Physics 4350 Computational Physics Problem Set #10

- 1. Calculate an approximate value for π using the algorithm of Buffon's needle as shown in class. Calculate the variance of the estimate for n=10³, 10⁵, 10⁶, 10⁷, and put these values, along with the estimated value for π , in a table.
- 2. Chapter 10, problem 13. Romberg integration problem.