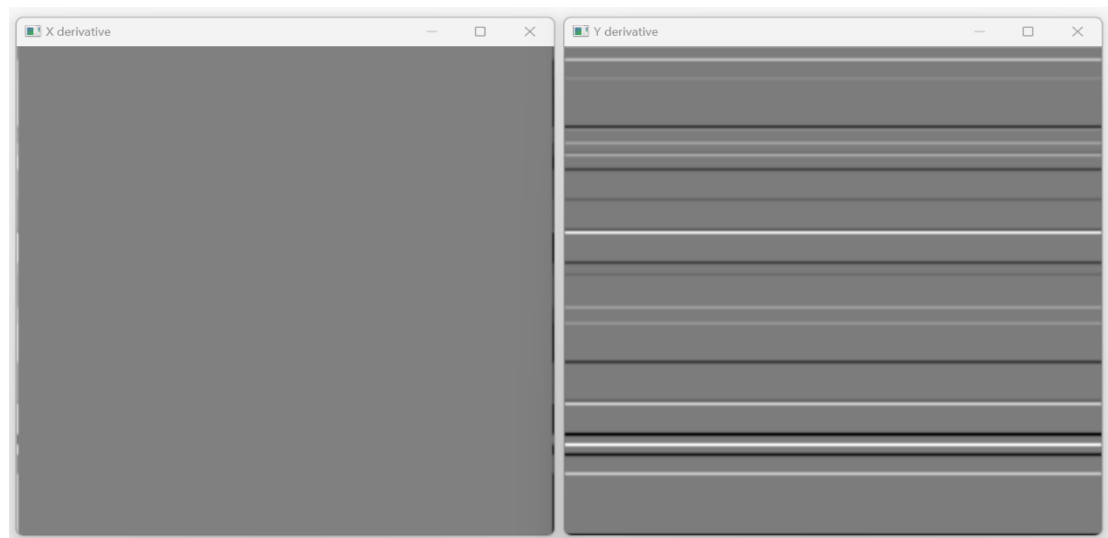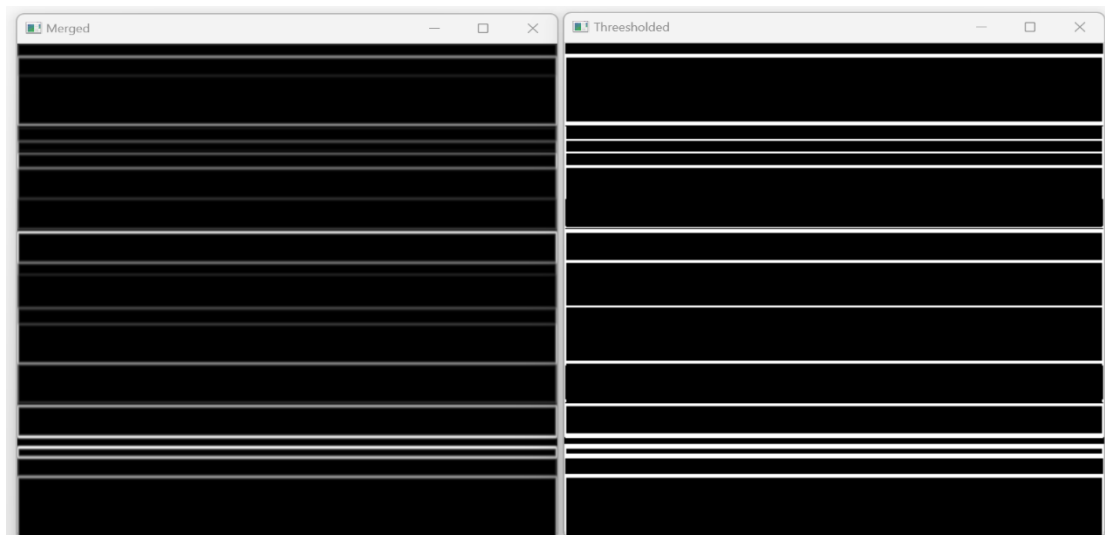**Fig-1:** Input and Blurred image using Gaussian (5x5) kernel

Fig-2: Image After applying derivative-x (left) and derivate-y(right)

Fig-3: Merged, and threshold image using global threshold