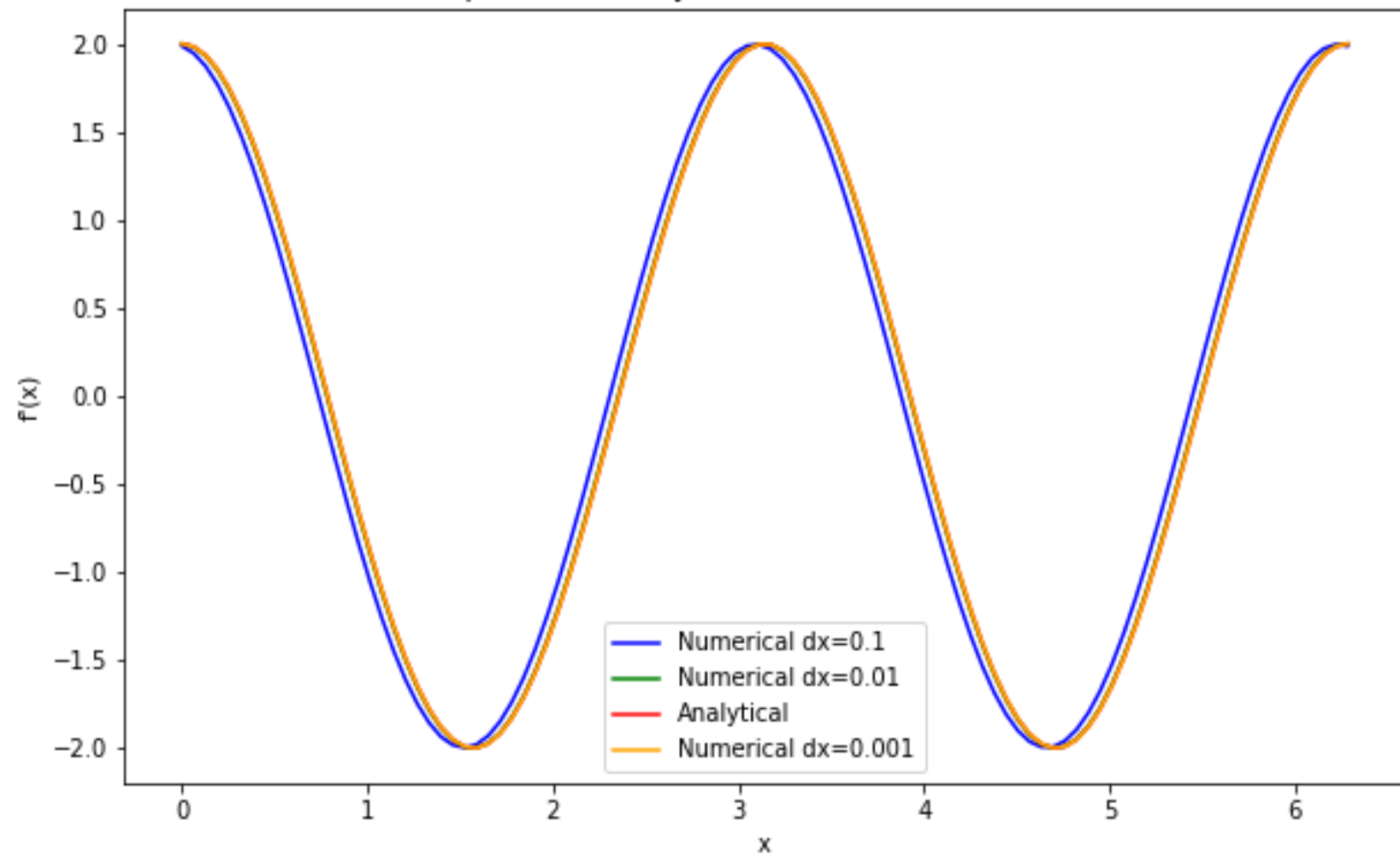
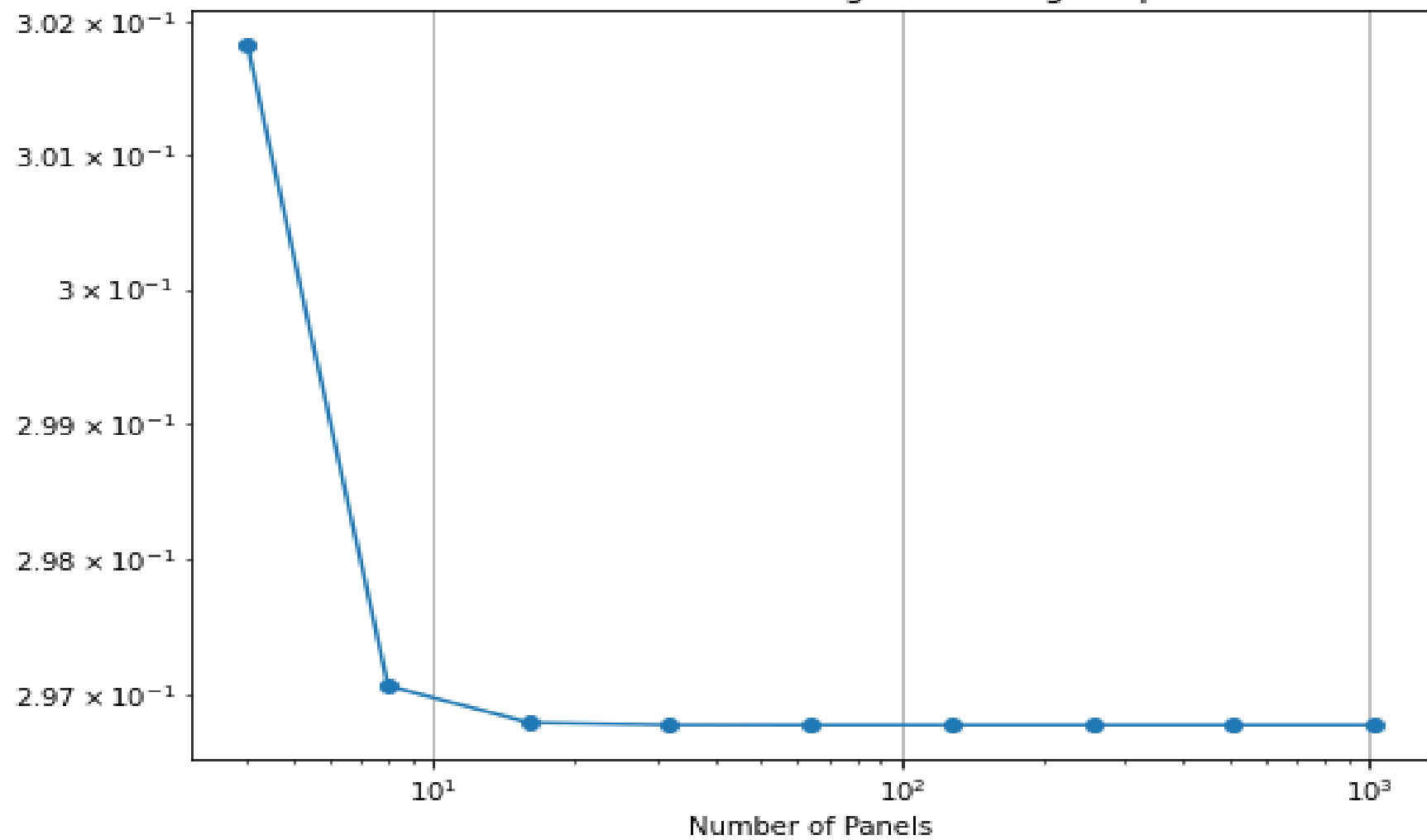


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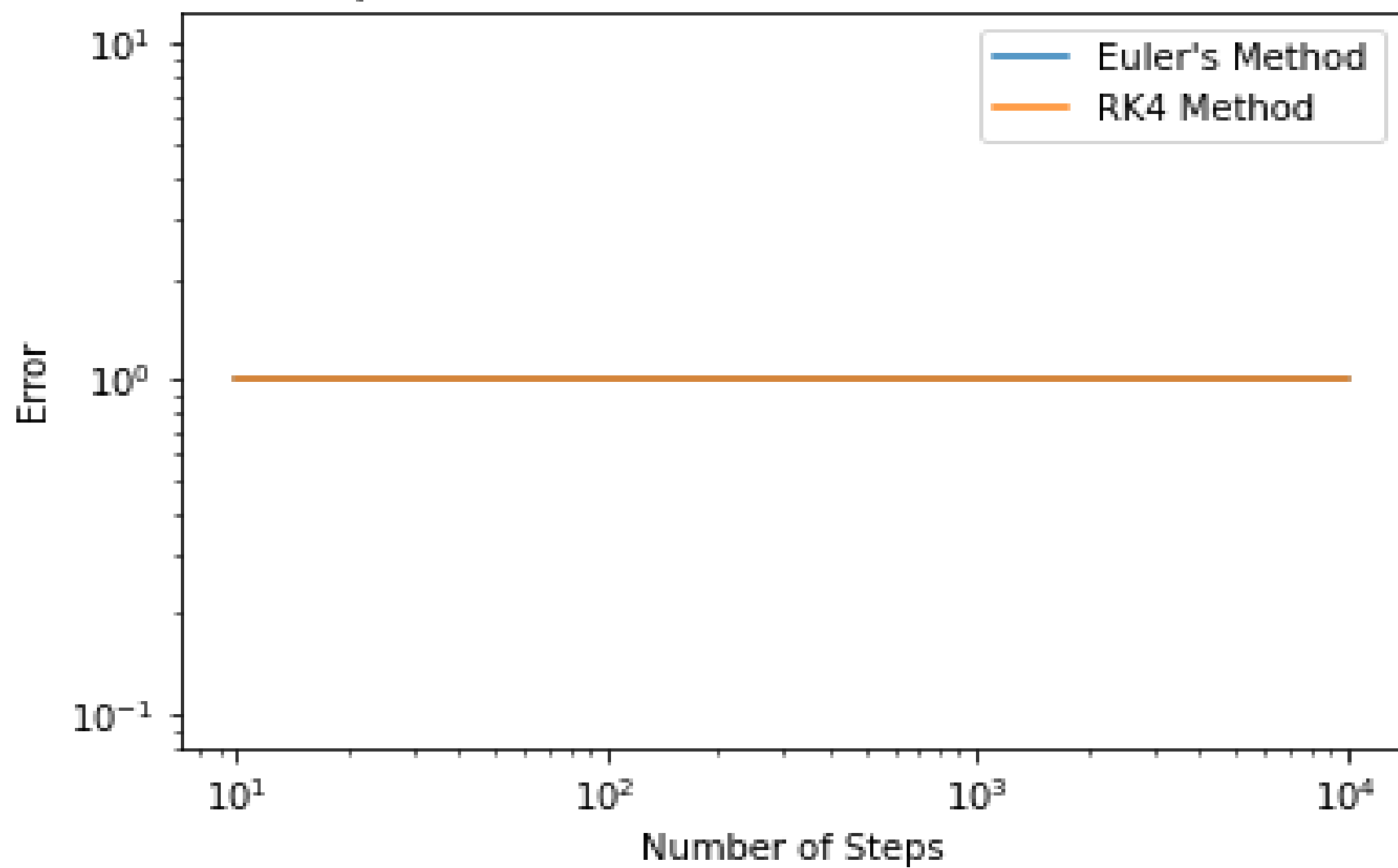
Comparison of Analytical and Numerical Derivatives



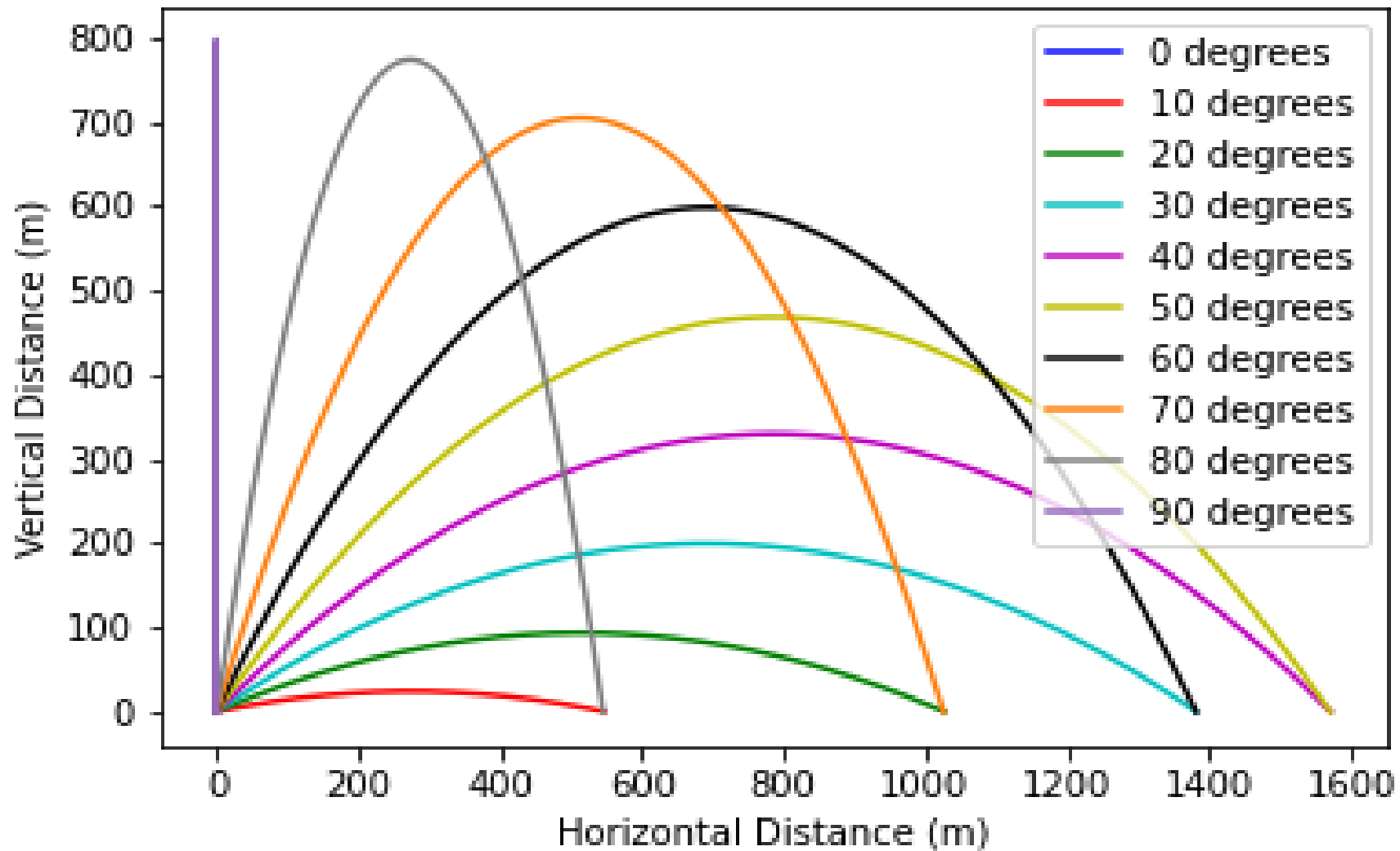
Fractional Error in Numerical Integration using Simpson's Rule



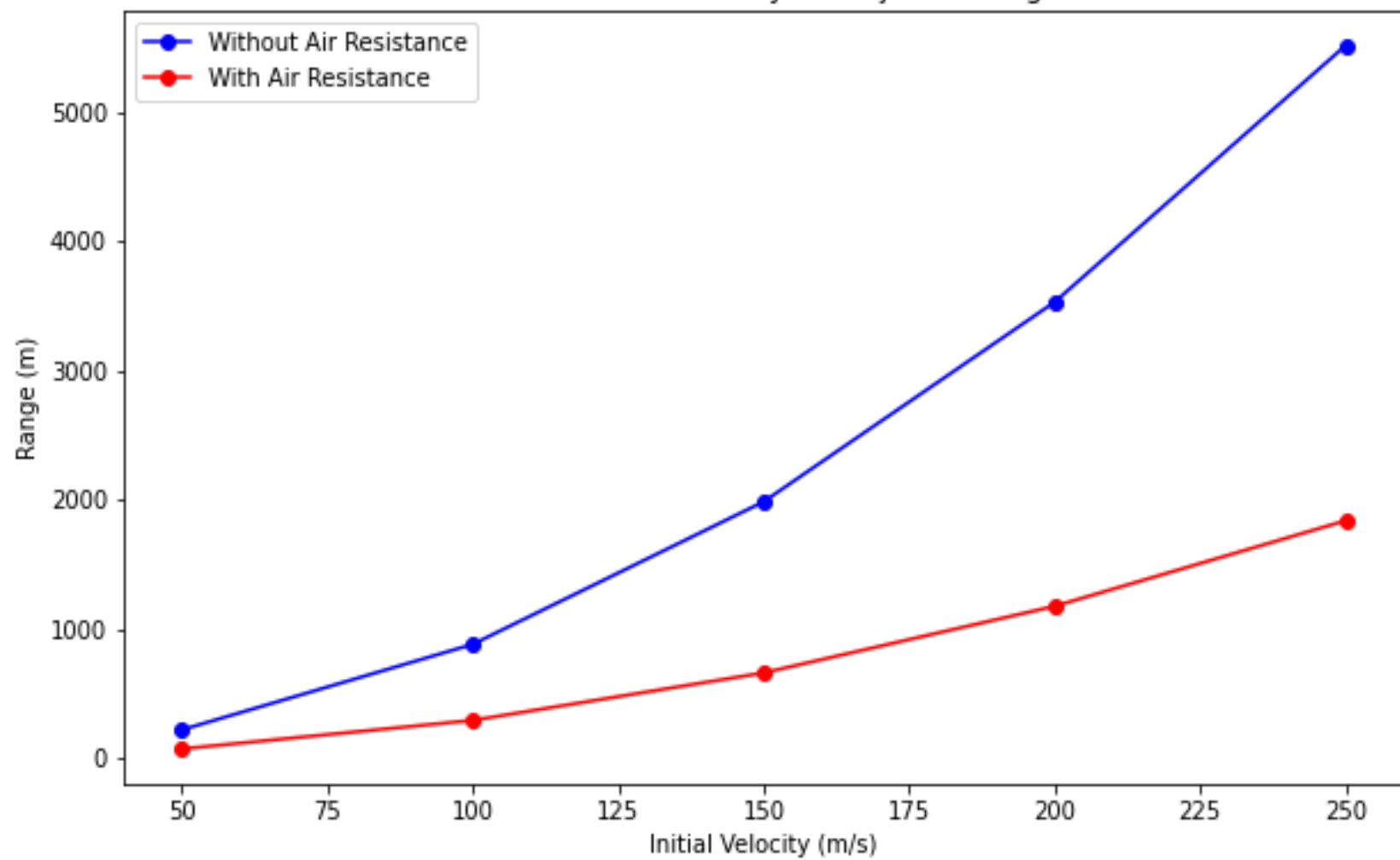
Comparison of Errors in Euler's and RK4 Methods



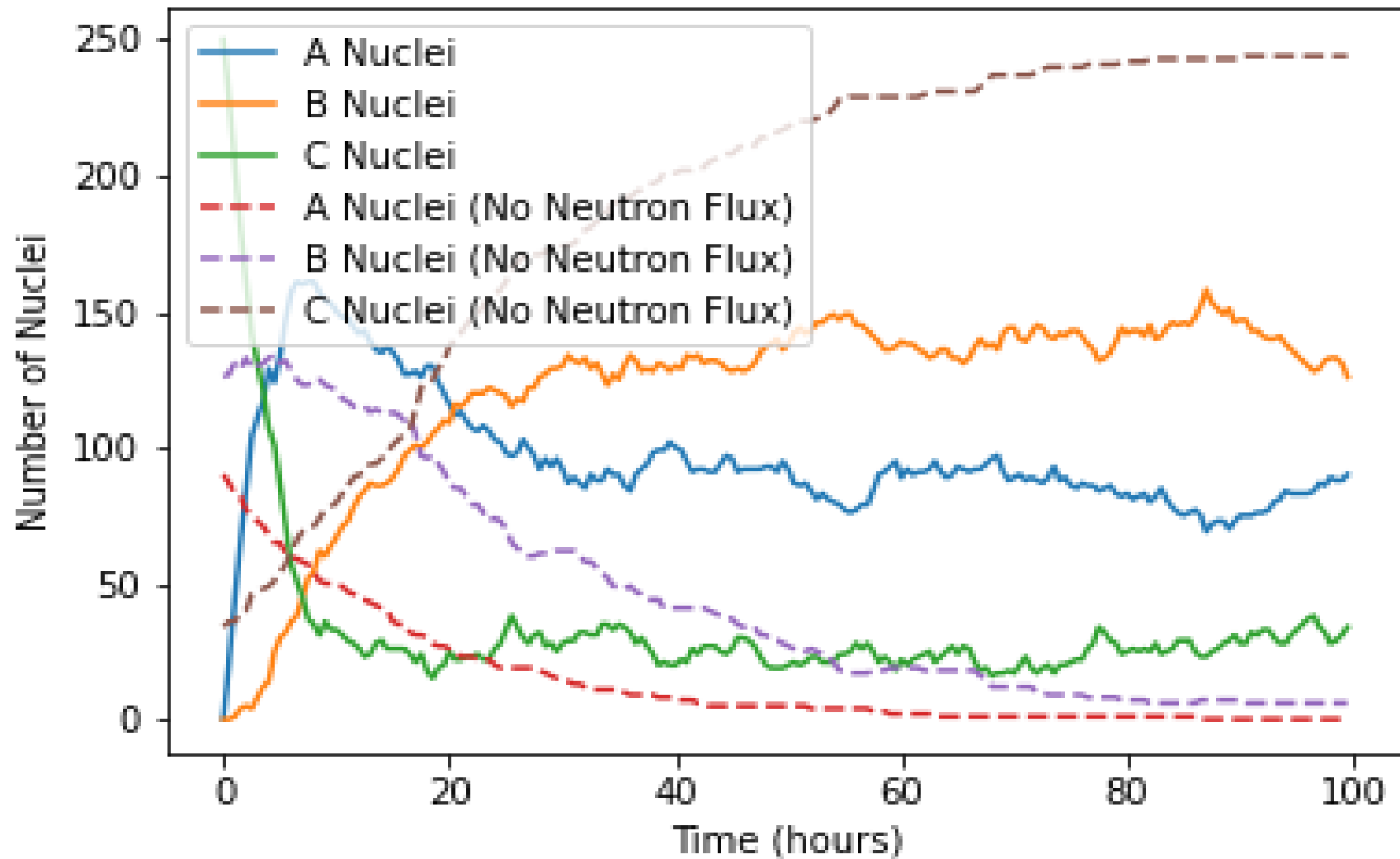
Trajectories of a Cannonball



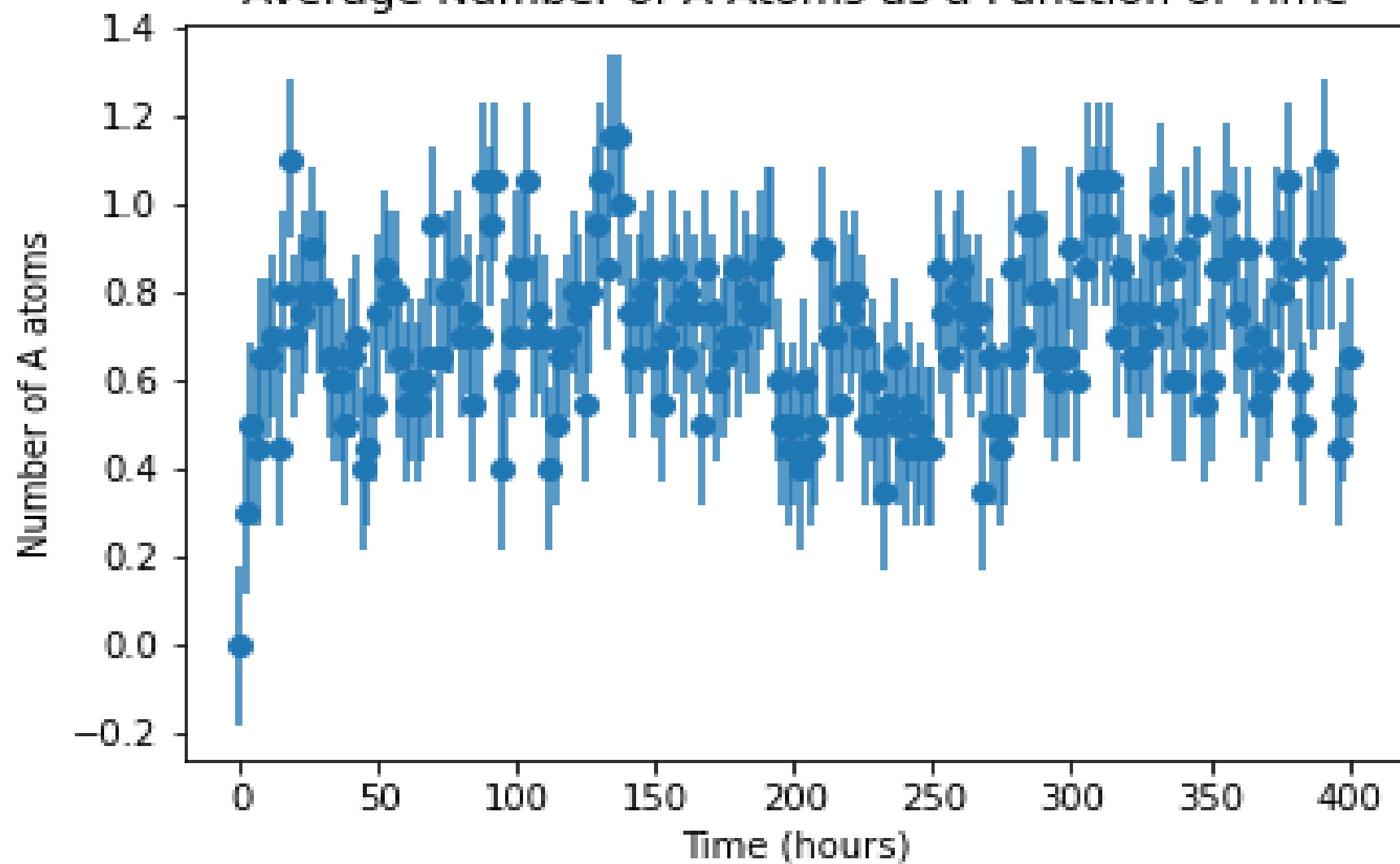
Effect of Initial Velocity on Projectile Range



Evolution of Nuclei Over Time

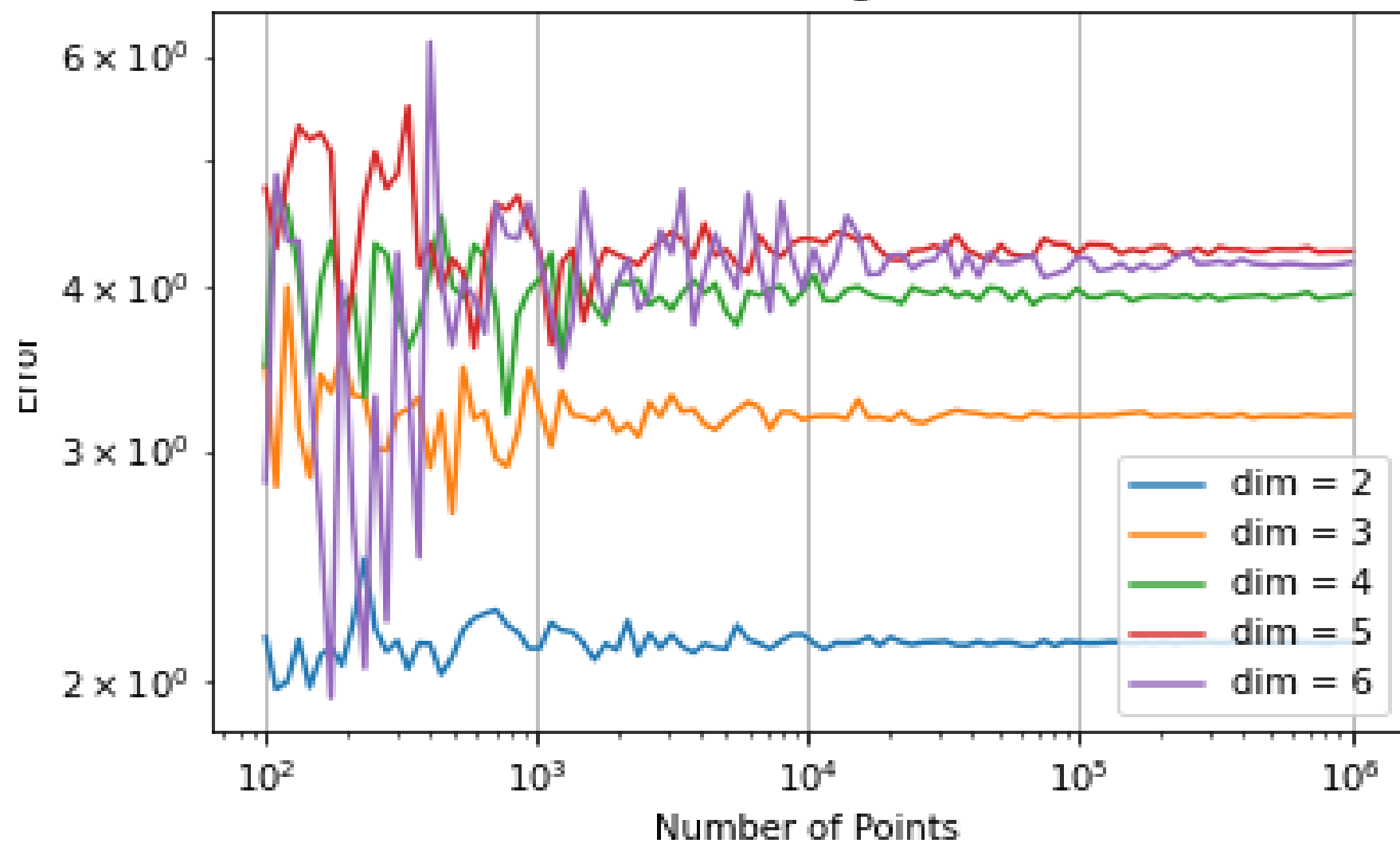


Average Number of A Atoms as a Function of Time

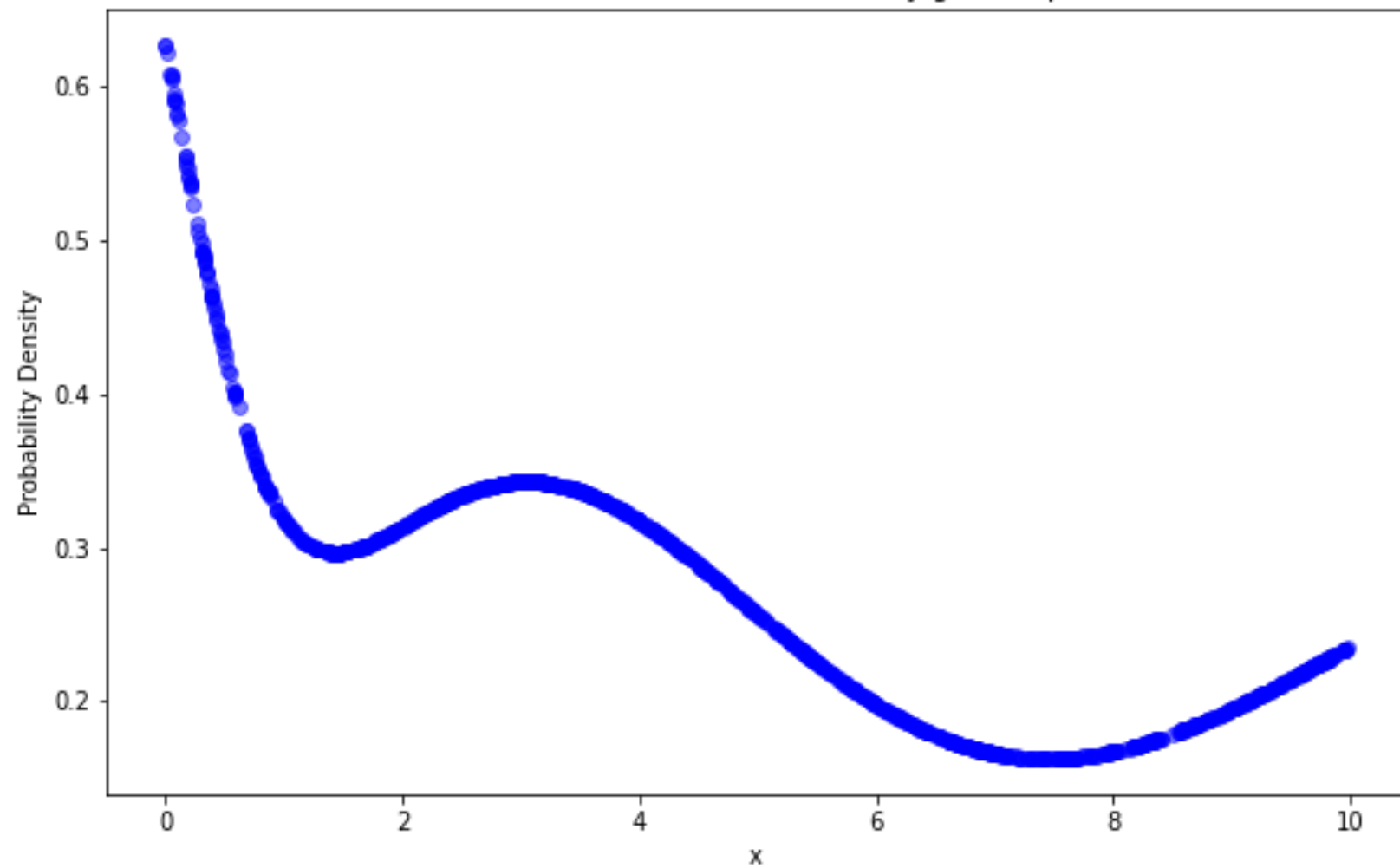




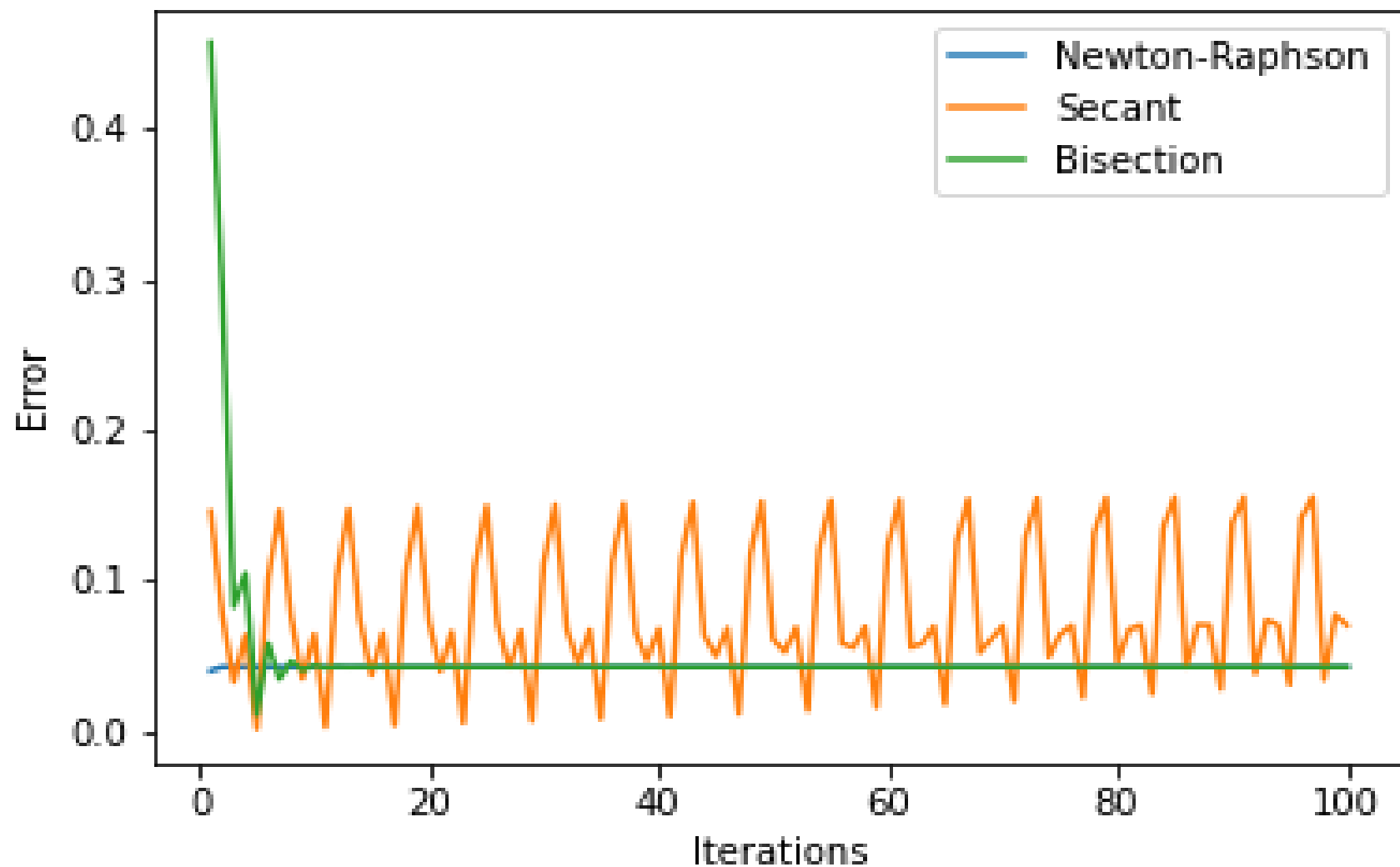
Monte Carlo Integration Error



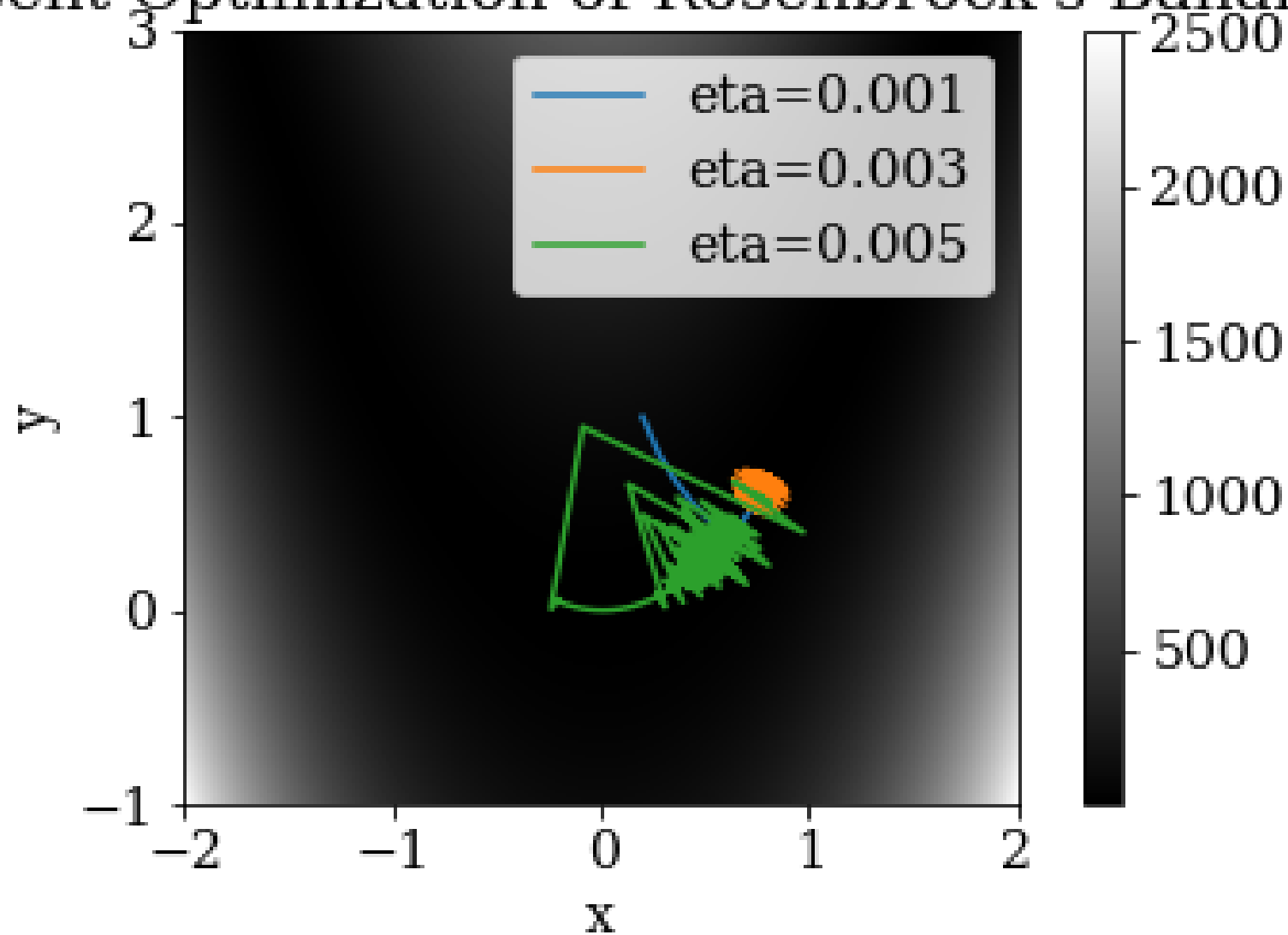
Distribution of Values Generated by genSample



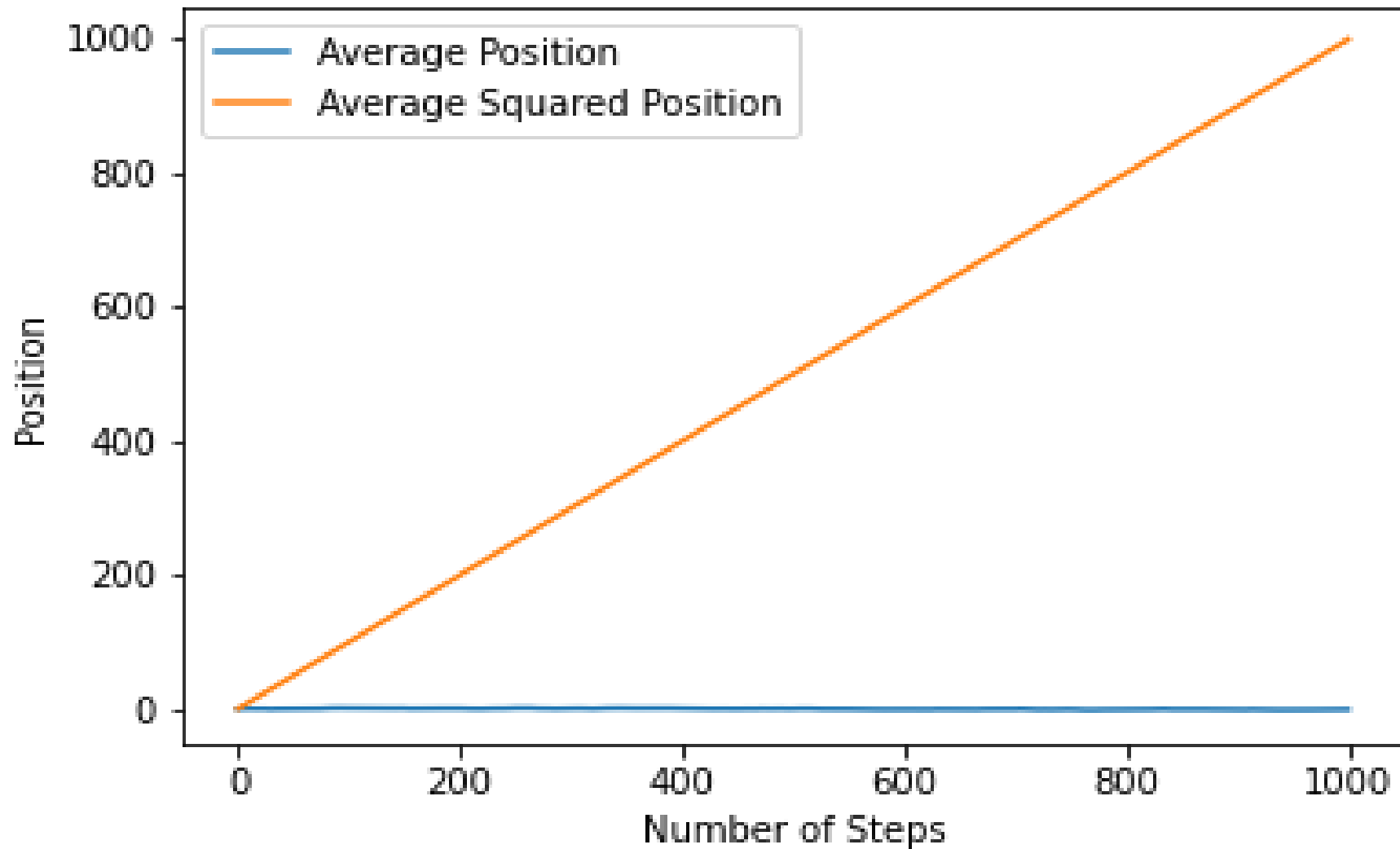
# Convergence of Root-Finding Methods



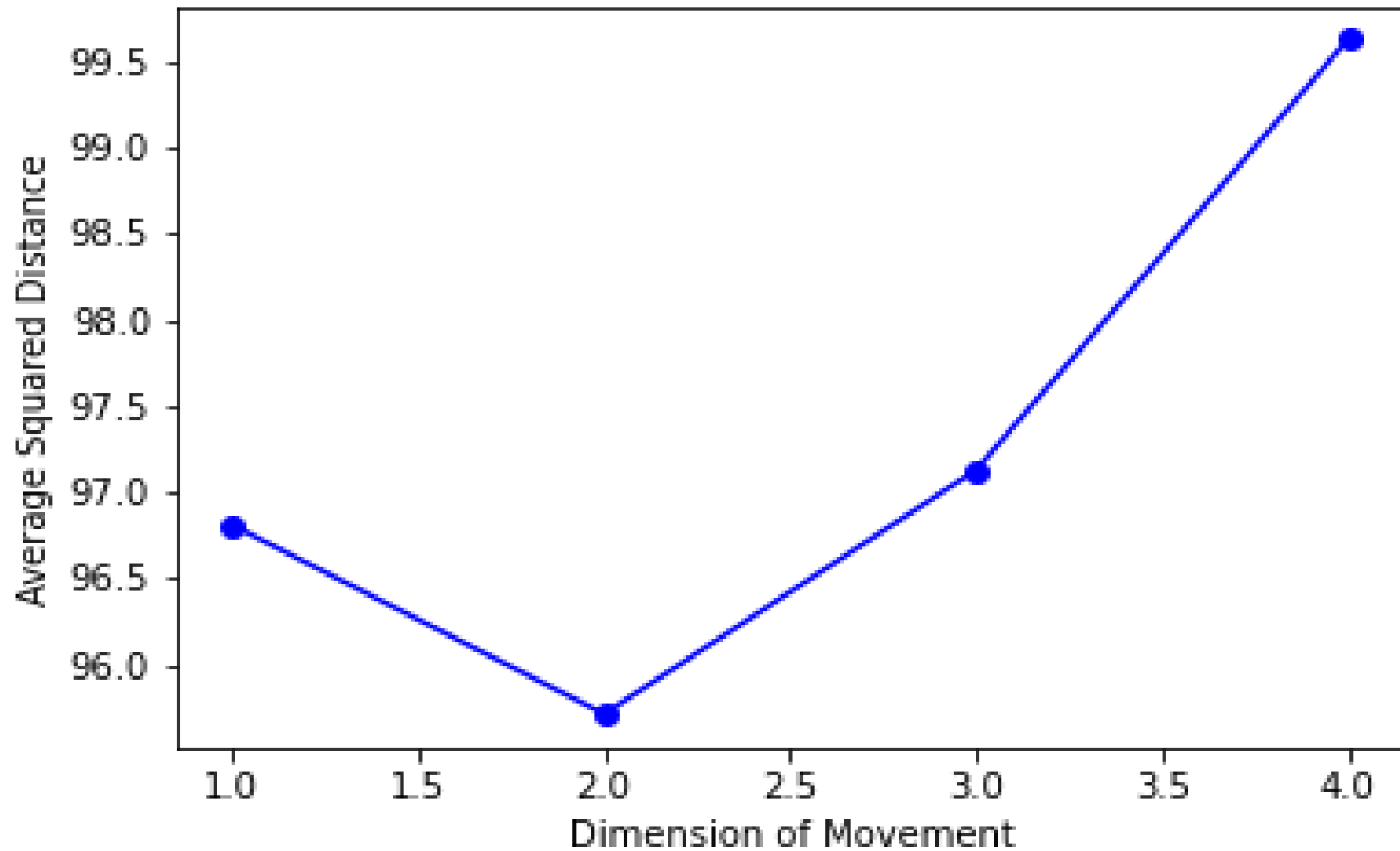
# Gradient Descent Optimization of Rosenbrock's Banana Function



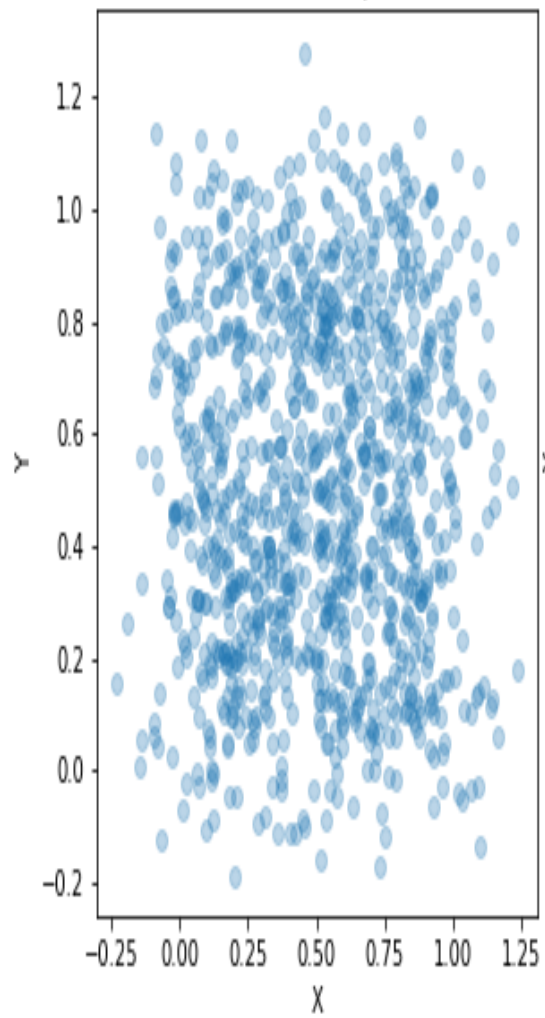
Average Position and Average Squared Position of 100 1D Walkers



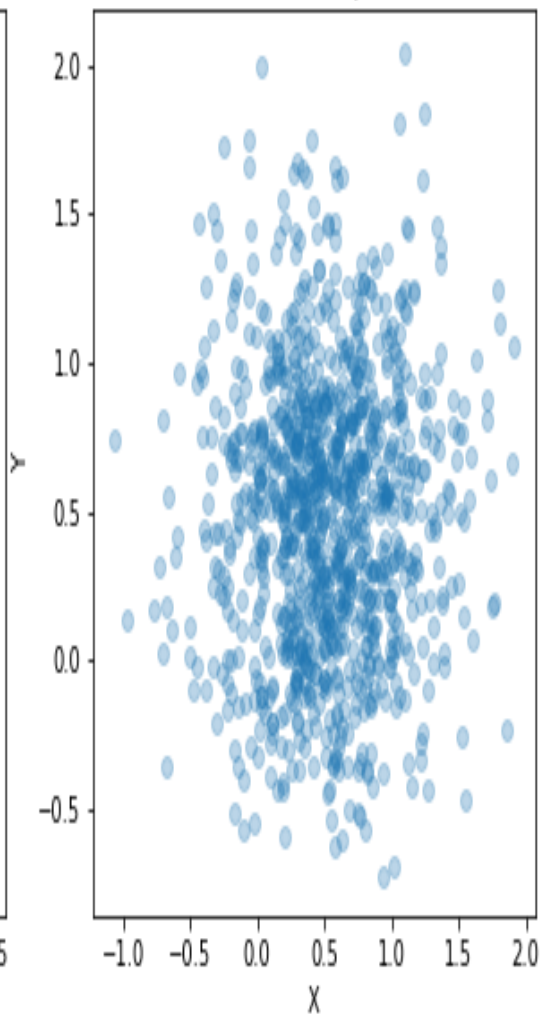
Average Squared Distance vs Dimension of Movement



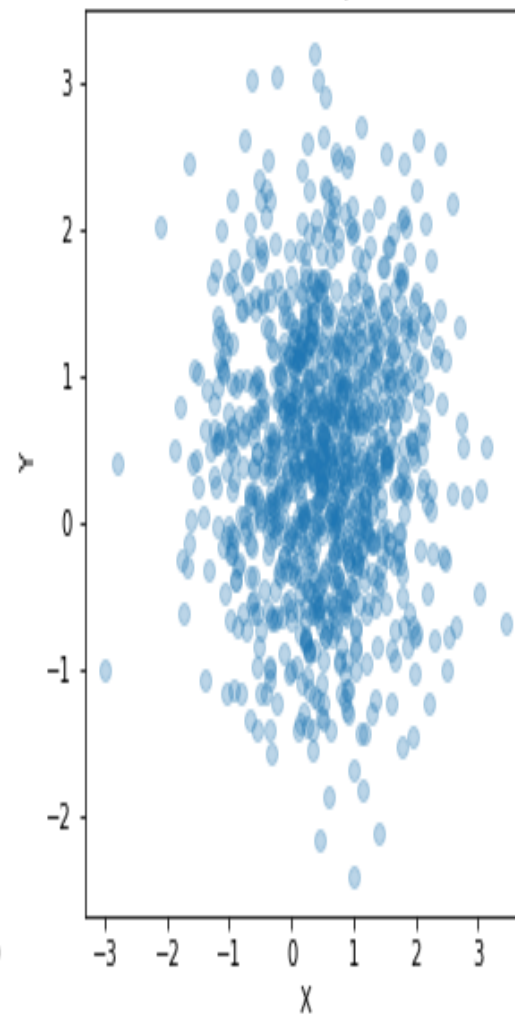
Number of Steps: 10



Number of Steps: 100



Number of Steps: 500



AI?