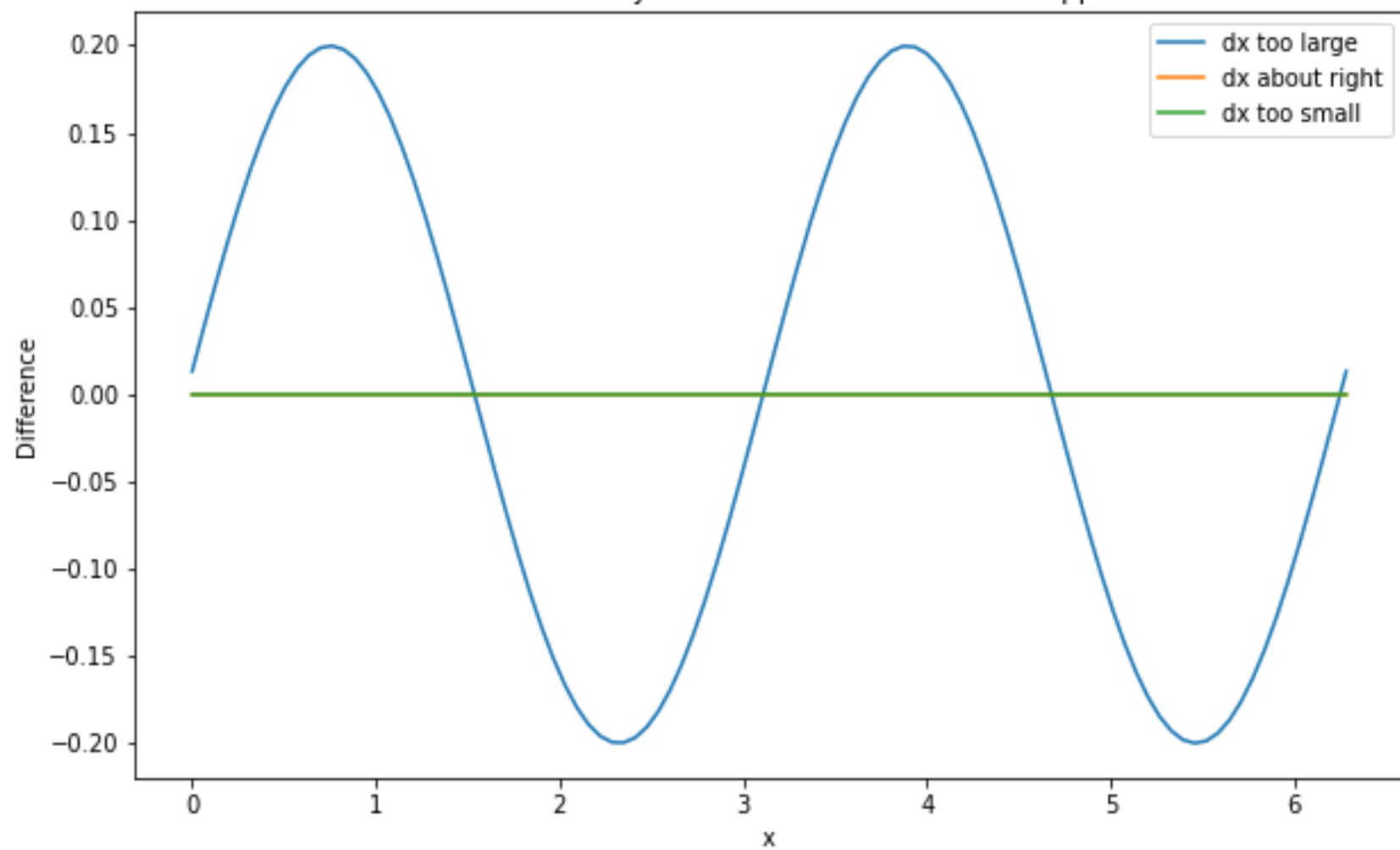
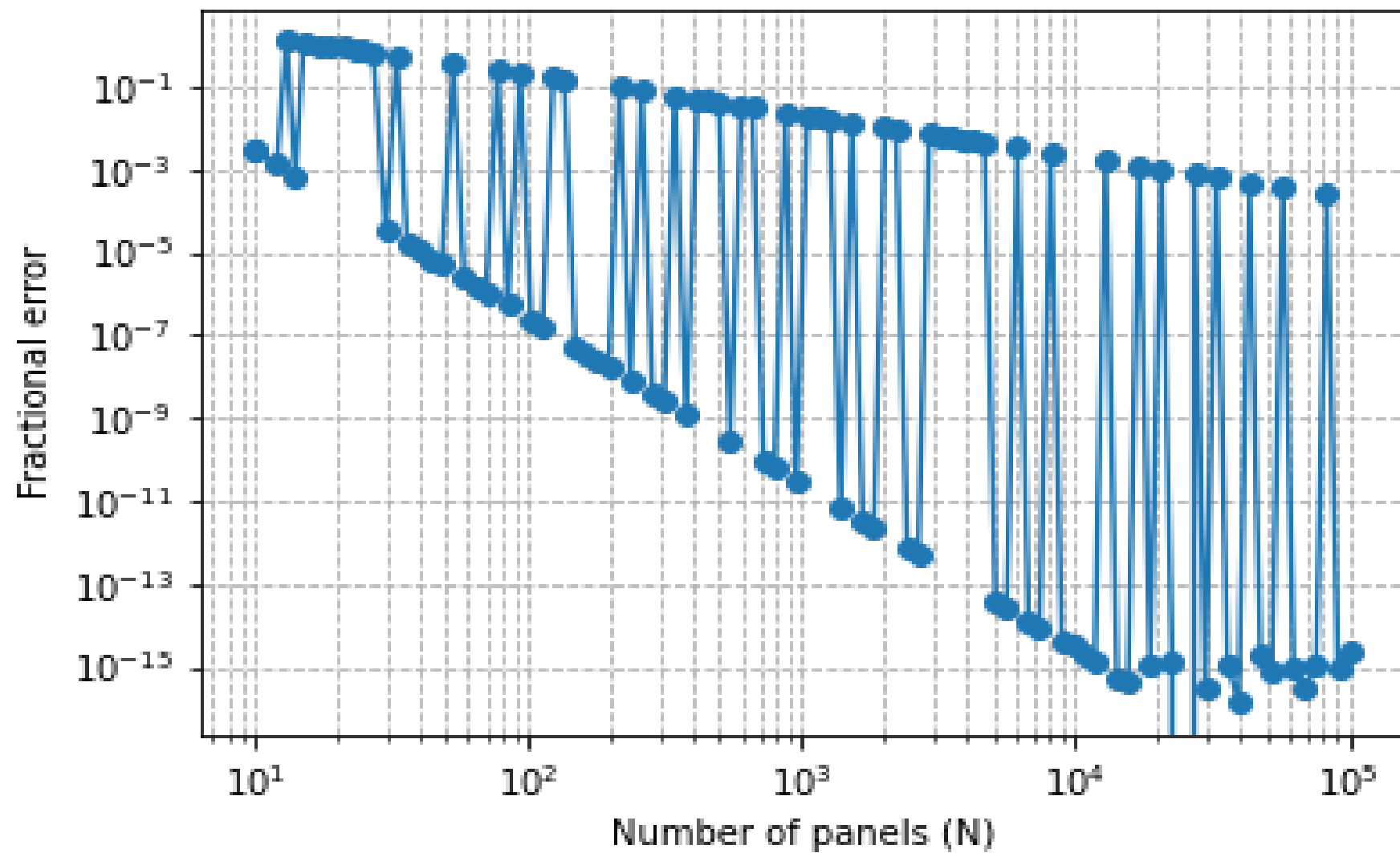


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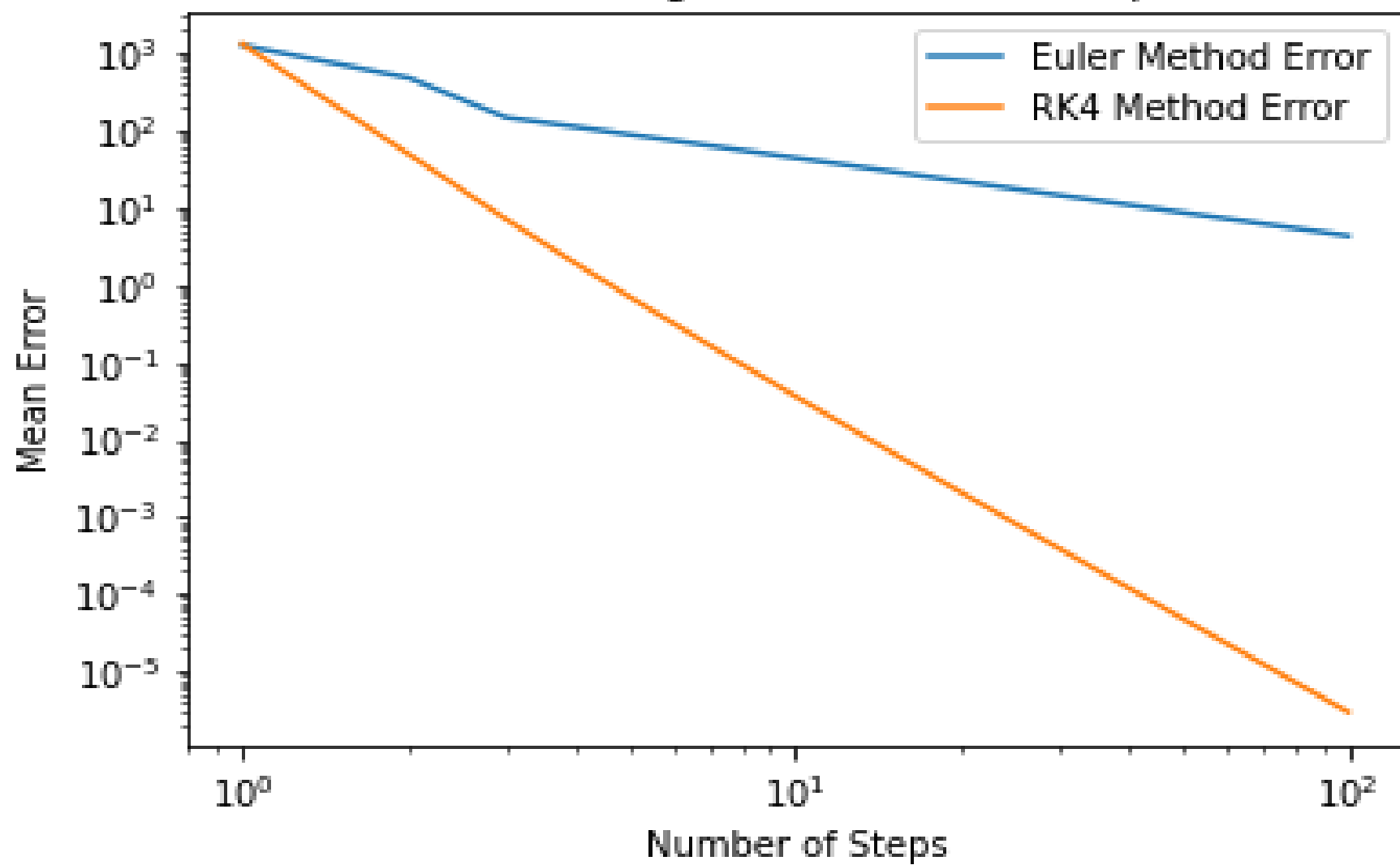
Difference between analytic derivative and numerical approximation



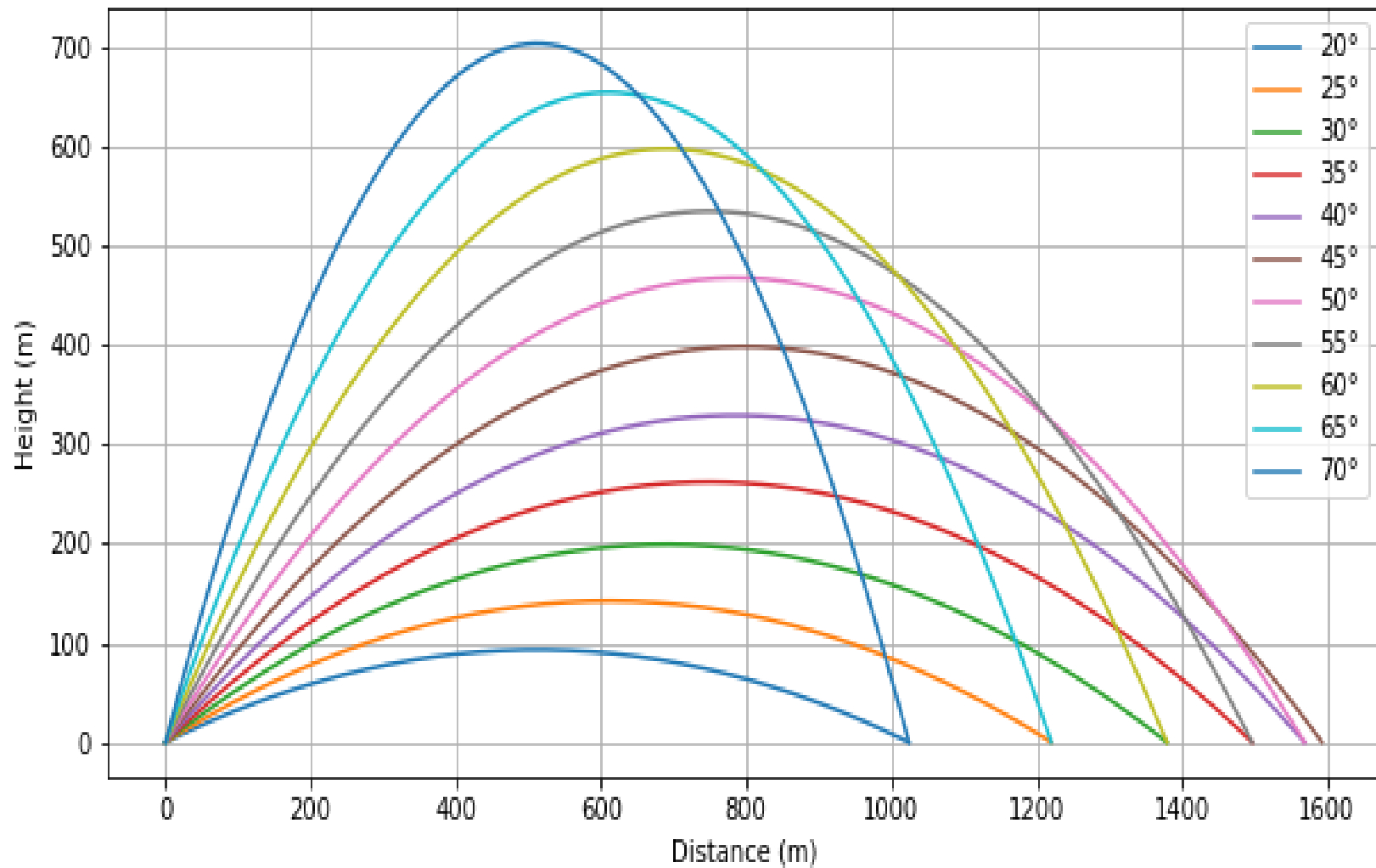
Sig-Log Plot of Fractional Error between Simpson's Rule and Analytical Re



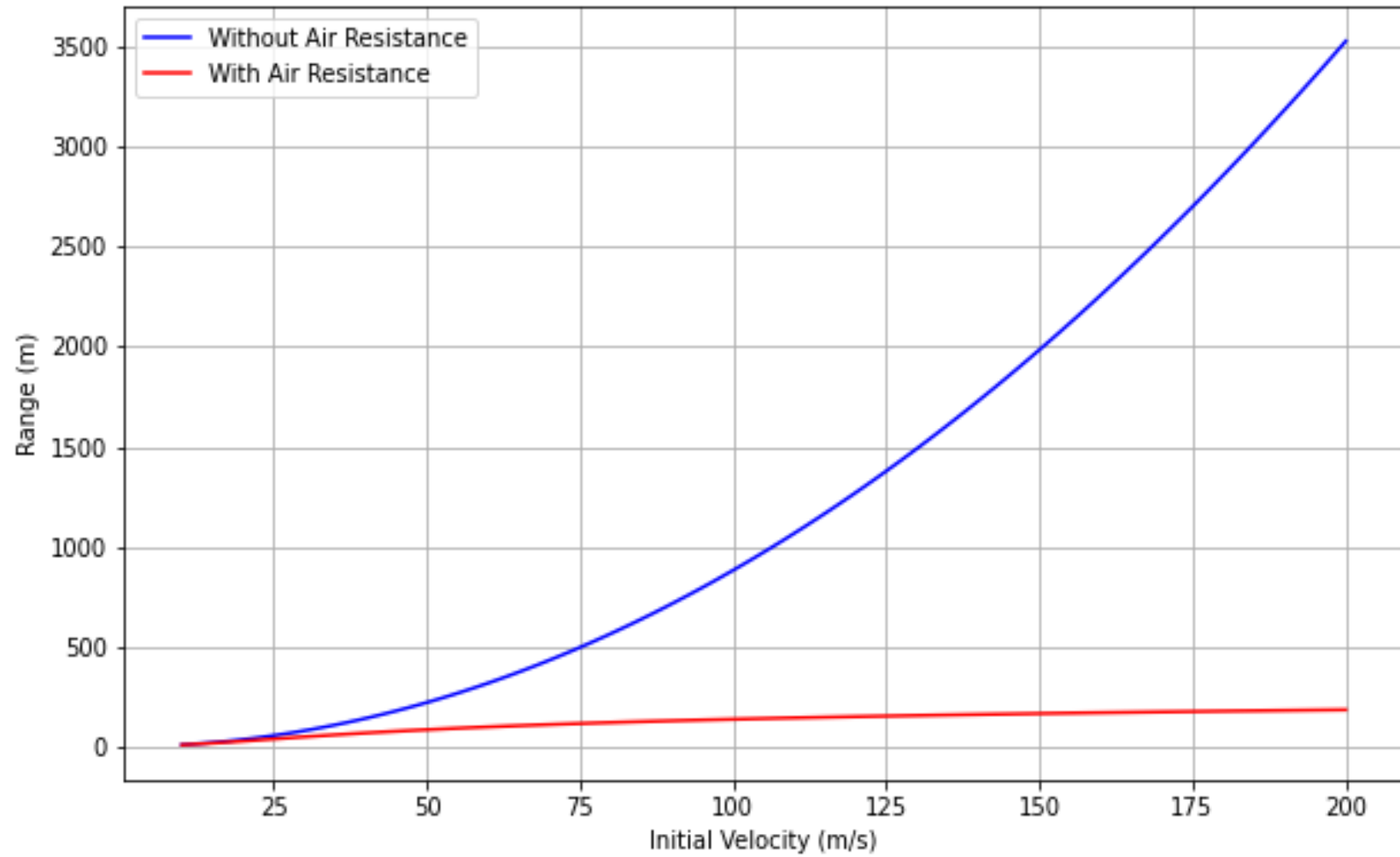
Error Scaling with Number of Steps



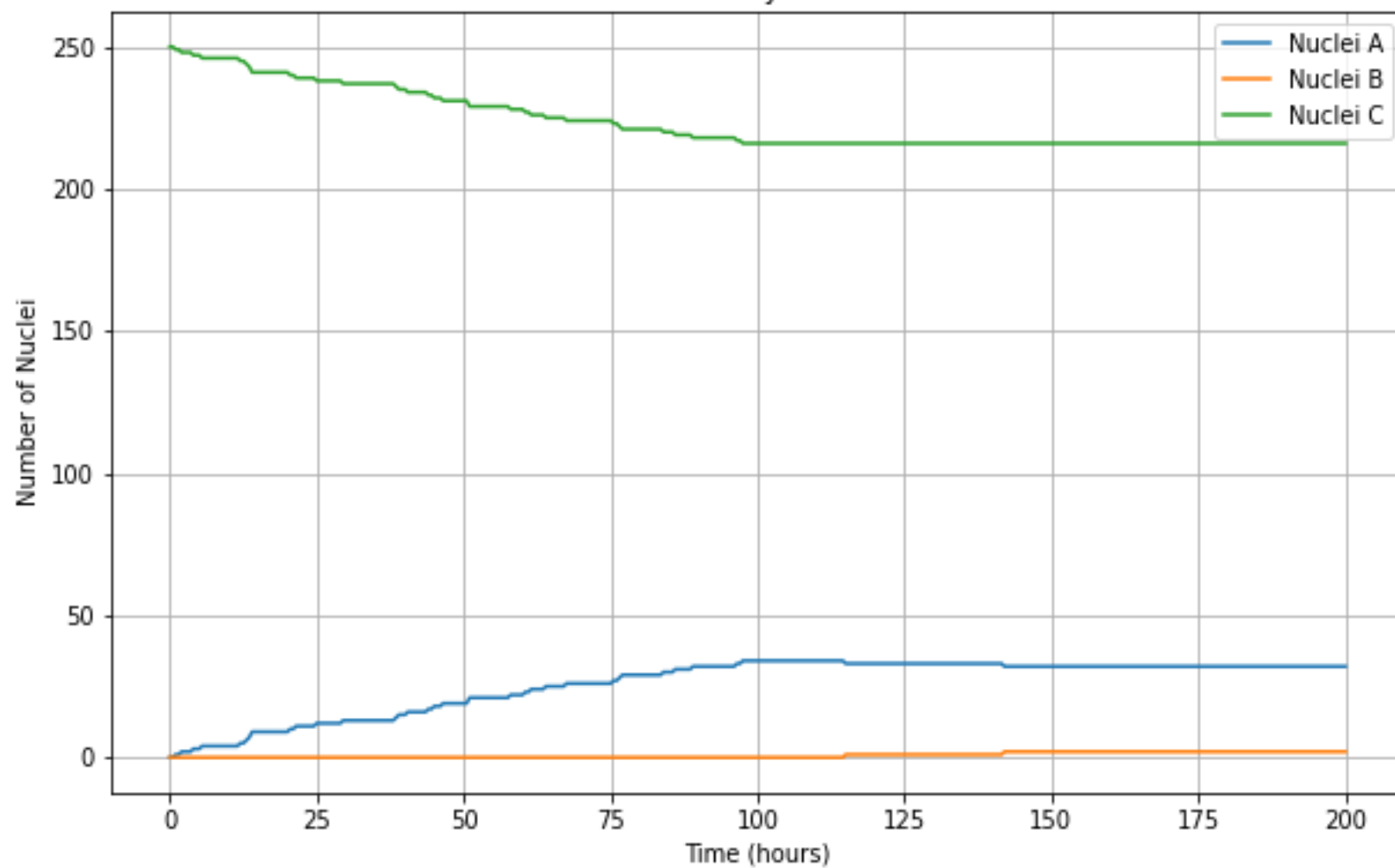
Projectile Motion for Different Initial Angles



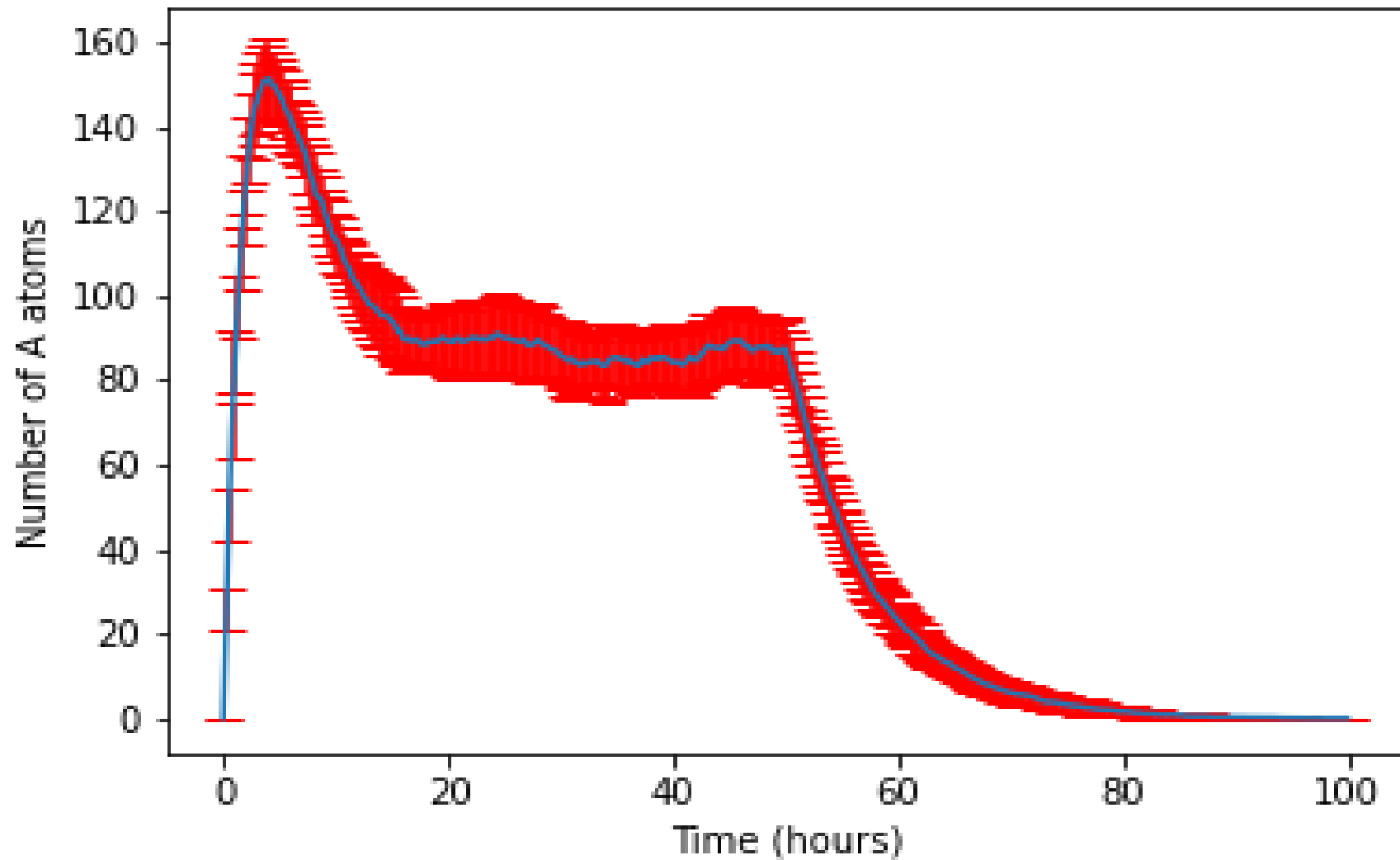
Projectile Range vs Initial Velocity at 60°



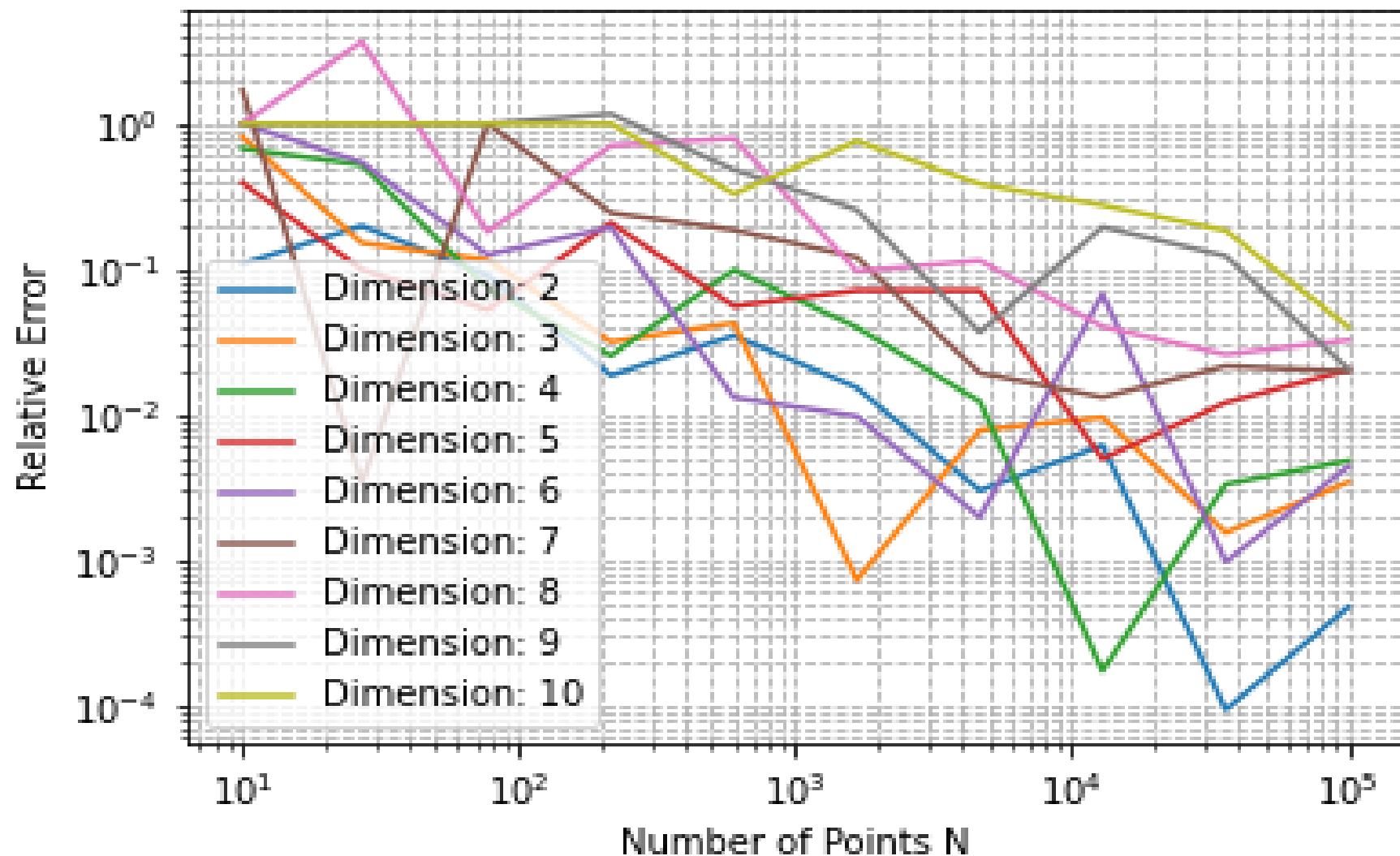
Nuclear Decay Simulation



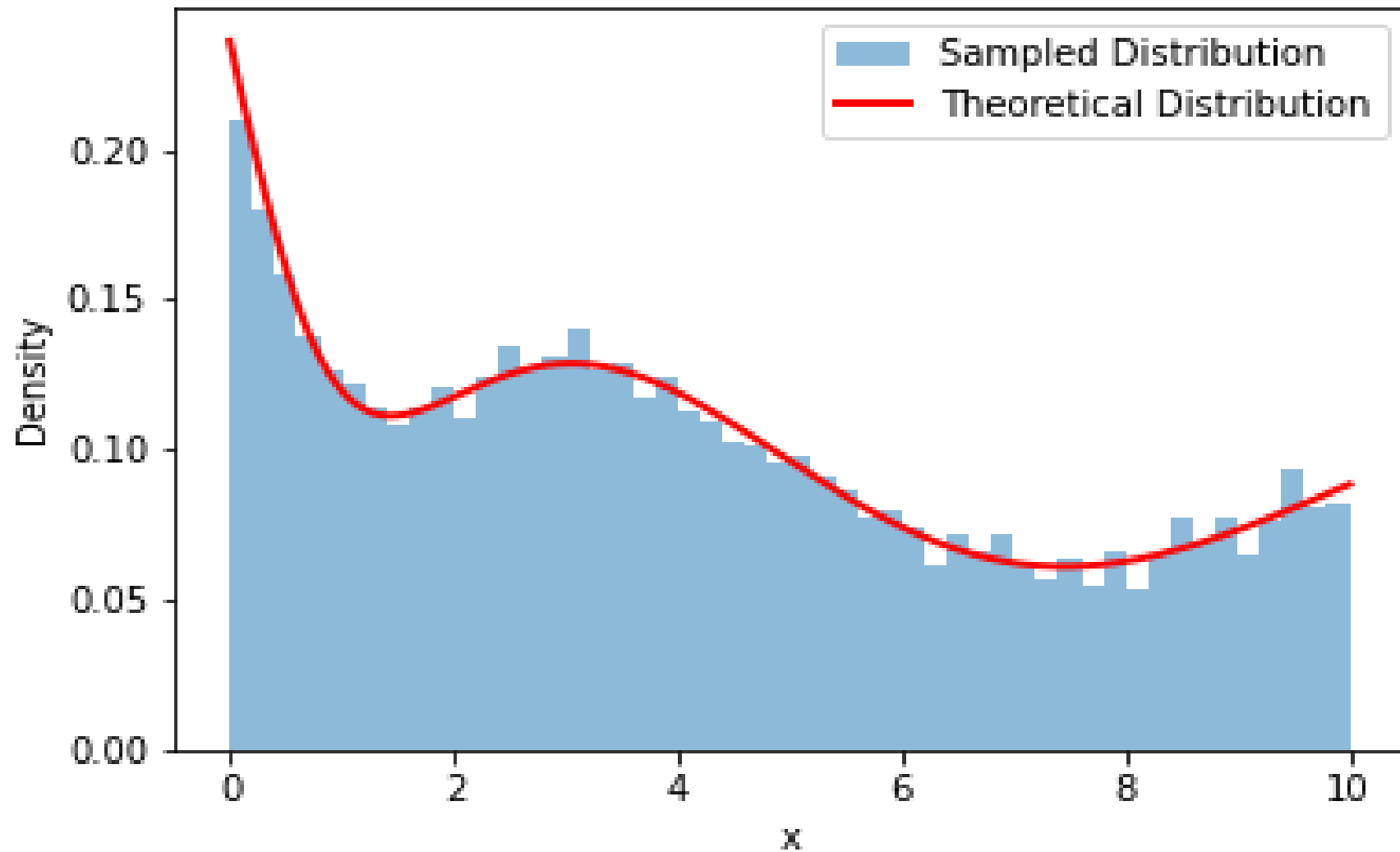
Average Number of A Atoms Over Time



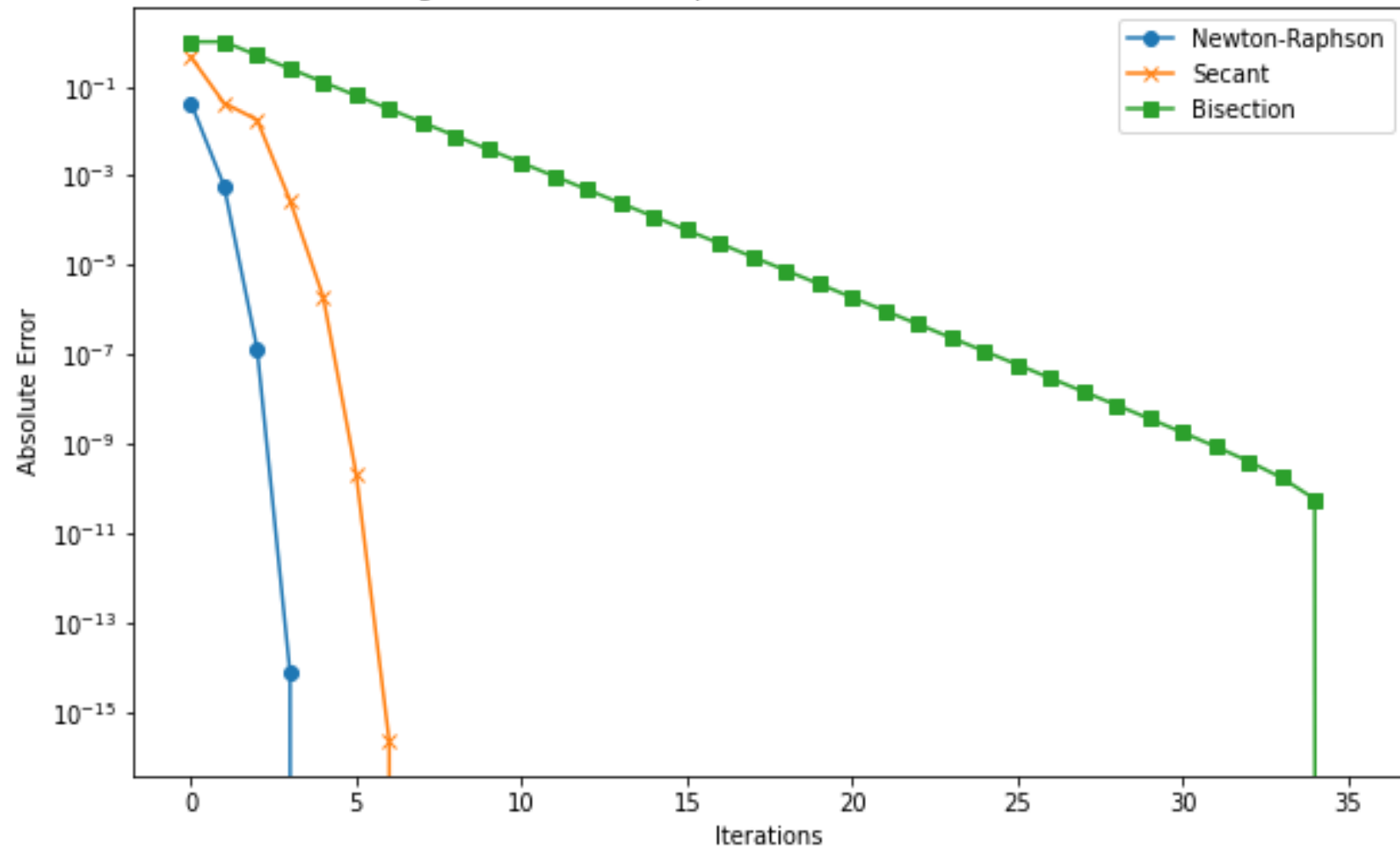
Monte Carlo Integration Error Scaling With Dimension



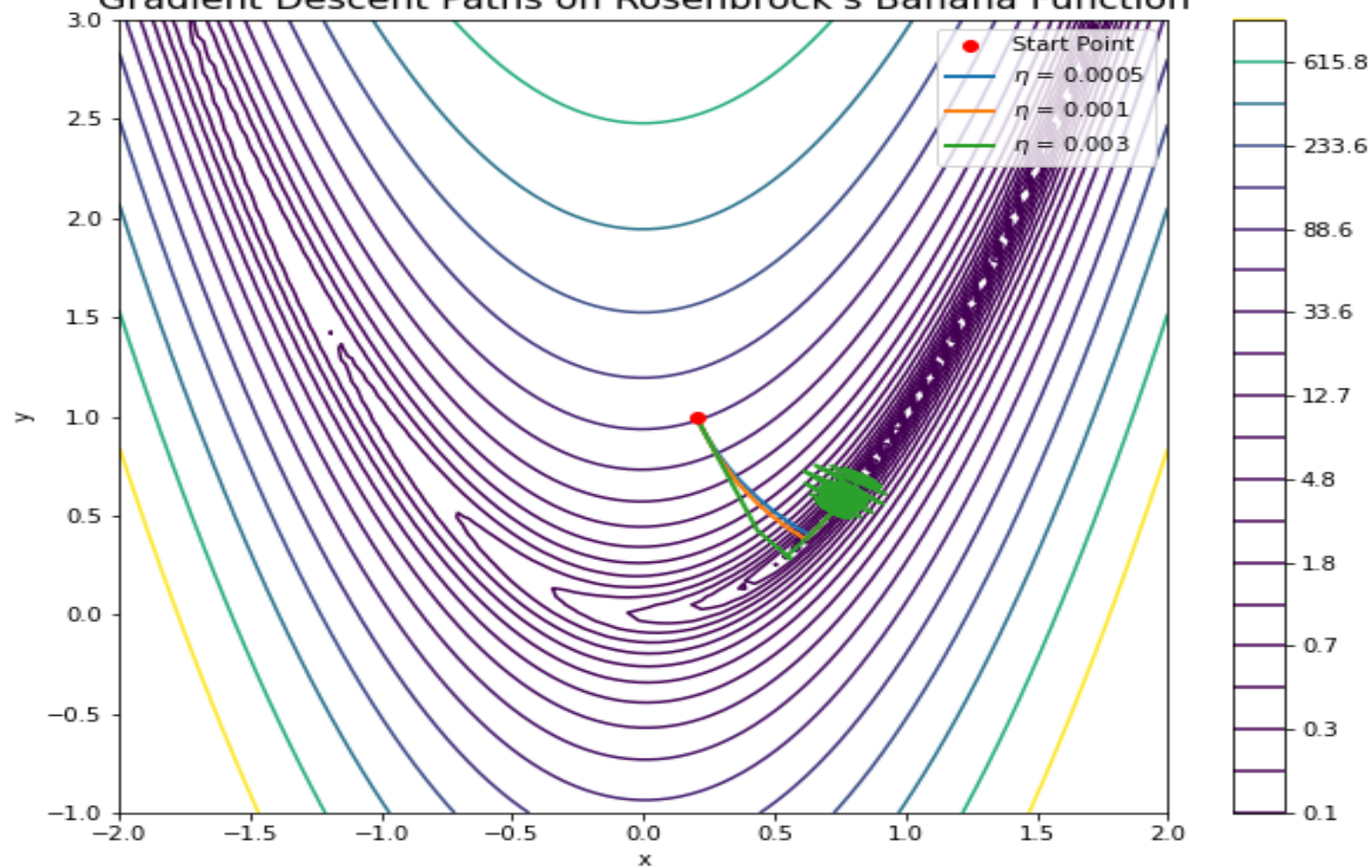
Comparison of Sampled and Theoretical Distributions



Convergence of Newton-Raphson, Secant, and Bisection Methods



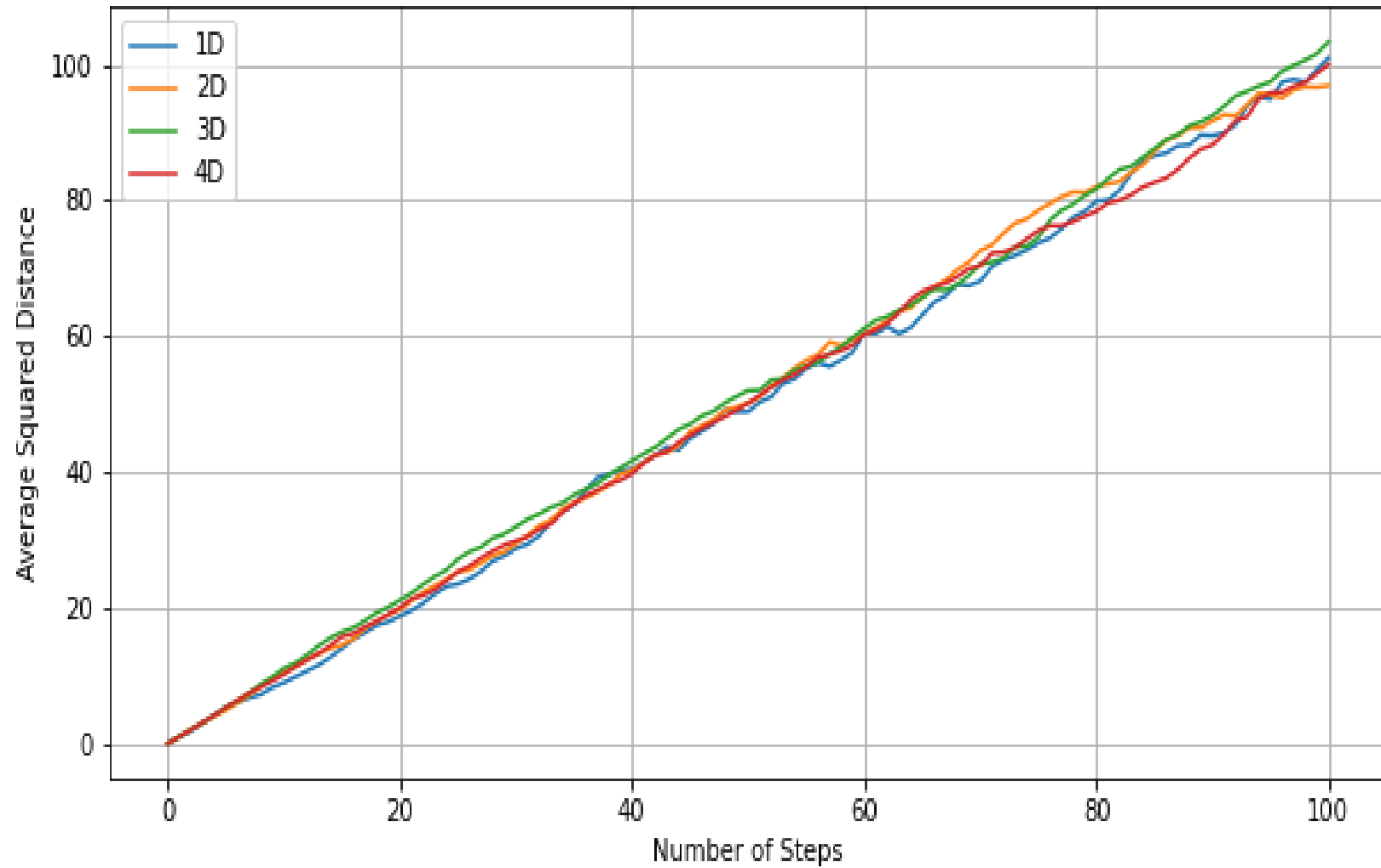
Gradient Descent Paths on Rosenbrock's Banana Function



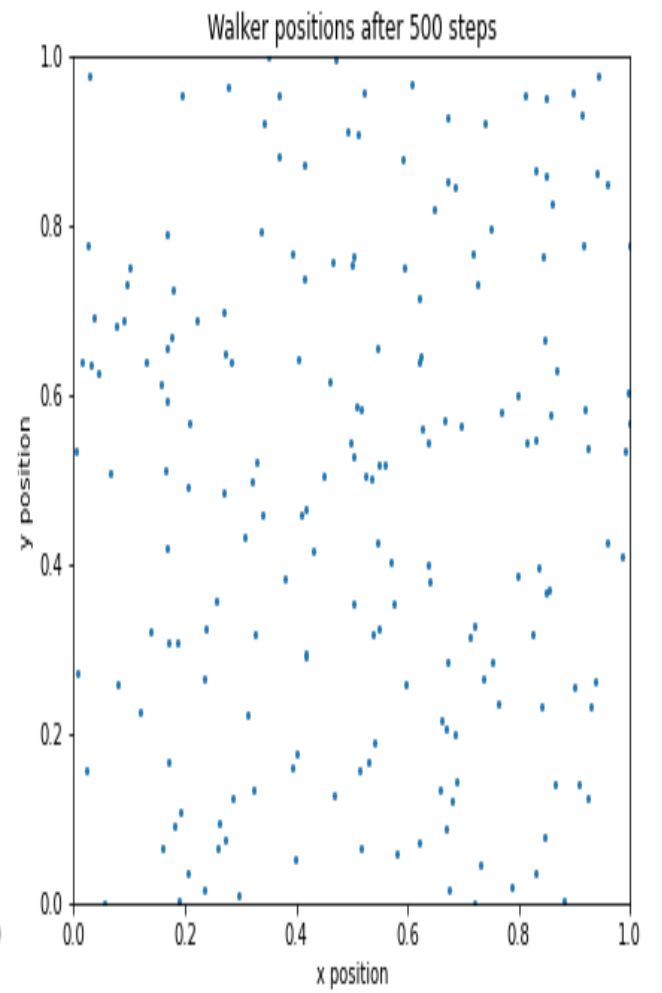
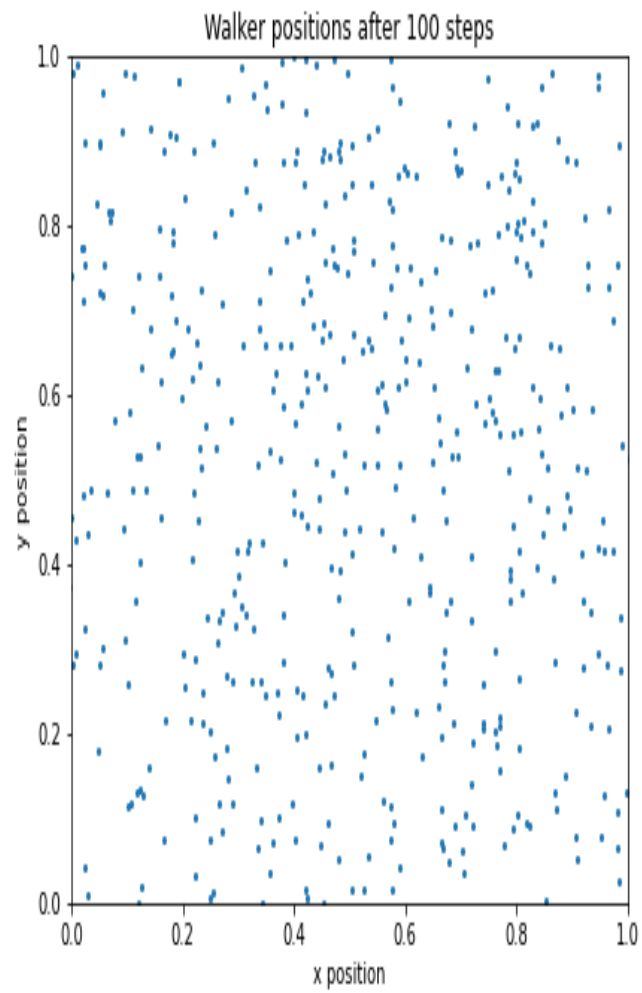
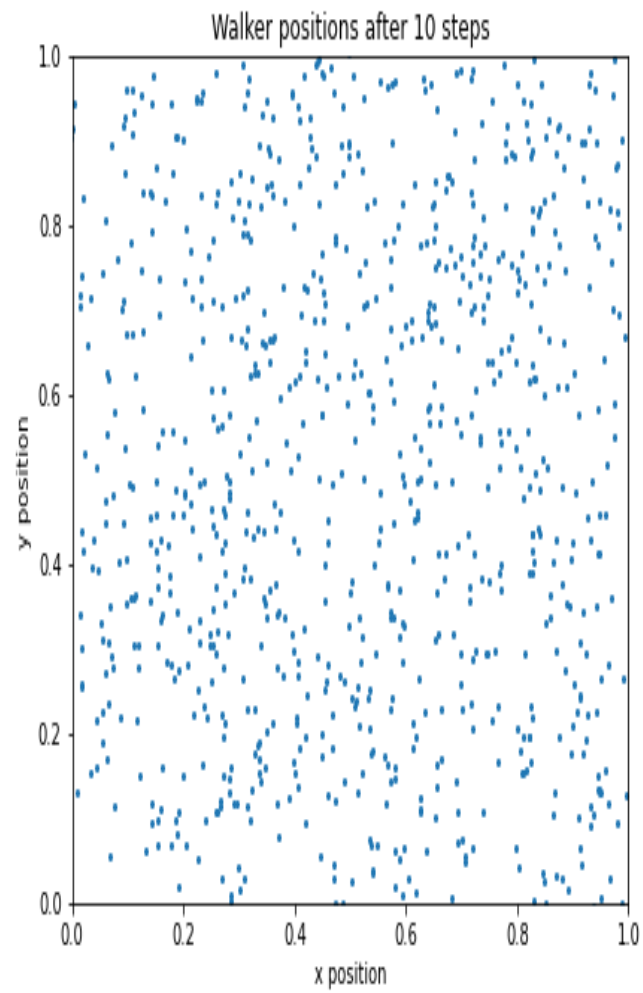
Average Trajectory of 1D Random Walkers



Average Squared Distance Scaling with Dimension



Diffusion of Particles in a Unit Square



AI?