

Computational Physics Problem Set 1

John Ferrante

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My goals in this course are to become familiar with the main computational tools that are used in physics and to improve my programming abilities overall. My programming background mostly stems from my undergraduate research in high energy experimental physics. Most of my research work was done using the Linux command line, and I also used Python frequently to create scripts to make plots with the program ROOT, and C++ to a lesser extent. After completing my PhD, I am not sure what I would like to do, but think I would like to continue working in academia. My GitHub account is <https://github.com/jferrante25>

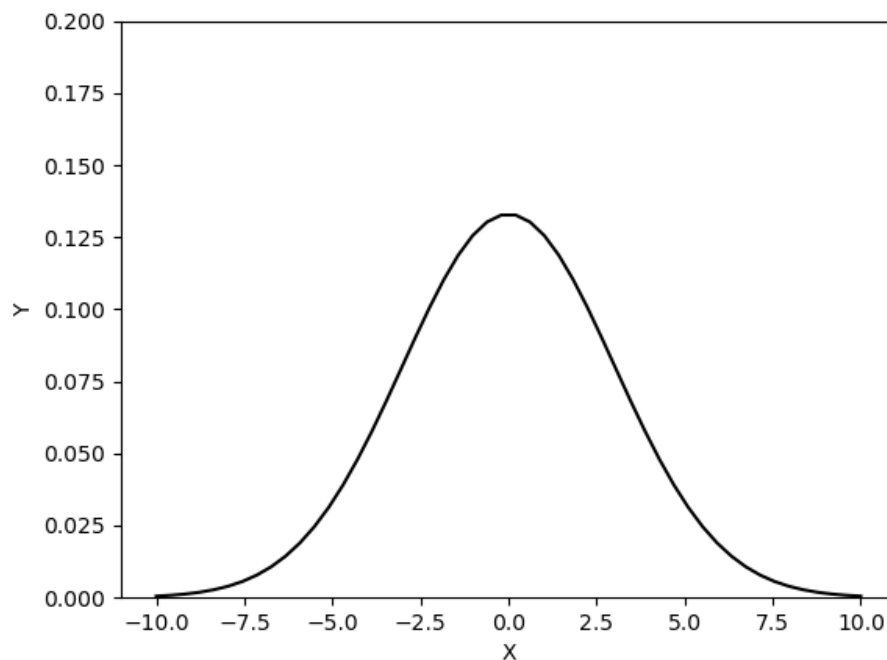


Figure 1: Gaussian distribution with mean = 0, standard deviation = 3