**Assignment 2: Canny Edge Detection**

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# Experience:

It was a good and refreshing experience to play with images and having to extract information from them.

It was also nice to implement state of the art edge detection algorithm.

I have learnt that one should try to implement from scratch so that he can grasp the basic idea.

# Findings:

I found that information is lost if keep on increasing sigma.

I have also found that smoothing produces thick edges.

I have also found that choosing a right threshold can give you desired information e.g.

If you want to look for sharp change areas you may want to keep Th high but to find small details Tl must be low.

I have also found that broken edges should be connected after running hysteresis thresholding.