

Math 446/546

Guide for the Project

Your final project is to improve Wikipedia's Numerical Analysis pages and report on what you did. Your project will be judged by the following criteria.

Presentation (30 points)

During the last week of class you will give a formal presentation in class on what you have done. Use the computer to present, only resorting to the chalkboard for unanticipated questions. Your talk must be a minimum of 5 minutes and a maximum of 10 minutes.

Math 546 students should be ready to talk on Monday 1 June.

Math 446 students should be ready to talk on Tuesday 2 June.

You will be given a sheet to comment on and rate each other's presentations.

Report (30 points)

Your final report is due Friday 5 June. It should document what you have done, and make the case that this is worthy of a good grade. Use your Good Problems skills. Make your report accessible to someone who has studied some Numerical Analysis, but not the particular topics in this class.

Improvements (40 points)

Math 446 Students I will judge how much your changes improved the Wikipedia page(s). Quality is more important than quantity, since low quality changes will probably be deleted by someone else. In particular, avoid changes that make the page worse by including incorrect or confusing statements. At minimum, your Wikipedia contribution should be equivalent to the amount of text on this project guide.

Math 546 Students You will be working on the Wikiversity page http://en.wikiversity.org/wiki/Numerical_Linear_Algebra

Please coordinate so that you work on different subtopics. You should not repeat information here that is already available in Wikipedia; instead it should just have a link. You can add:

- Quizzes, see <http://en.wikiversity.org/wiki/Help:Quiz>
- Exercises. You can hide answers by making it a fake quiz like

```
<quiz display=simple>
{Fake exercise. Press "submit" to see the solution}
|| solution to the exercise
</quiz>
```
- Sample code too detailed for Wikipedia.
- ??