
capilla GrayScale



capilla GrayScale Prewitt

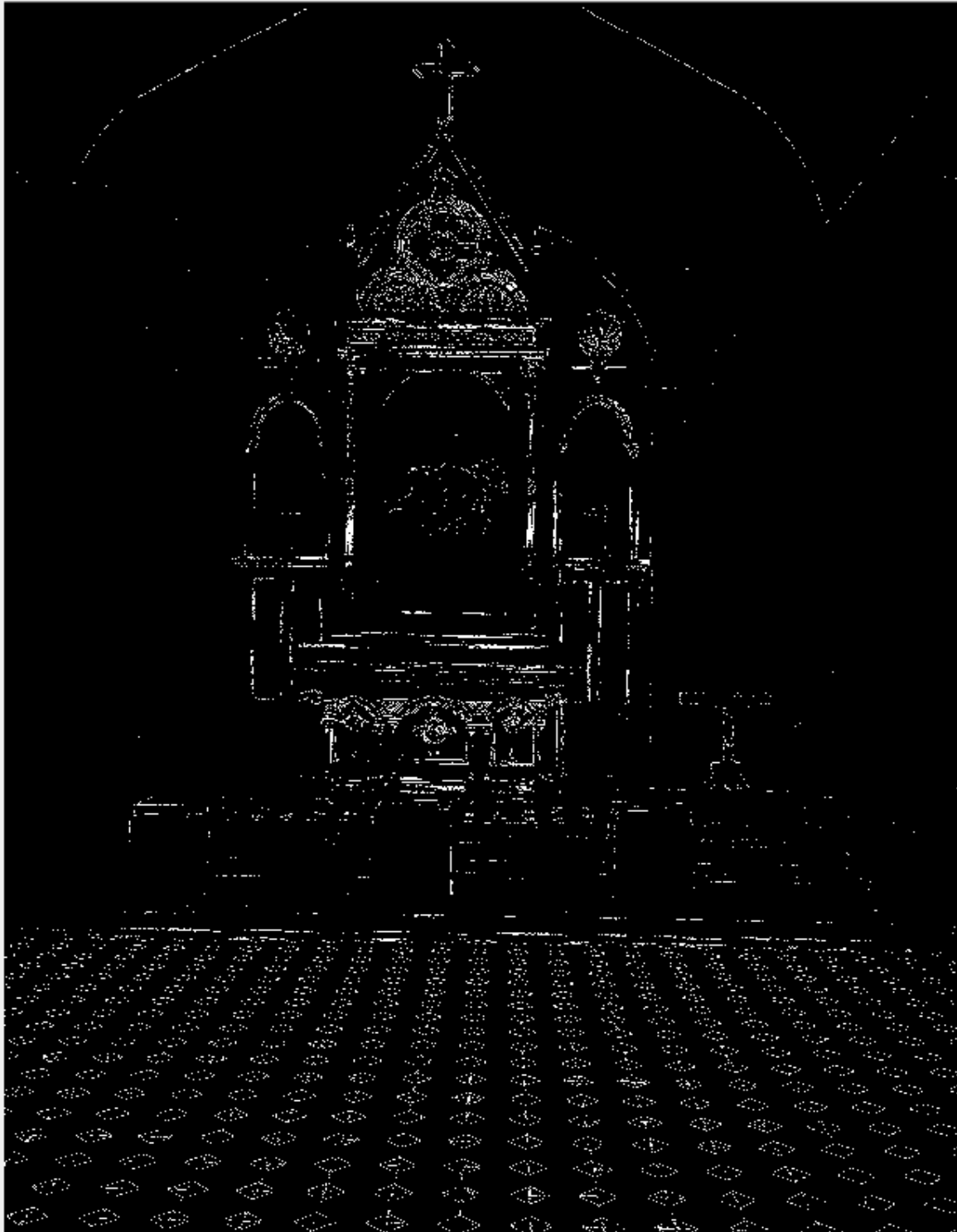







capilla GrayScale Sobel

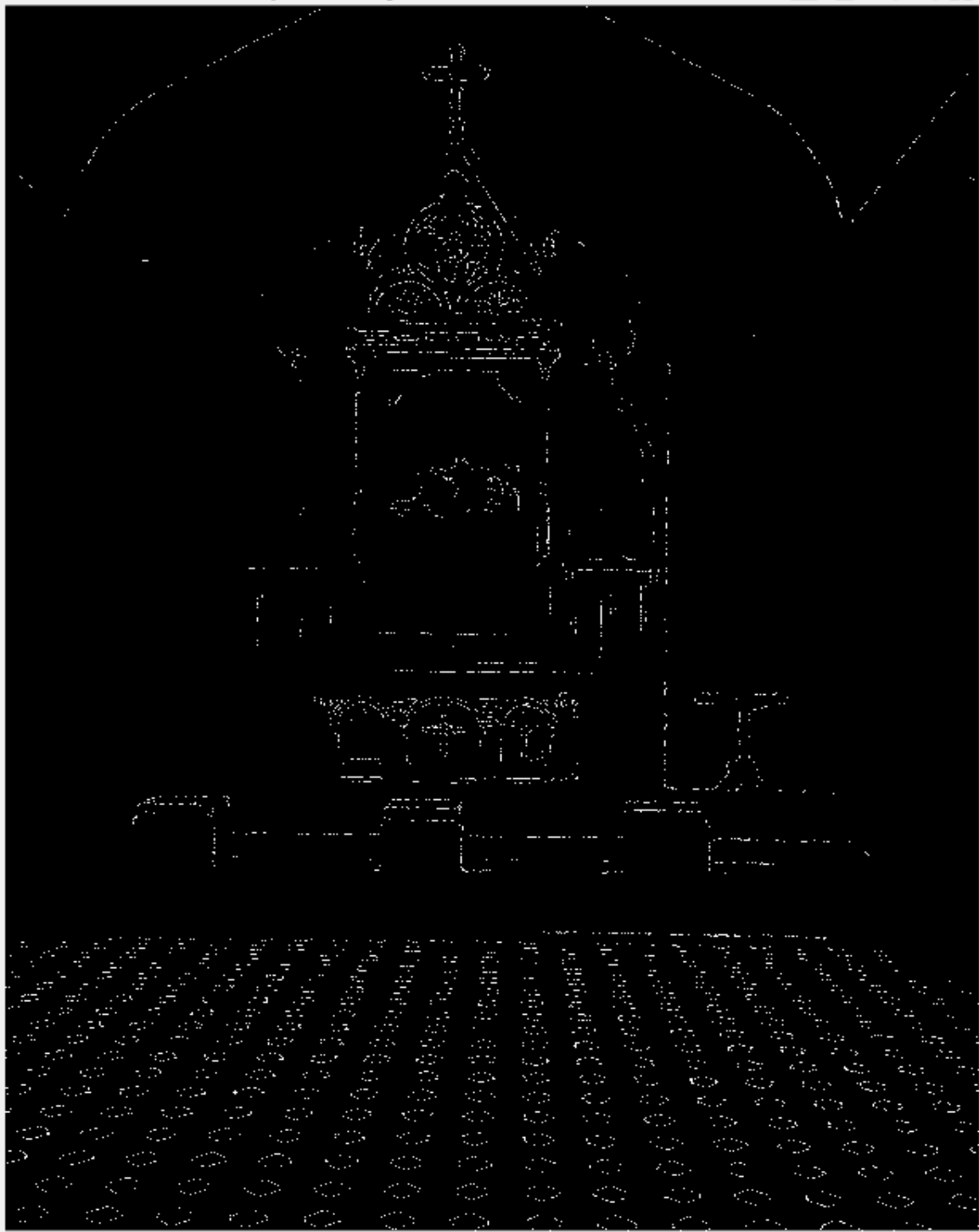


capilla GrayScale Canny

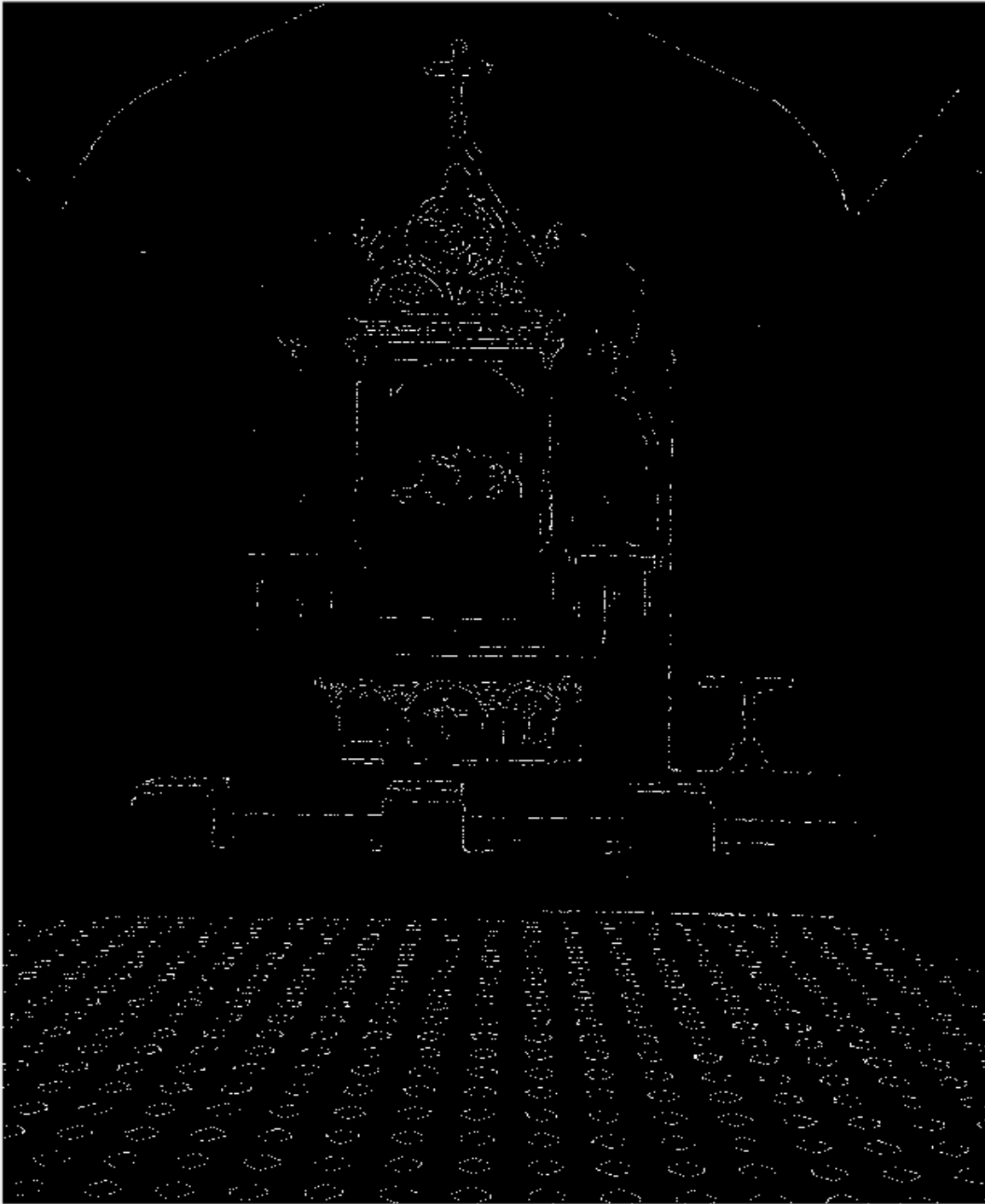




capilla GrayScale Gauss 5 sd Prewitt      



capilla GrayScale Gauss 5 sd Sobel



capilla GrayScale Gauss 5 sd Canny



