Computational Physics / PHYS-GA 2000 / Problem Set 1

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1   Introduction

Having taken the undergraduate version of this course last year, which covered a similar syllabus, I hope to deepen my understanding of the concepts from a graduate perspective. My goal for this course is to strengthen my programming skill and to apply these techniques effectively in my research projects. As I intend to stay in academia after graduating, it is necessary to acquire correct and effective research methodologies from the very beginning. Please find my GitHub repository through this link (Account name: Sally8192).
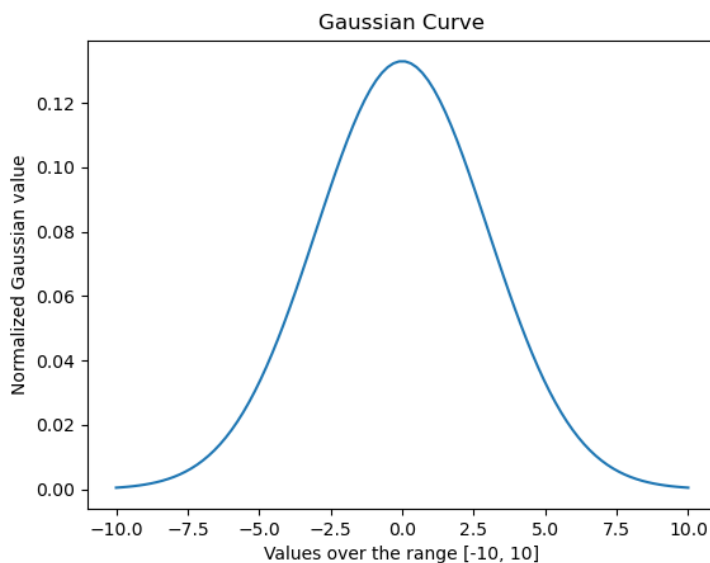
2   Results

Figure 1: Gaussian with zero mean and a standard deviation of 3 over the range $[\,-10,\,+10\,]$