

Problem Set 1

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Introduction

I am double majoring in physics and computer science, so I am familiar with many concepts in computer science (regarding memory, algorithms, etc.). I am familiar with Python and Java, and I am learning C languages this semester. This class is a perfect fit for me since I am doing the double major, and my goal is to learn to solve physics problems and build physics models using computational methods while honing my programming skills. I am also very interested in and hope to learn more about chaotic systems. I plan to go to graduate school to study computer science and perhaps do some research related to physics.

My GitHub account: [ziqu-wang](#). Please find the Gaussian graph on the next page.

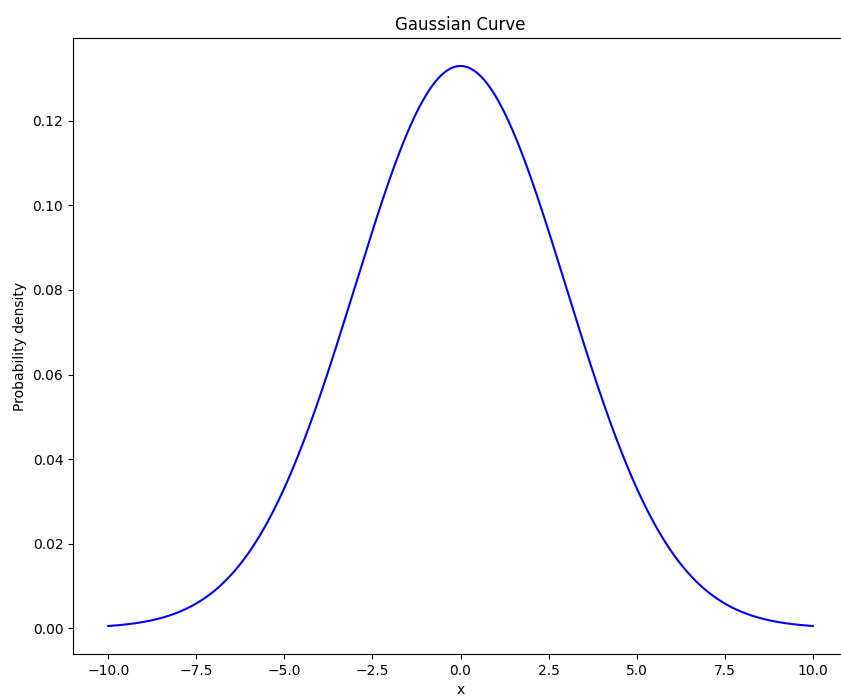


Figure 1: A Gaussian curve over the range $[-10, 10]$ with a mean of 0 and a standard deviation of 3.