Image Processing

ECE 4367 / ECE 5367
Fall 2018

Project 3

You are to investigate the efficacy of utilizing Scale-Invariant Feature Transform (SIFT) in hand-written digit recognition. You may download and use the implementation available from VLFeat.org (http://www.vlfeat.org/index.html).

Form a group with two other students and turn in a single project for the group.

Each group will be asked to demonstrate its approach starting with the acquisition of the image of a hand-written digit and ending with the recognition of that symbol.

In addition to the code, each group will also generate a single document that includes
- list of assumptions
- algorithm pipeline
- brief description of contribution of each group member
- list of references

Archive your files (zip only) into a single file named lastname1_lastname2_lastname3.zip and upload to Blackboard on or before November 2.