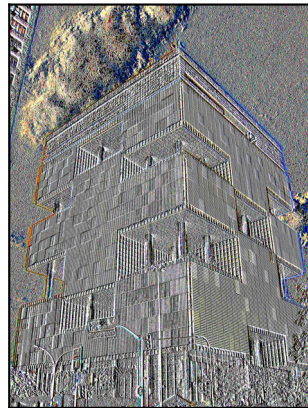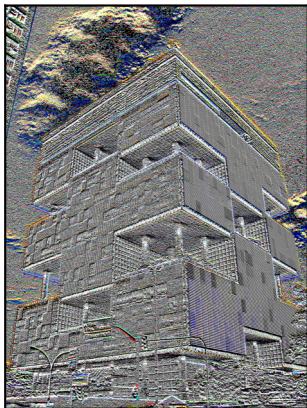Original

Sobel X

Sobel Y

Canny