

Presentation rubric

Name(s):

Item	Score	Weight	Grade
Overall: The video motivates the topic and develops a main idea. It is focused and does not contain confusing details or exposition.	0 1 2 3 4 5	3	
Introduction: the beginning clearly explains what the rest of the video is about.	0 1 2 3 4 5	1	
Proof(s): the main ideas of at least one proof should be explained (possibly with some details omitted)	0 1 2 3 4 5	2	
Example(s): at least one example should be explained in detail; it should be nontrivial and illustrate a concept	0 1 2 3 4 5	2	
Text is readable and voice is understandable	0 1 2 3 4 5	1	
Organization: the video is organized in a logical order	0 1 2 3 4 5	1	
Rigor: all definitions and theorems are stated clearly and correctly	0 1 2 3 4 5	2	
Speed: The pacing is not too fast.	0 1 2 3 4 5	1	
Originality: the presentation is produced from your own understanding of the subject and is not a rewording of an existing source besides your final paper	0 1 2 3 4 5	2	

Formatting rules: If the presentation is too short (< 20 minutes), or too long (> 30 minutes) or there is a bad faith effort to increase its length (excessive pauses, etc.), we apply a penalty of -40% .

Video should be encoded in some standardized format, uploaded to your UCSD Google drive. Submit the link in a document through Gradescope.

You have the option of using your average homework score in place of doing a presentation. In that case, please submit a document saying “Use HW score” through Gradescope.

Total score: / 75

Key for score:

- (0) Completely missing
- (1) Weak: Needs heavy revisions
- (2) Developing: Need for revisions outweigh strengths
- (3) Middle: Strengths and needs for revisions are roughly equal
- (4) Competent: well-done but some revisions are necessary
- (5) Strong: demonstrates mastery and little to no revision needed

Tips:

- Surprisingly, the hardest part about the length is to stay under 30 minutes. You will see that it is difficult to not go over time. It helps to plan in advance what you will say and it may be necessary to redo the video.
- Writing out a lecture in real time is hard to do without experience. I highly recommend making slides (maybe with some light writing on it). If you want to make them with `latex`, I recommend using the `beamer` package. A good rule of thumb is 1 (full) slide for every 3 minutes. More than that and you are probably going too fast, which is a common mistake.
- You can use what I do in a single lecture as a model for what is expected. However, my lectures are typically 30-40 minutes long, but (with little exception) I go through every proof. You are not expected to do that, which makes up the difference.
- When explaining an example or proof, it is a good idea to go slower than you think you need to do.
- For creating the video itself, one option is to use Zoom's screenshare and recording feature. It is not necessary to create the video in one take (but it is simpler if you can do this). Avidemux is a simple to use and free video editor that can be used to concatenate videos and cut out parts. <http://avidemux.sourceforge.net/>
- For groups of 2, you can divide the labor however you see fit. In particular, you do not need to both speak.