

CSci 6270
Computational Vision,
Fall Semester, 2019
Extra Graduate Student Homework
Due: Thursday, December 12, 5 pm

This assignment is only for students enrolled in the graduate version of the course, CSCI 6270. It is worth 50 points toward your homework grade.

Your assignment is to read, summarize and evaluate one paper from the computer vision research literature. The paper must be taken from a top quality conference such as CVPR, ECCV, ICCV or WACV, or it must be taken from a top quality journal such as CVIU, IJCV, MVA, Pattern Recognition or T-PAMI. If you are unsure of your choice you may ask me.

Your write-up must address the following specific items:

1. Citation and URL so that I can find the paper.
2. Problem definition: what problem are the authors trying to solve?
3. Core idea: what is the main new and novel idea or technique introduced in the paper?
4. Summarize the algorithm and learning technique.
5. What data sets are used in the experiments?
6. Summarize the experimental protocol and results.
7. What are the strengths and weaknesses of the paper?

Your writeup should be no more than two pages long, single-spaced and 11 point font. Shorter is fine (believe me!) if you make your points clearly.

Do not copy phrases or sentences from the paper. This must be in your own words.