Ph20.4 - Review: Unix Shell, Make Files, and Version Control

Cassidy Yang

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1 The Assignment - Part I
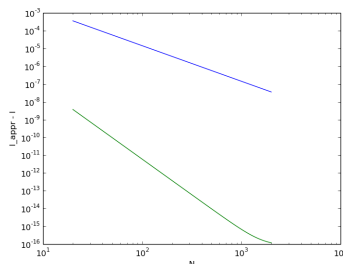
For this week's assignment, I created a `git` repository on github containing all the assignments for Ph20 thus far. The repository can be found at: `https://github.com/cyang94/ph20.git`.

This is my first time using a git repository, although it seems like a very useful tool for working on projects with other people. I have also included a log of edits made to the repository.

2 The Assignment - Part II

For this assignment, I am using the python code modules `lab1.py` and `lab2.py`, which are the python scripts written for the first two assignments. `lab1.py` generates $X(t)$, $Y(t)$, and $Z(t)$ outputs from the first assignment given the necessary input parameters. `lab2.py` generates a `.png` image of the convergence rates from the second assignment.

In the makefile, we call `lab1.py` with the arguments "1 1 1 1 0 0.1 100." We call `lab2.py`, which generates the following image of the convergence rates. The makefile also compiles and generates this pdf.

The makefile code is attached separately.