

CSE/EE 576 PROJECT 2
FEATURE DETECTION, DESCRIPTION AND MATCHING

Name:

1. Introduction

What is the objective of the project here

2. Feature detection, descriptor and matching

Explain your design choices and how you implemented your feature detector, descriptor and matching.

3. Experiments

Describe your experiments

Analyze the performance of your feature descriptor and feature matching methods on the benchmark images.

You should have a performance comparison between the simple descriptor, the advanced descriptor and the SIFT descriptor (provided) using the ratio threshold feature matching method.

Show some images of matching.

Use graphs or tables to show the result in terms of pixel errors or percentage of correct matches, or any other ways you think is suitable for the methods you have implemented.

4. Extra Credits

Describe any extras and their results.