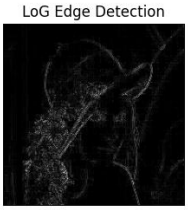
Sobel Edge Detection

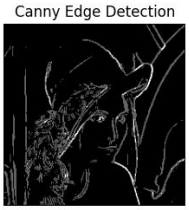
Prewitt Edge Detection

Robert Edge Detection

LoG Edge Detection



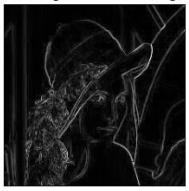
Canny Edge Detection



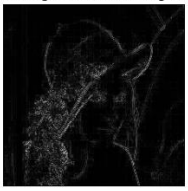
Sobel Edge Detection Negative

Prewitt Edge Detection Negative

Robert Edge Detection Negative



LoG Edge Detection Negative



Canny Edge Detection Negative

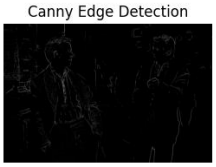
Sobel Edge Detection

Prewitt Edge Detection

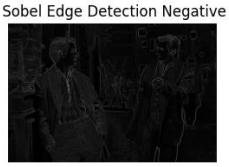
Robert Edge Detection

LoG Edge Detection

Canny Edge Detection



Sobel Edge Detection Negative

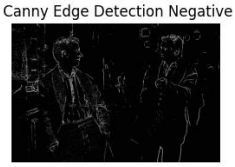


Prewitt Edge Detection Negative

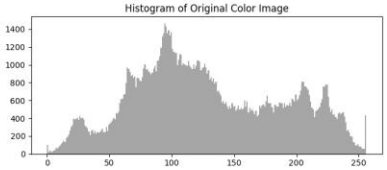
Robert Edge Detection Negative

LoG Edge Detection Negative

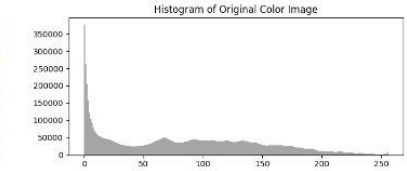
Canny Edge Detection Negative



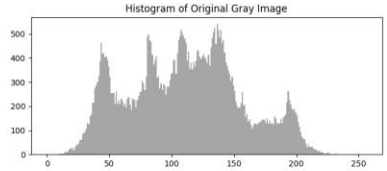
Original Color Image


Histogram of Original Color Image

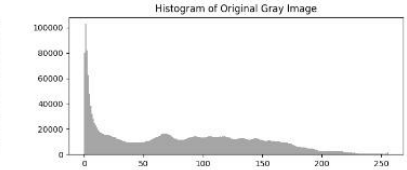
Original Color Image


Histogram of Original Color Image

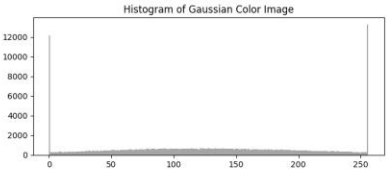
Original Gray Image


Histogram of Original Gray Image

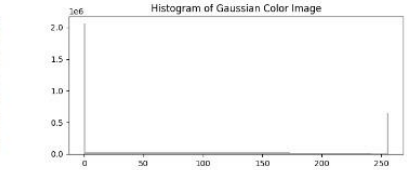
Original Gray Image


Histogram of Original Gray Image

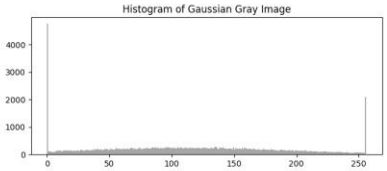
Gaussian Color Image


Histogram of Gaussian Color Image

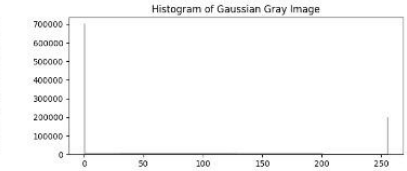
Gaussian Color Image


Histogram of Gaussian Color Image

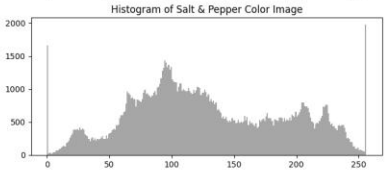
Gaussian Gray Image


Histogram of Gaussian Gray Image

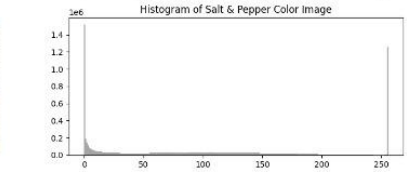
Gaussian Gray Image


Histogram of Gaussian Gray Image

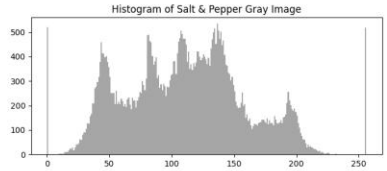
Salt & Pepper Color Image


Histogram of Salt & Pepper Color Image

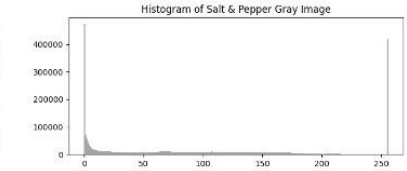
Salt & Pepper Color Image


Histogram of Salt & Pepper Color Image

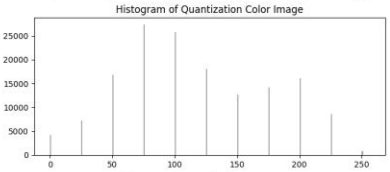
Salt & Pepper Gray Image


Histogram of Salt & Pepper Gray Image

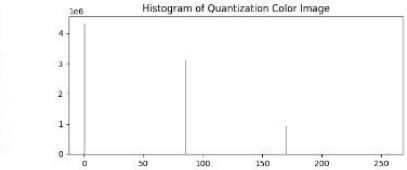
Salt & Pepper Gray Image


Histogram of Salt & Pepper Gray Image

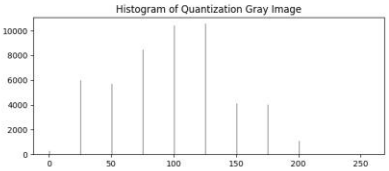
Quantization Color Image


Histogram of Quantization Color Image

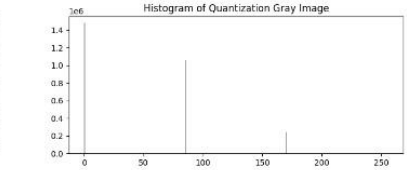
Quantization Color Image


Histogram of Quantization Color Image

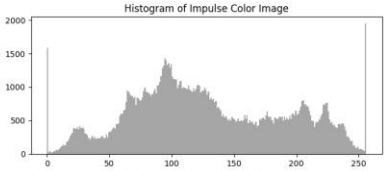
Quantization Gray Image


Histogram of Quantization Gray Image

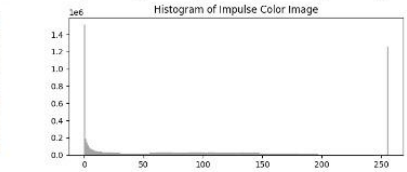
Quantization Gray Image


Histogram of Quantization Gray Image

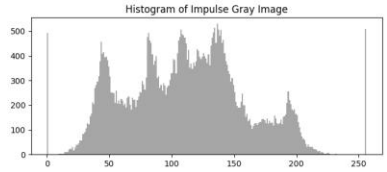
Impulse Color Image


Histogram of Impulse Color Image

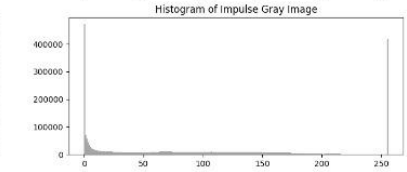
Impulse Color Image


Histogram of Impulse Color Image

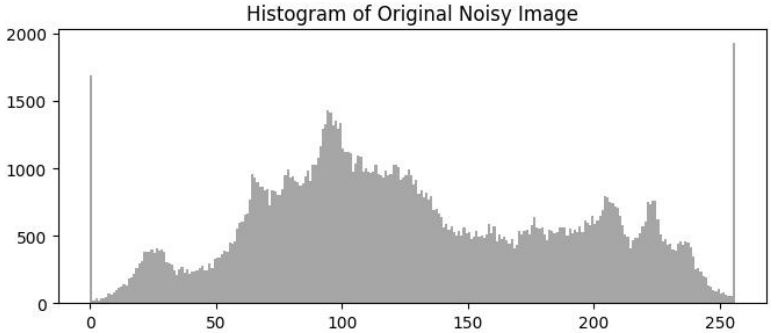
Impulse Gray Image


Histogram of Impulse Gray Image

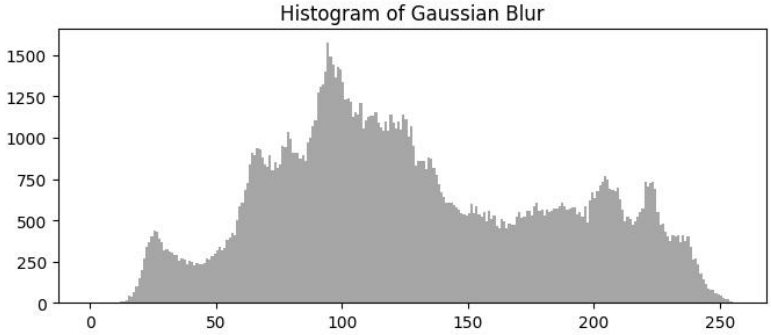
Impulse Gray Image


Histogram of Impulse Gray Image

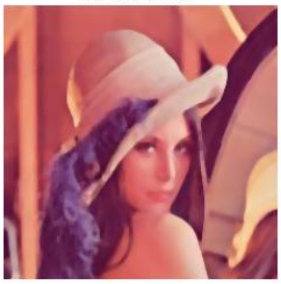
Original Noisy Image

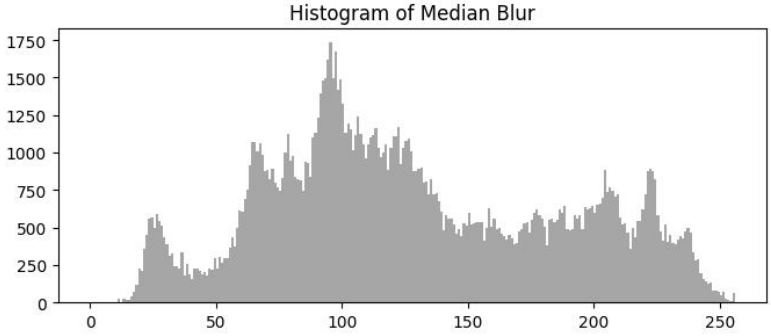


Gaussian Blur

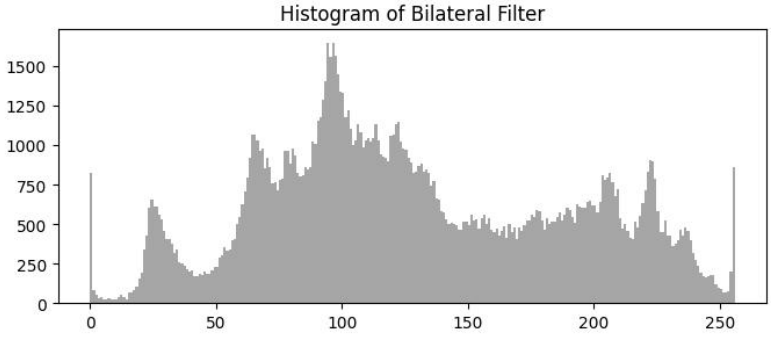


Median Blur

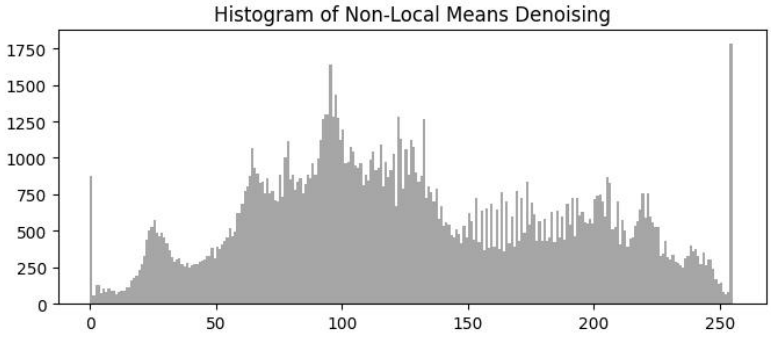




Bilateral Filter

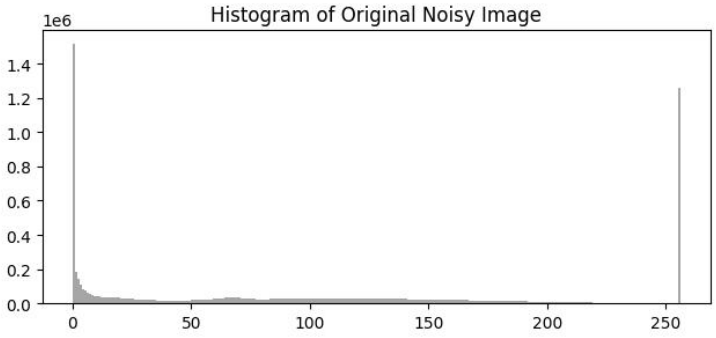


Non-Local Means Denoising



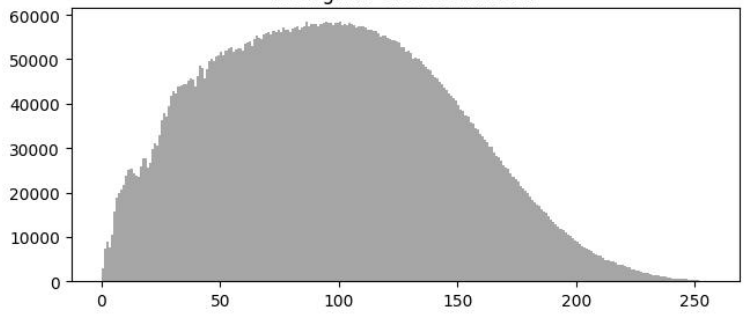
Original Noisy Image

Histogram of Original Noisy Image



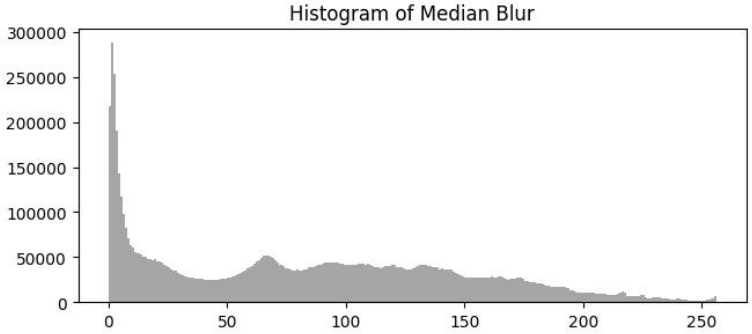
Gaussian Blur

Histogram of Gaussian Blur



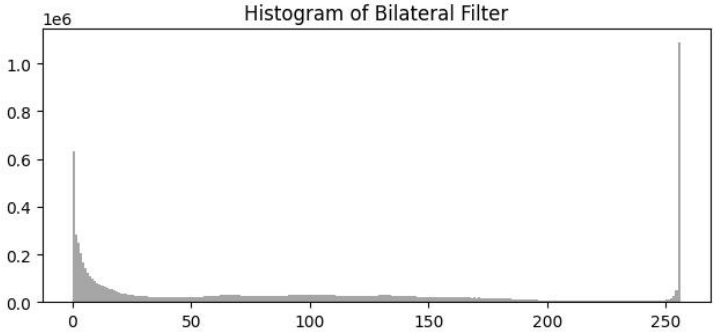
Median Blur

Histogram of Median Blur

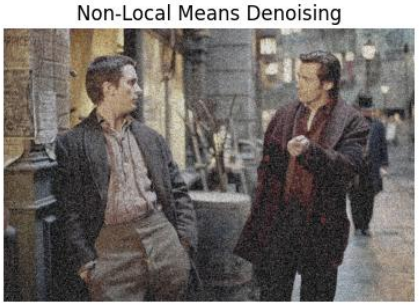
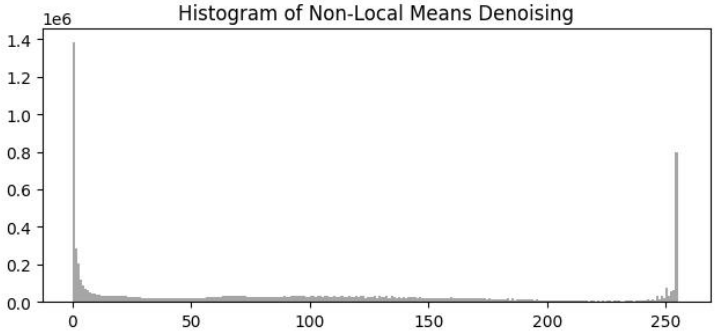


Bilateral Filter

Histogram of Bilateral Filter



Non-Local Means Denoising



Histogram of Non-Local Means Denoising