

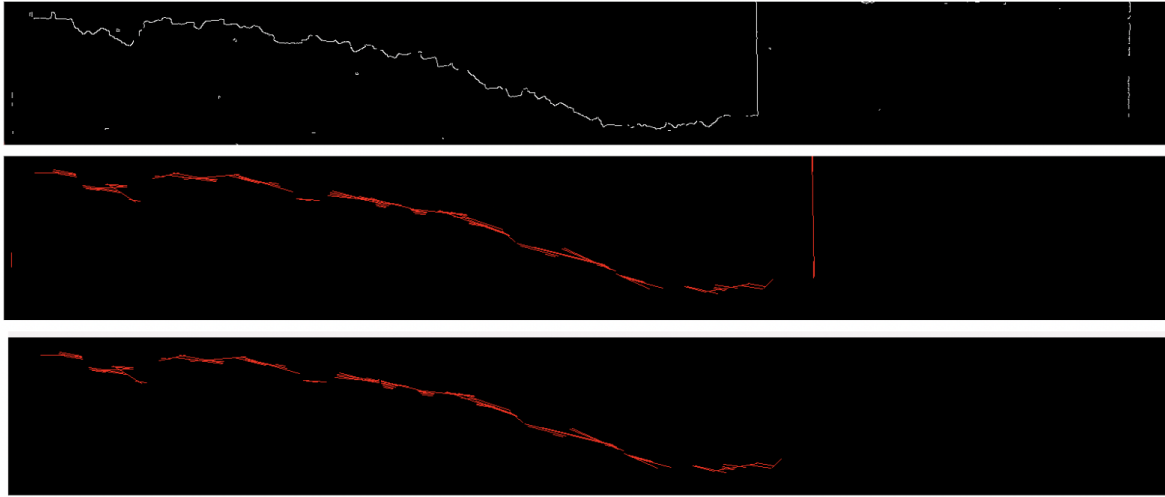
Individual Image Analysis

Edge Detection Process Results:

1st Image Canny Detection

2nd Image HoughTransform Detection

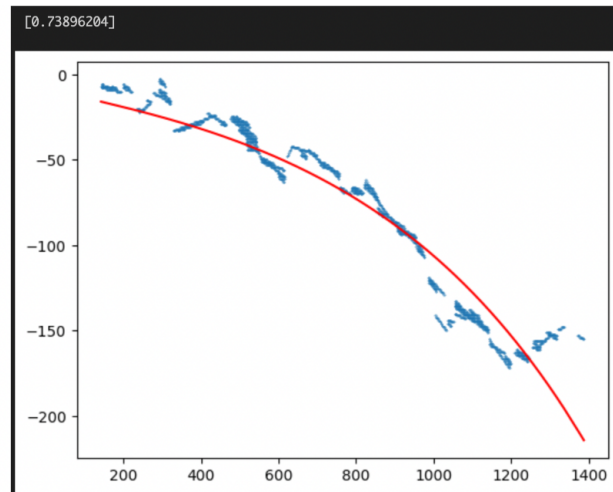
3rd Image Remove Vertical Line (removing noise)



Curve Fitting Process Results: (using scipy library)

1st Image Curve Fit to Equation (& calculate mu value after curve fitting)

$$H(x) = \frac{-H_L}{2\bar{W}\left(-\frac{1}{2}e^{-\mu_0\frac{(L-x)}{\bar{W}}}-\frac{1}{2}\right)}$$



The algorithm is set to iterate through 100 images and find the mu for every 100 in a tiff of over 1000 images

The outcome for each tiff file of tiff images is a csv file recording [Image number, mu value] and a graph plotting those values