1. **SUMMARY**

This Word document is the report for Project 1. Included alongside it in the Canvas submission are MATLAB scripts for analysis and figure generation.

TBD

1. **BASUC TEMPORAL FILTERING**

TBD

Text here

* 1. **Simple Filter**

TBD

Frame 32. Threshold of 1-sigma from median.

A group of people in a room

Description automatically generated with low confidence

*Figure X.* Description here

Text here

Frame 32. Adjusted mask. Threshold only positive direction.

A picture containing chart

Description automatically generated

*Figure X.* Description here

Frame 185. Flicker noise.

Chart

Description automatically generated

*Figure X.* Description here

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* 1. **1D Derivative of Gaussian**

TBD

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1. **2D SPATIAL SMOOTHING**
2. **THRESHOLD VALUE**
3. **CONCLUSION**