

Your final project is to improve the Numerical Analysis pages on Wikiversity

[http://en.wikiversity.org/wiki/Topic:Numerical\\_analysis](http://en.wikiversity.org/wiki/Topic:Numerical_analysis).

The goal is to add learning material that would not be appropriate on Wikipedia, such as:

- long or detailed examples,
- exercises (which are basically examples with steps hidden),
- sample code, and
- quizzes.

We will start doing presentations on Wednesday 28 November and go in the order in which we covered topics in the class. I will start grading the reports and improvements (online) on Friday 7 December. Your project will be judged by the criteria below.

### **Report** (10 points)

Construct your final report on your user page using a copy of the template at [http://en.wikiversity.org/wiki/User:Mjmohio/Final\\_Report\\_Template](http://en.wikiversity.org/wiki/User:Mjmohio/Final_Report_Template)

The report motivates and documents what you have done. It does not contain your actual contributions.

### **Presentation** (20 points)

You will give a formal presentation in class on what you have done. Your talk must be a minimum of 5 minutes and a maximum of 10 minutes. Use the computer to present, only resorting to the chalkboard for un-anticipated questions. You can base your presentation on material on your user page or make separate slides. You will be given a sheet to comment on and rate each other's presentations.

### **Improvements** :

The main judgment of your work is the value you have added to Wikiversity.

#### **Quantity** (20 points)

There should be enough substance that it takes at least 10 minutes to read.

#### **Presentation Quality** (20 points)

The pages should be pleasant to read and use the appropriate good problems skills. I will look for proper Wiki formatting (sections, lists, links, equations, ...), *Flow*, *Logic*, *Symbols*, and (if you have a graph) *Graphs*.

#### **Content Quality** (30 points)

I will judge the content on correctness and usefulness for learning.

Note: Although mathematical ideas are in the public domain, the actual text of books and other resources is often copyrighted. You can read an example, be inspired by it, and construct your own similar example, but you cannot just copy it. Even if you changed things enough that you do not think you should put a reference on the Wikiversity page, you should still give a reference in your report.