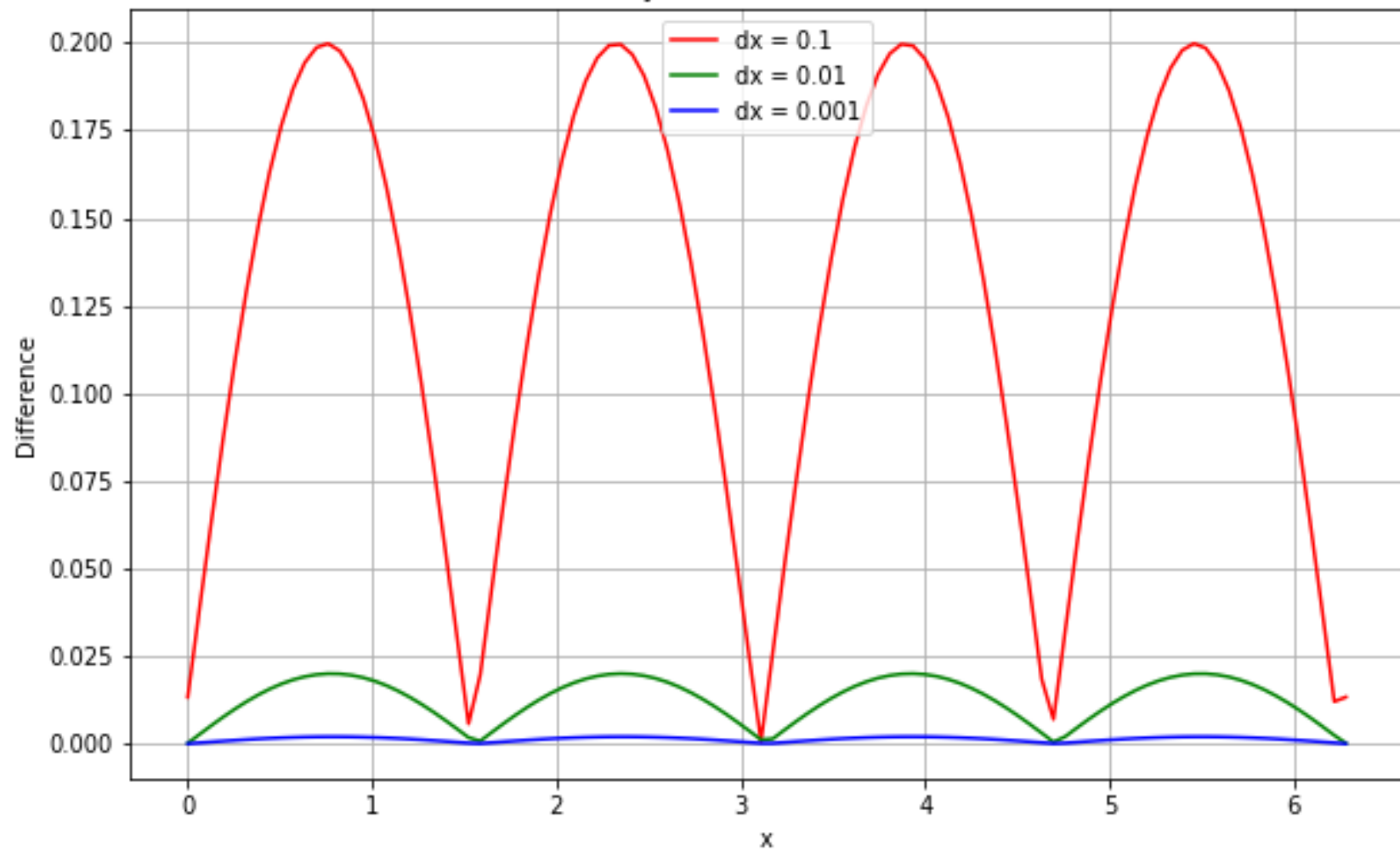
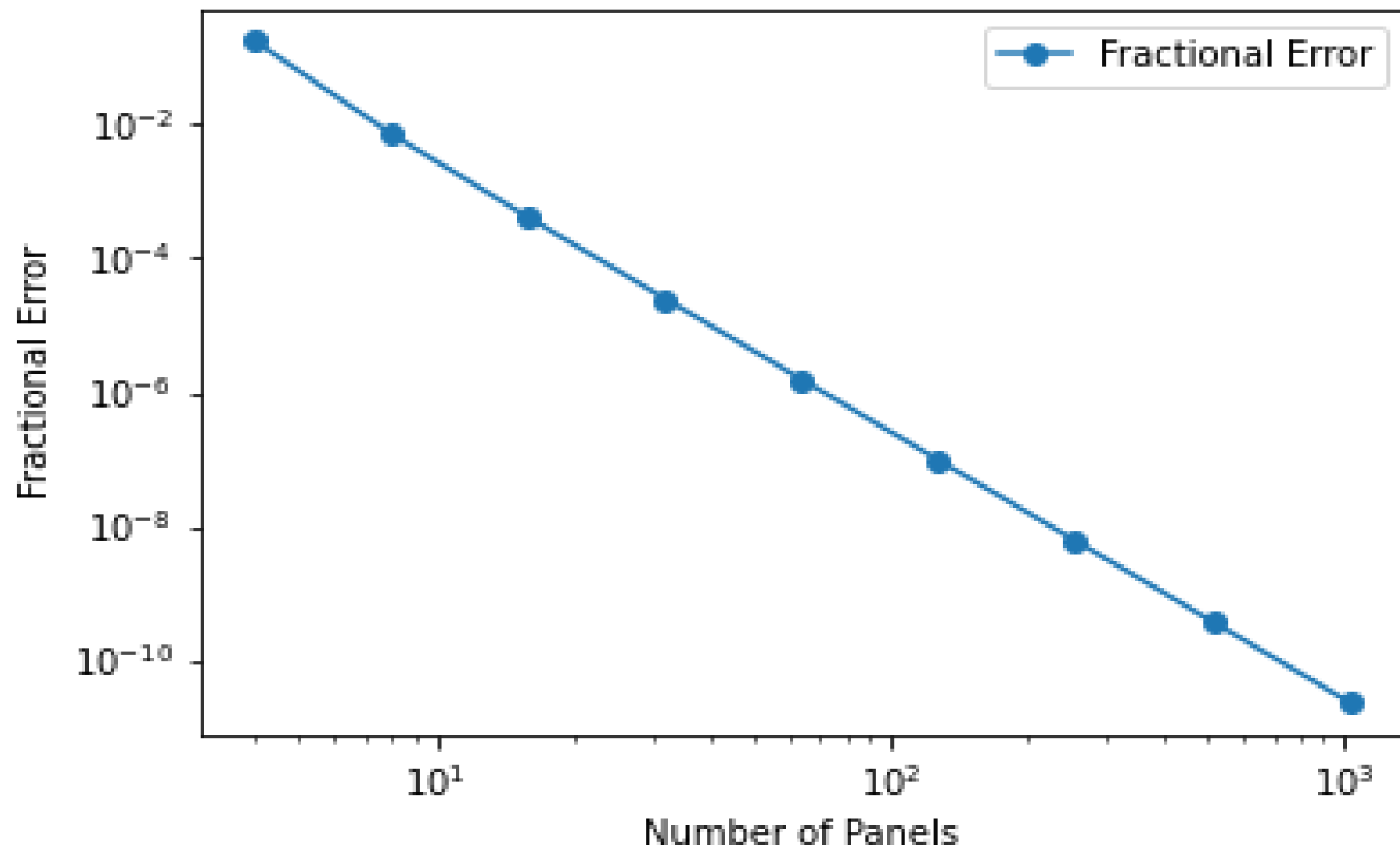


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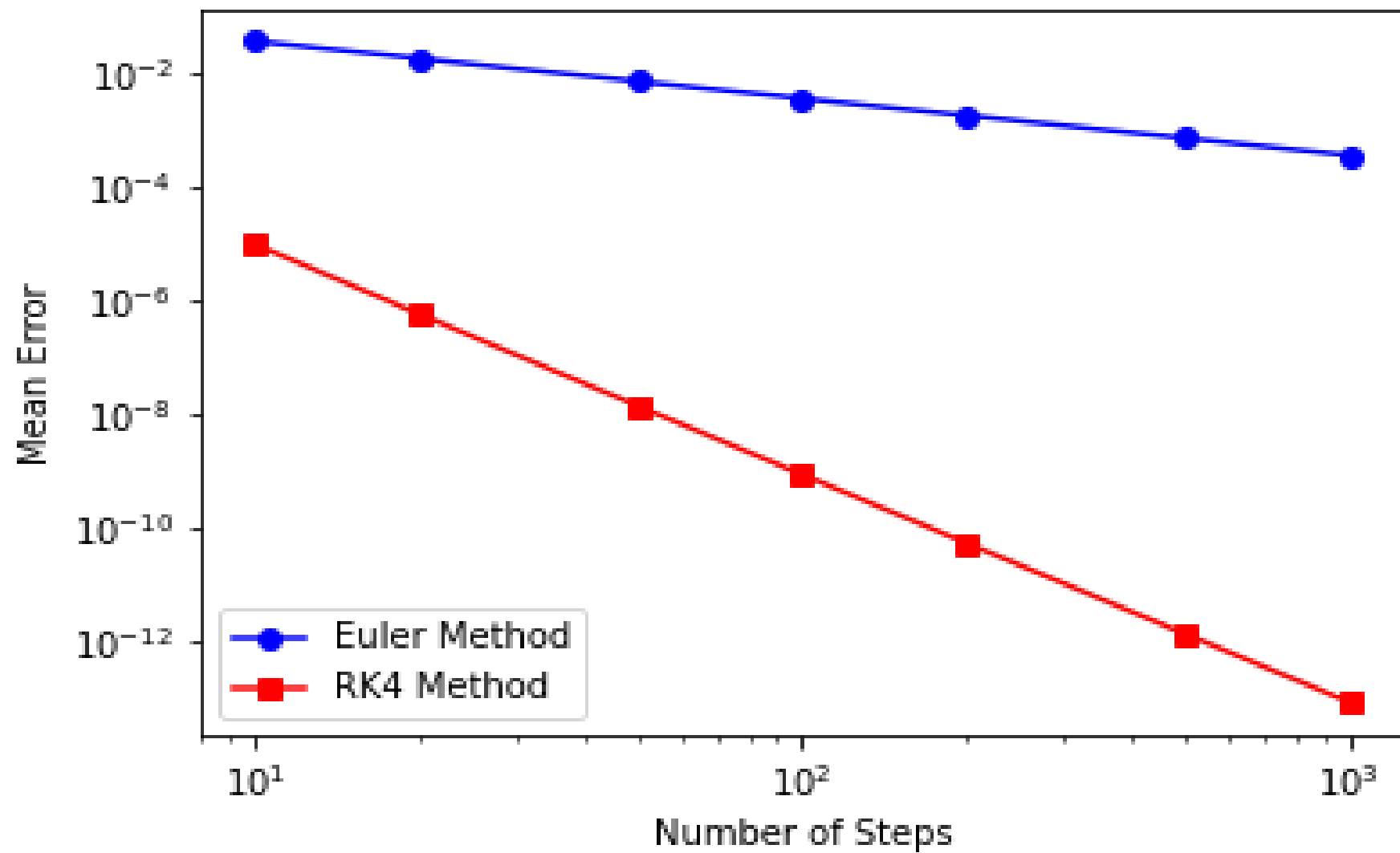
Difference between Analytical and Numerical Derivatives of $\sin(2x)$



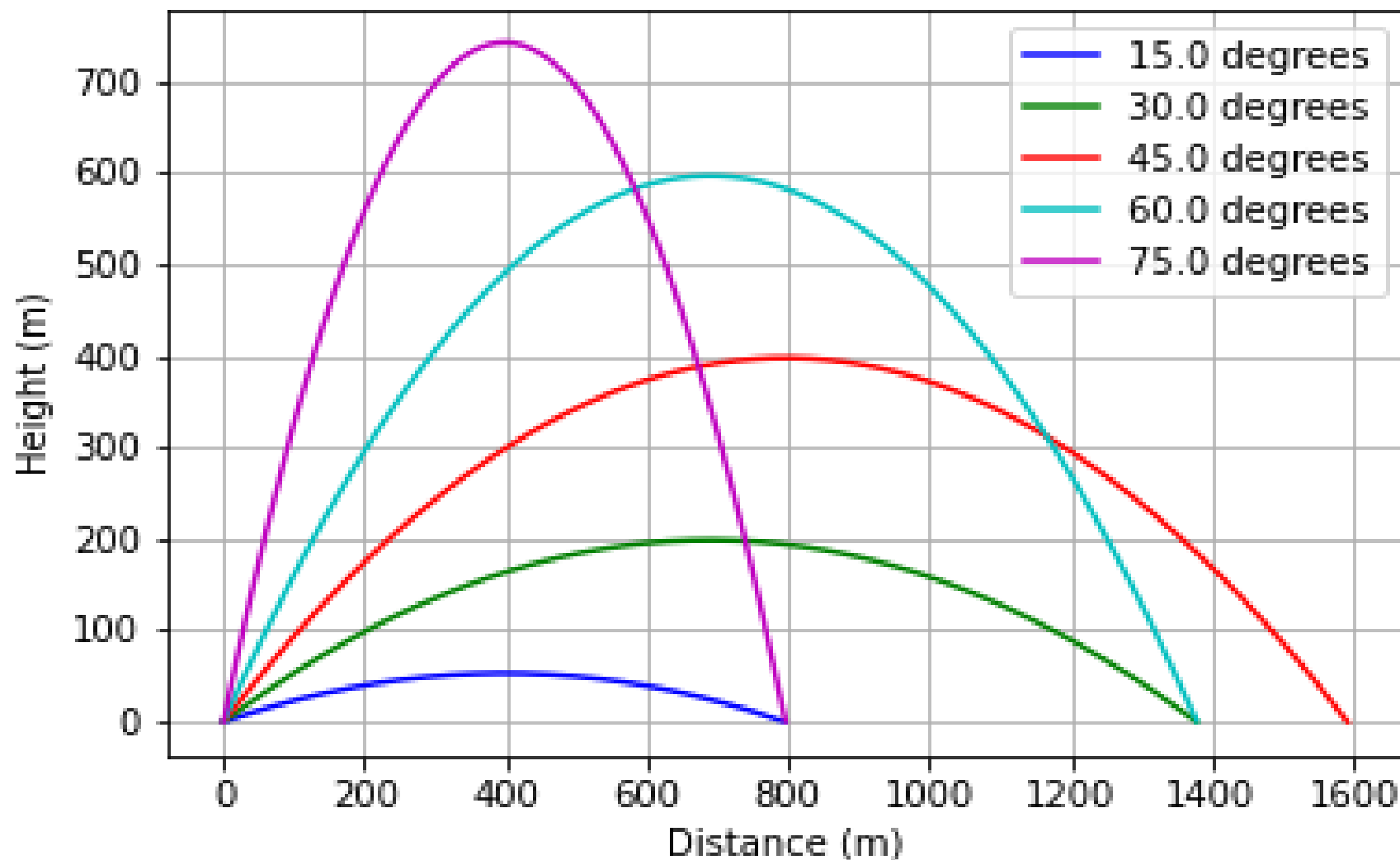
Fractional Error of Simpsons Rule Numerical Integration



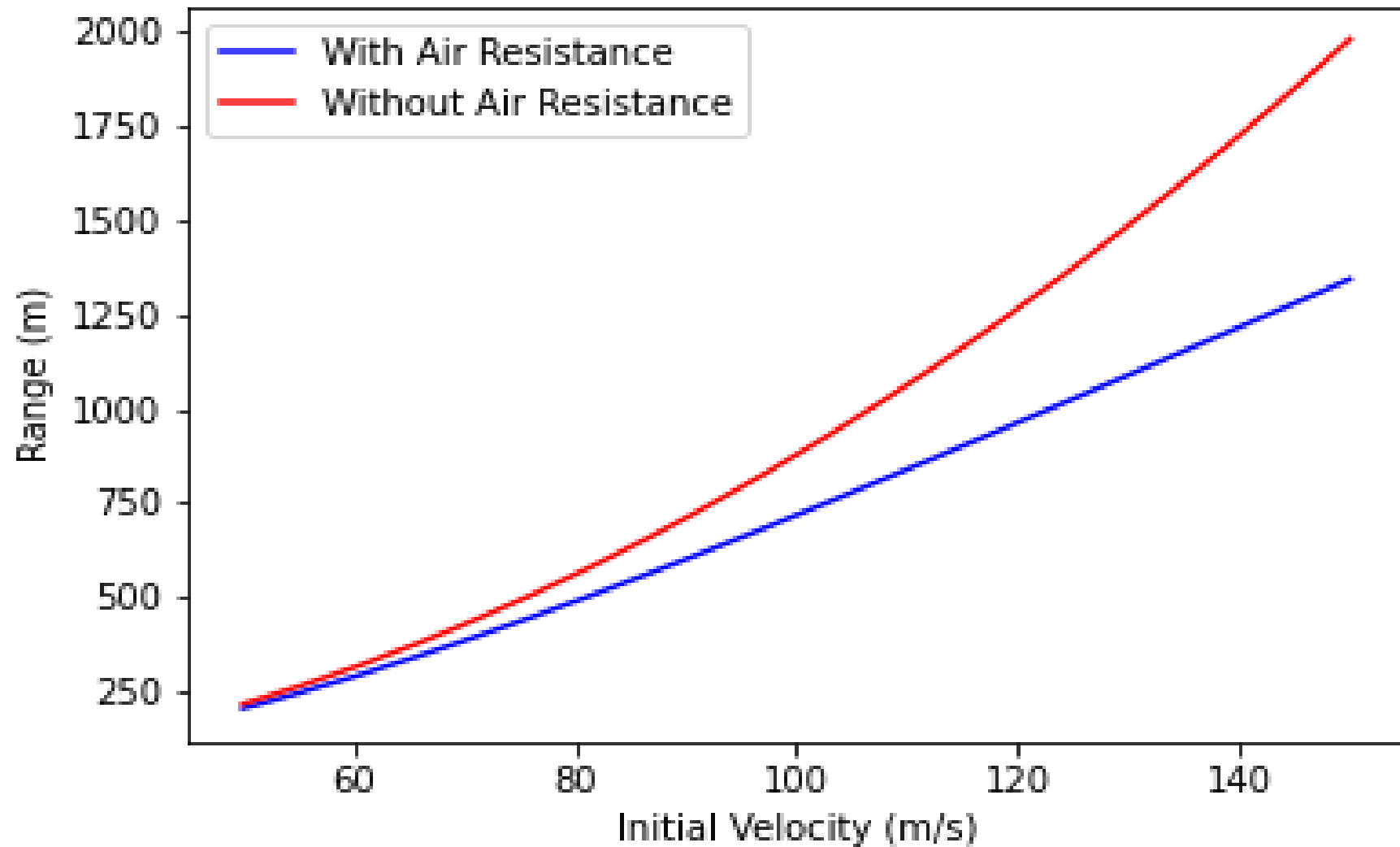
Error in Euler vs. RK4 Methods



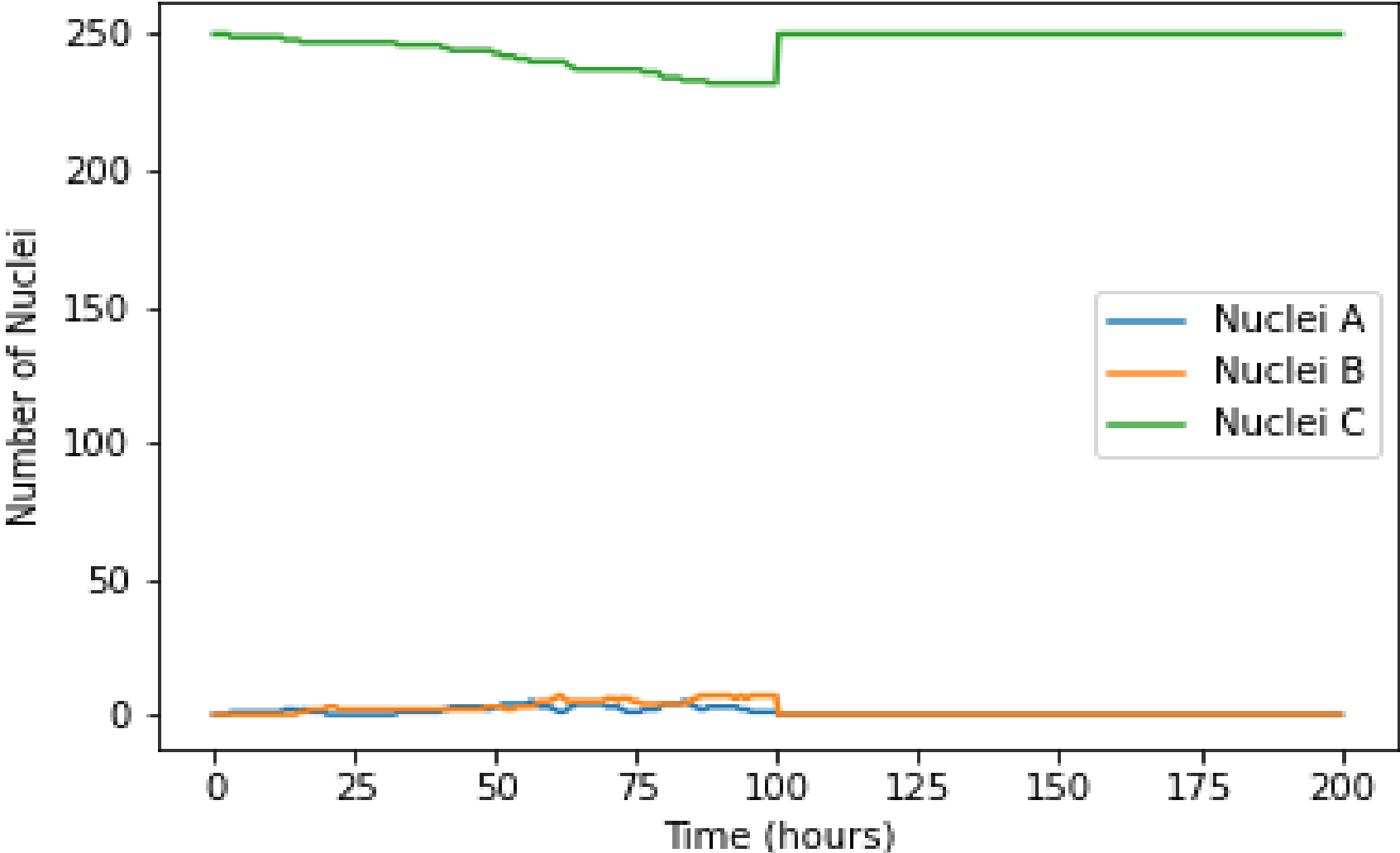
Trajectories of a Cannonball for Various Initial Angles



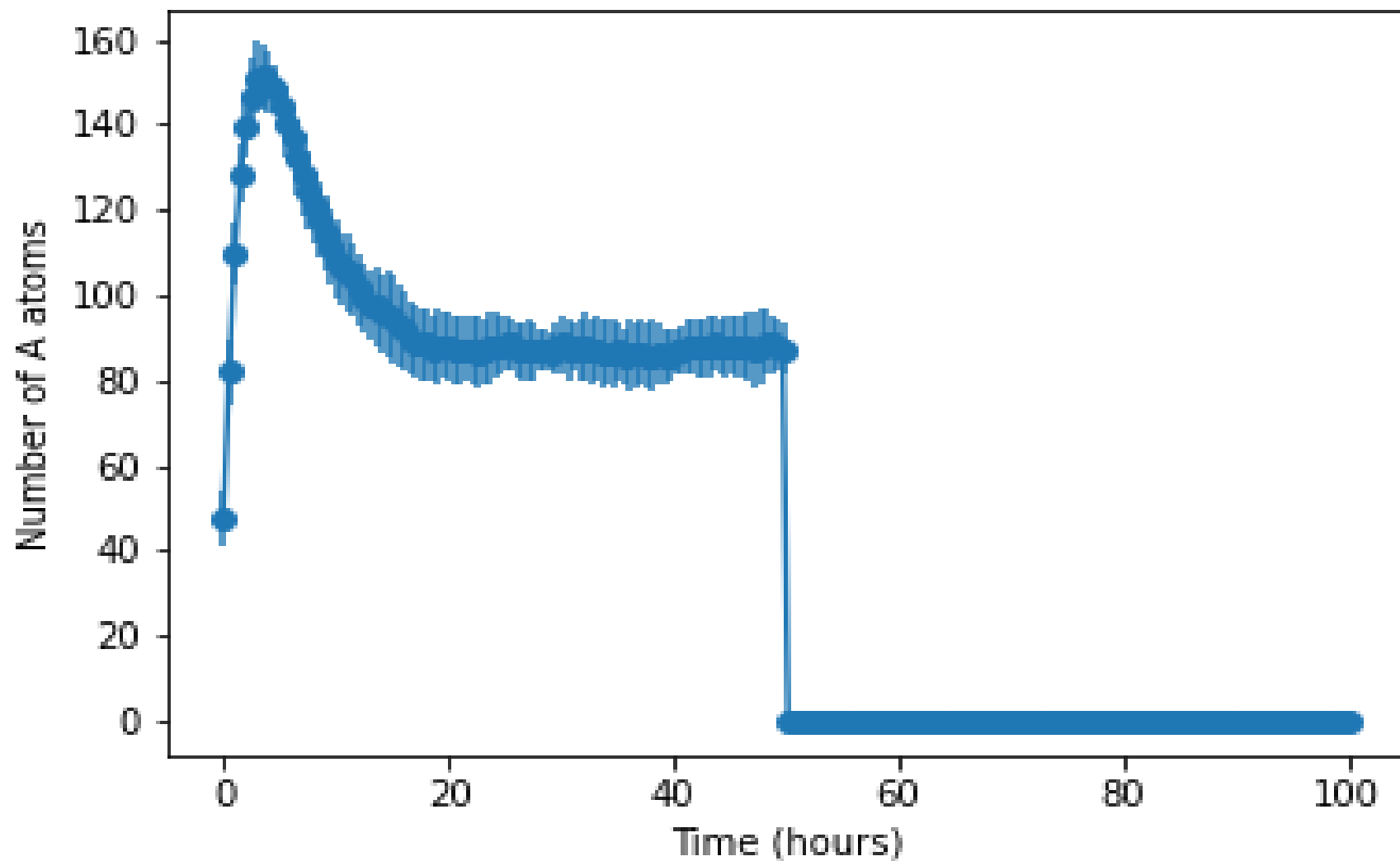
Range of a Projectile with and without Air Resistance at 60 degrees



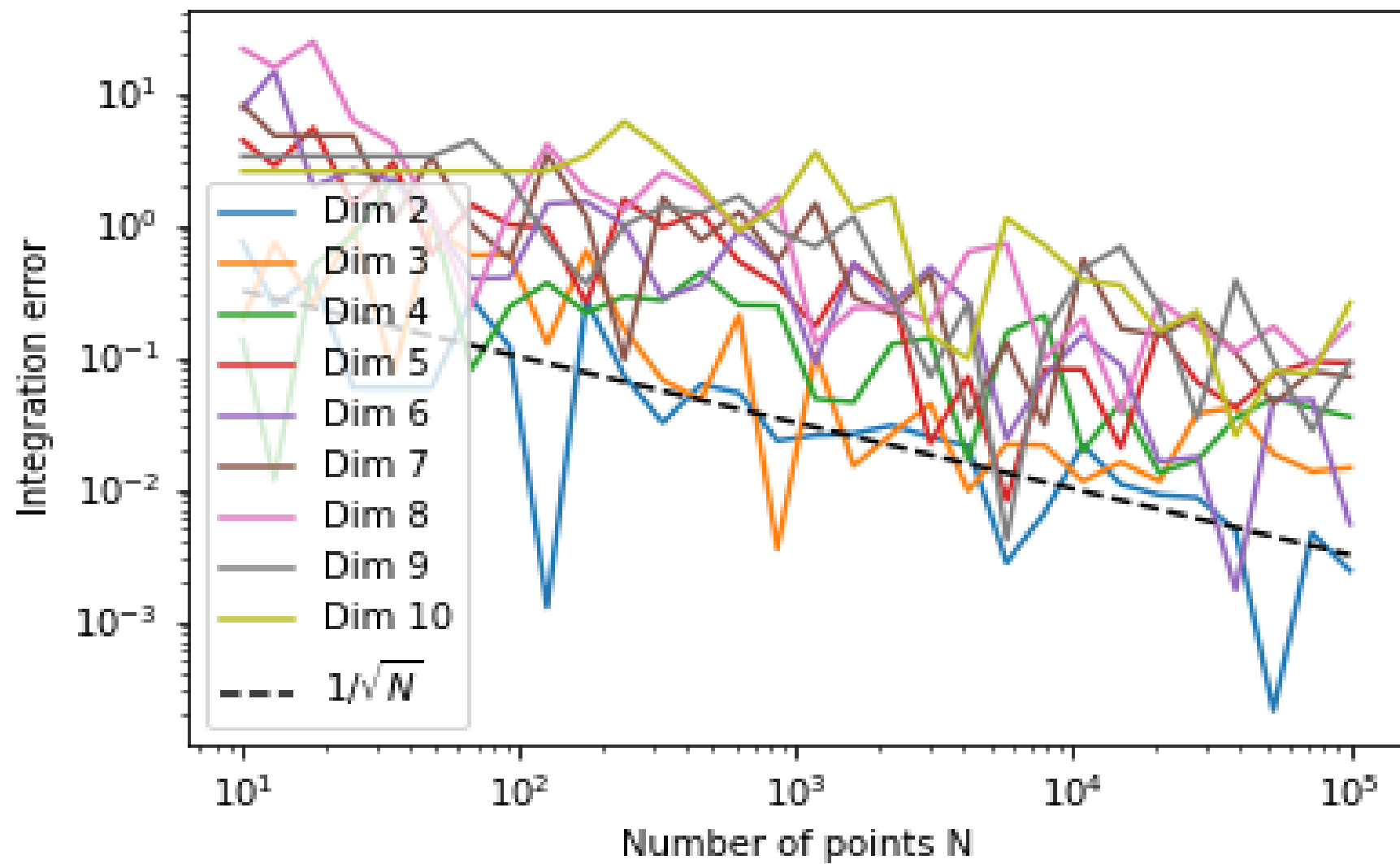
Decay and Activation of Nuclei



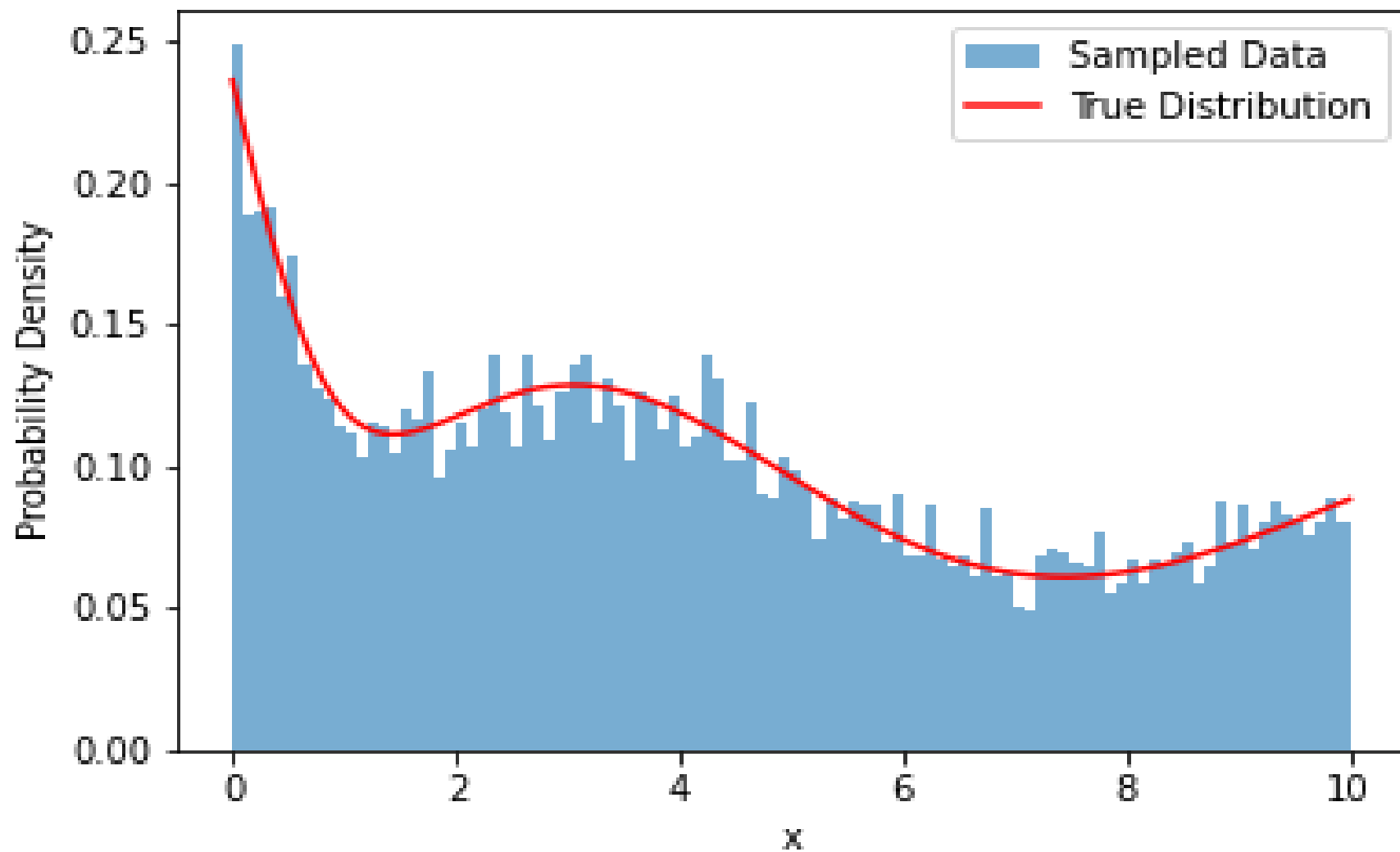
Average number of A atoms over time with uncertainty



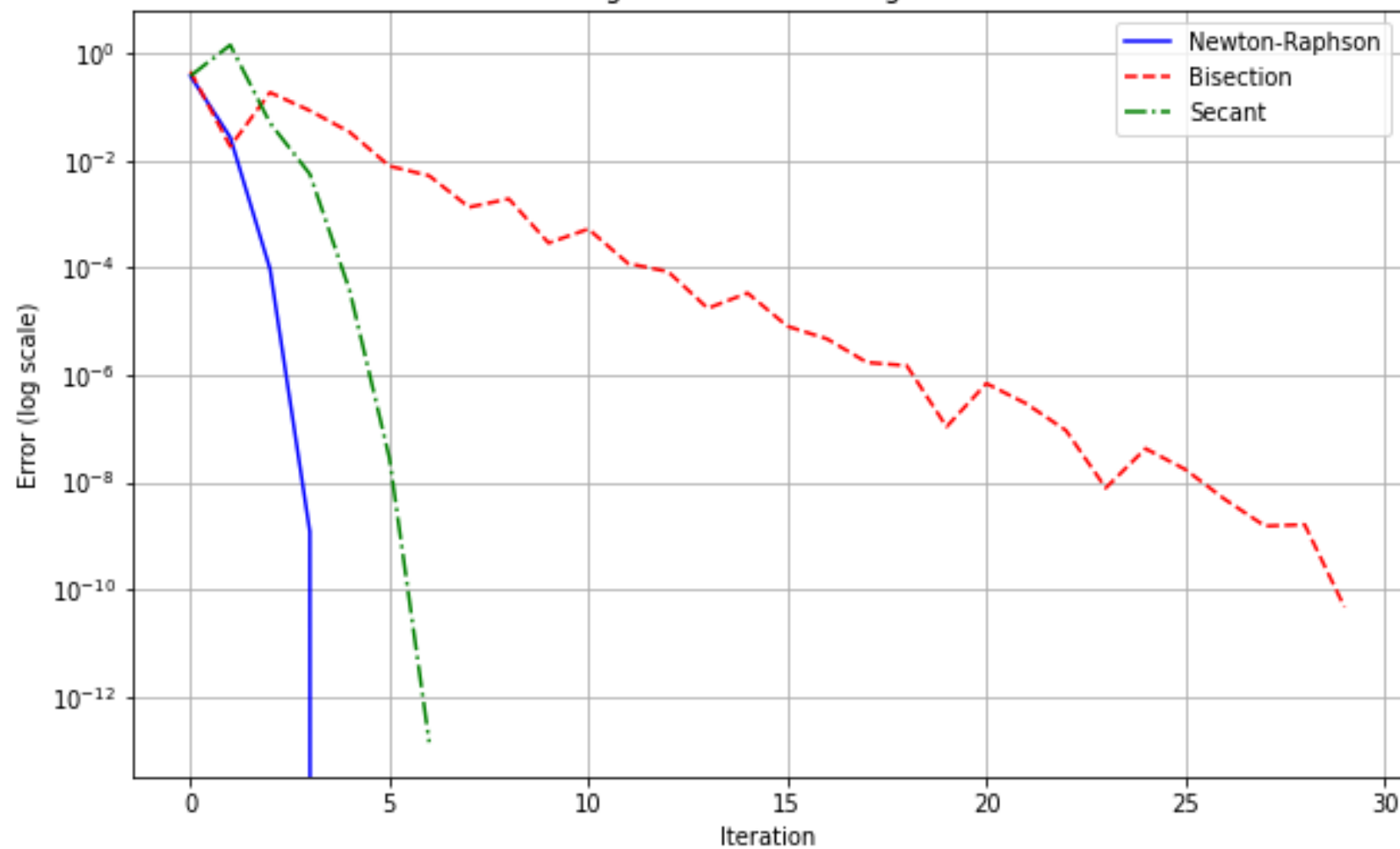
Monte Carlo Integration Error Scaling



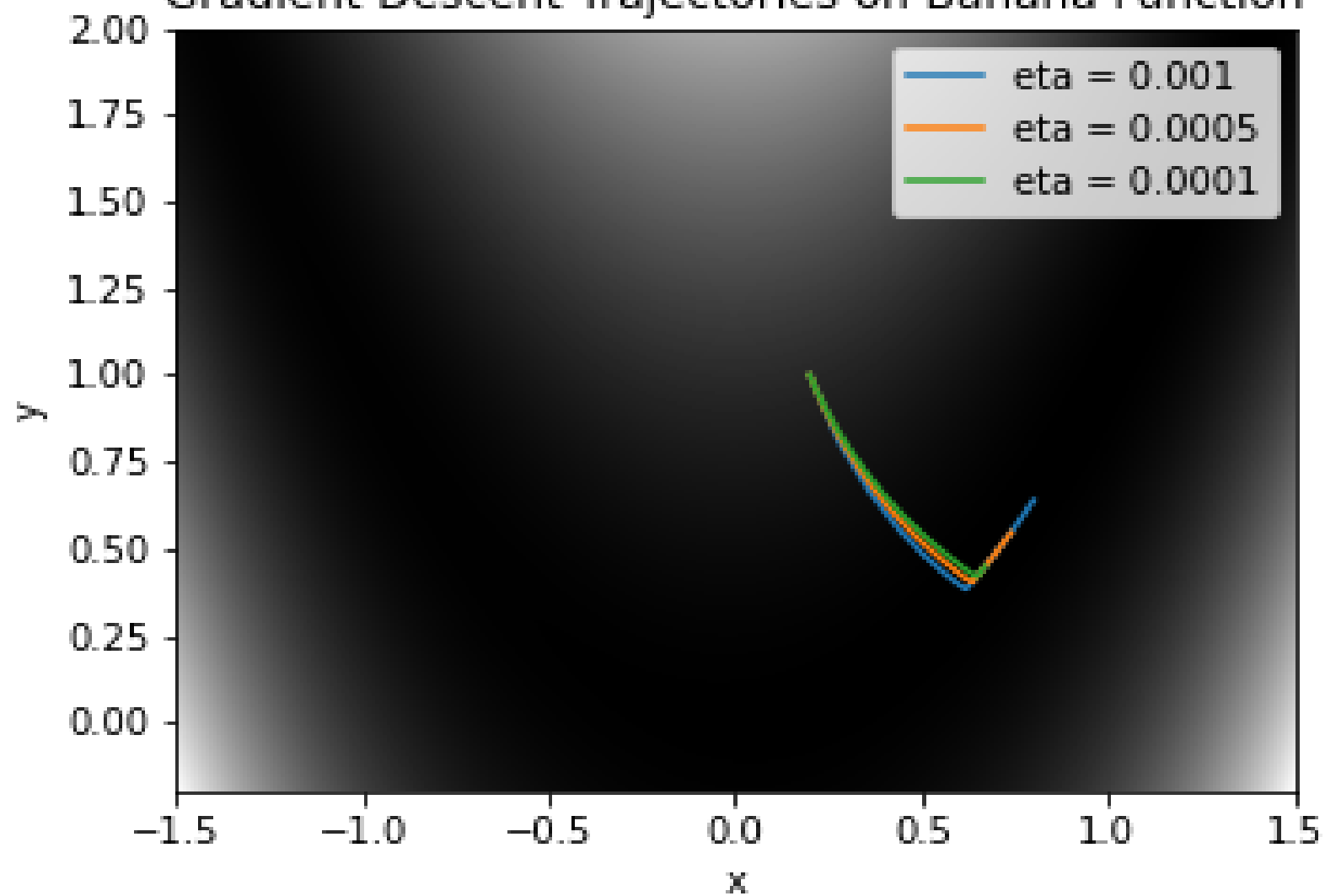
Distribution of Values Generated by genSample() Function



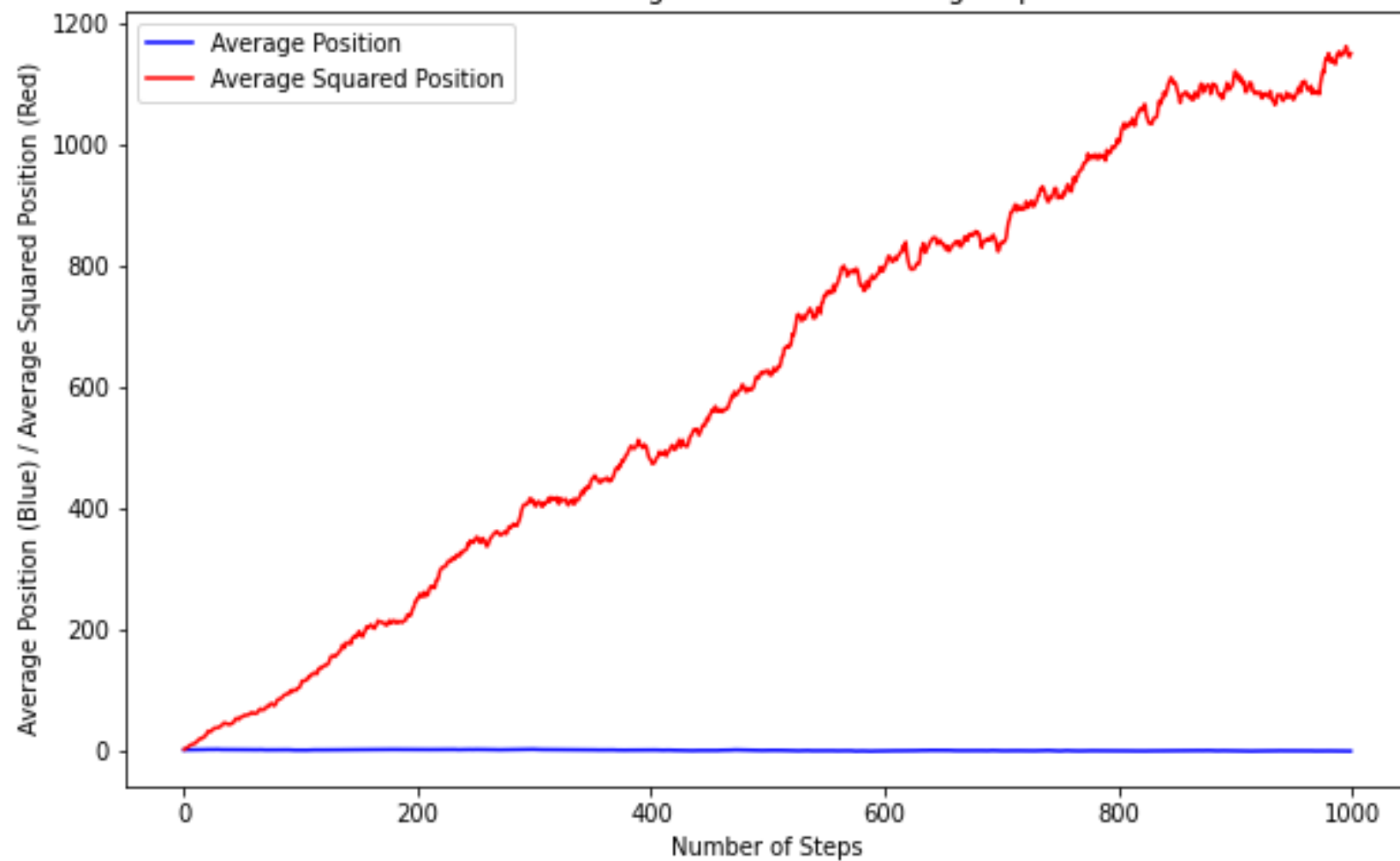
Convergence of Root-Finding Methods



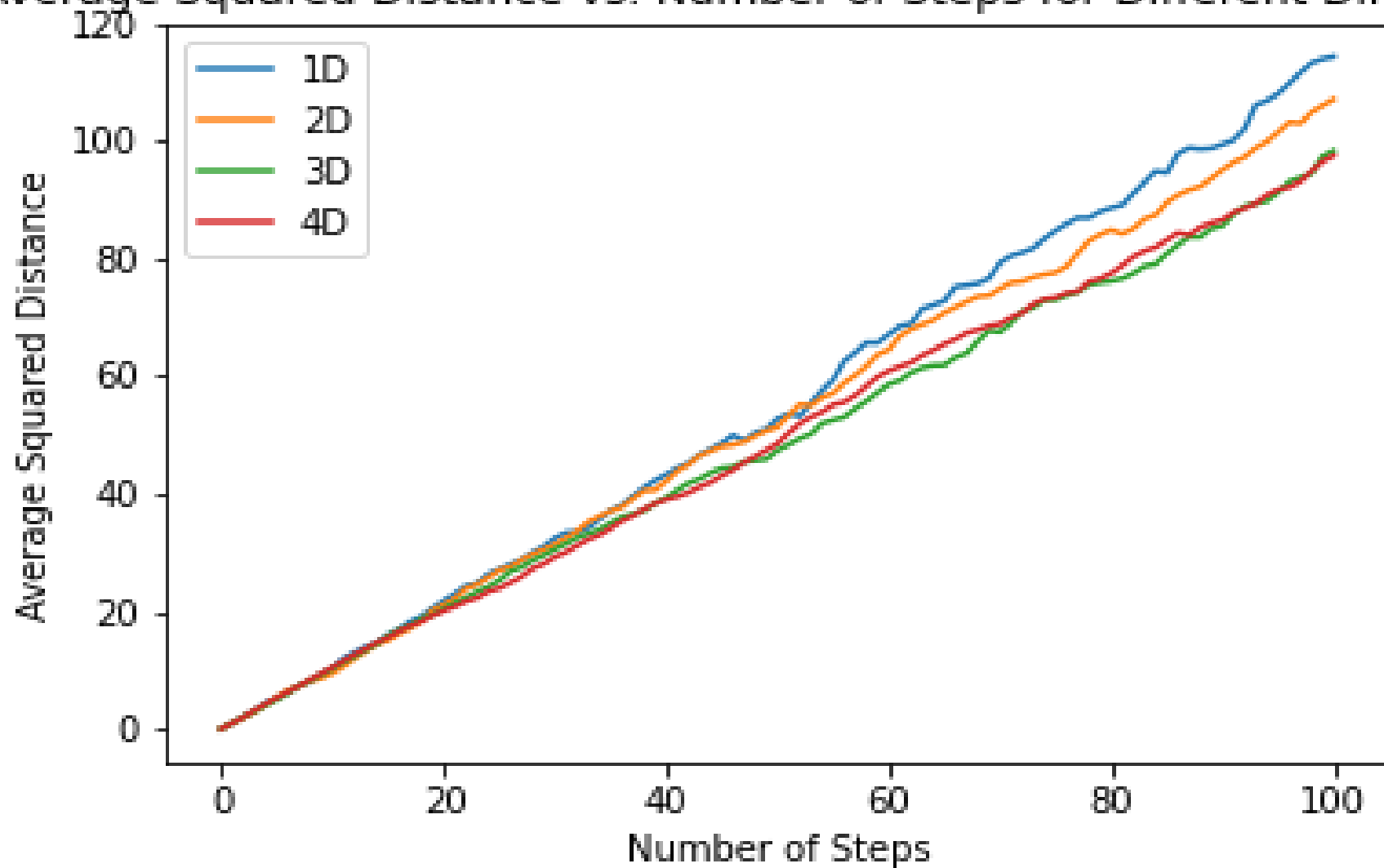
Gradient Descent Trajectories on Banana Function



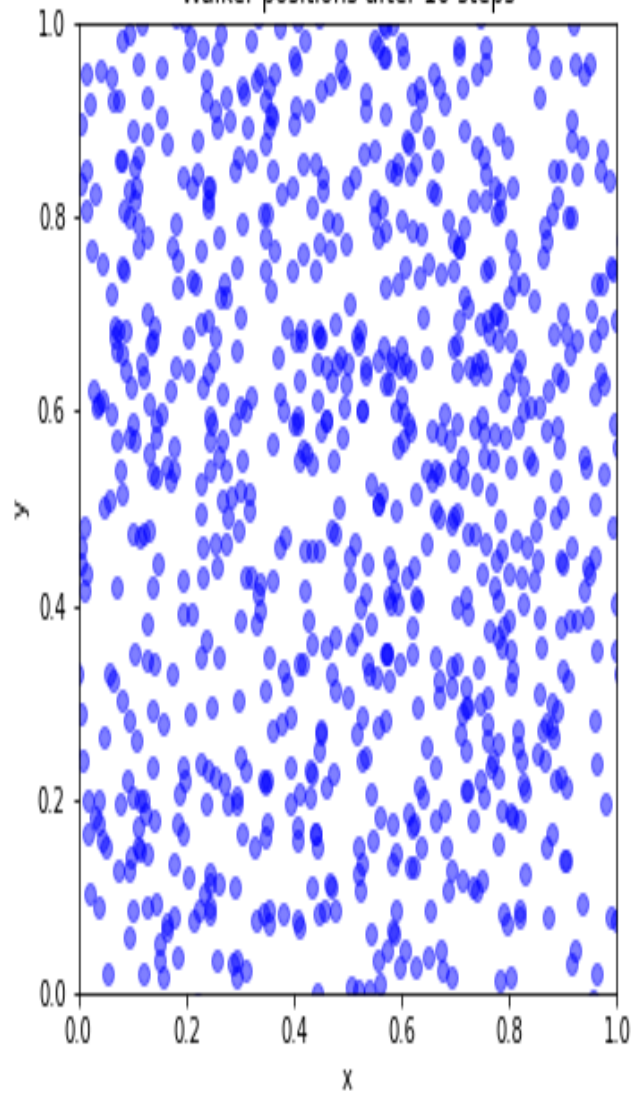
1D Random Walk: Average Position and Average Squared Position



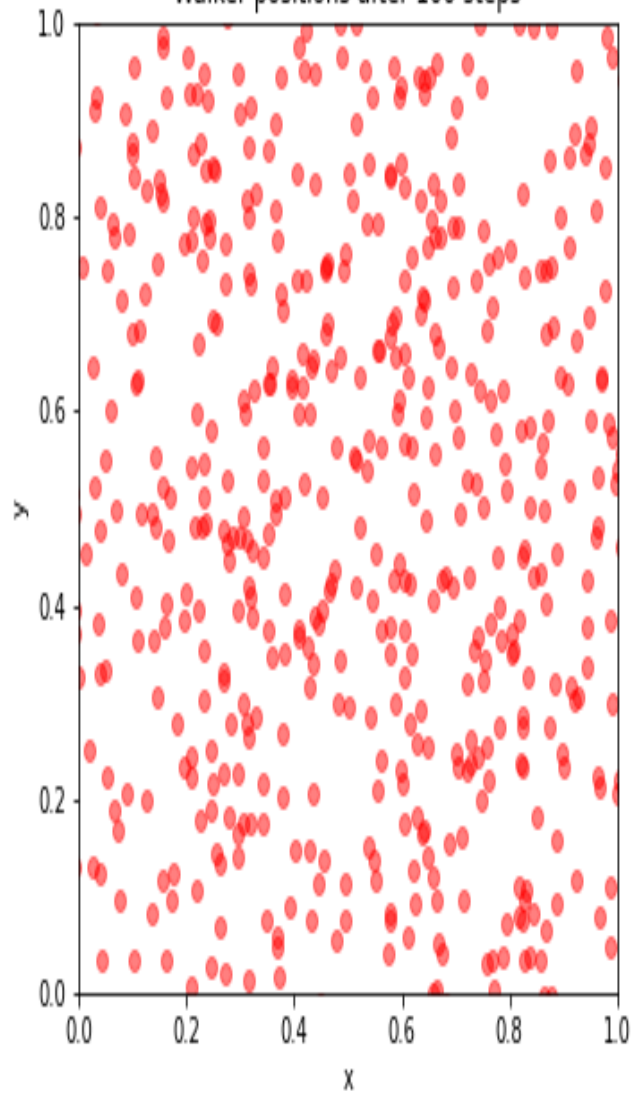
Average Squared Distance vs. Number of Steps for Different Dimensior



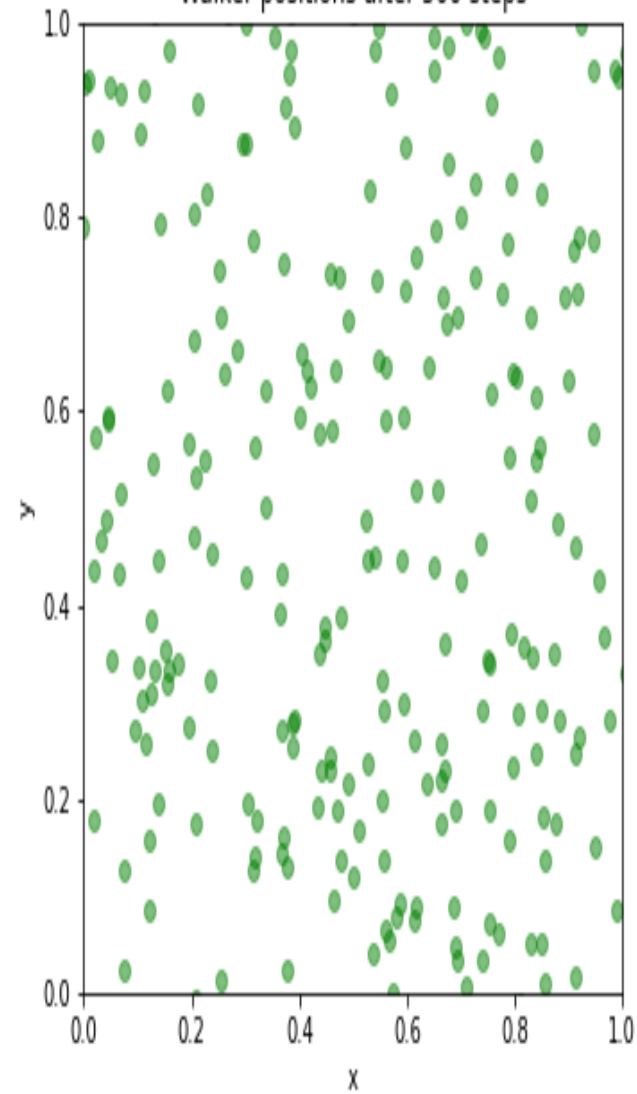
Walker positions after 10 steps



Walker positions after 100 steps



Walker positions after 500 steps



AI?