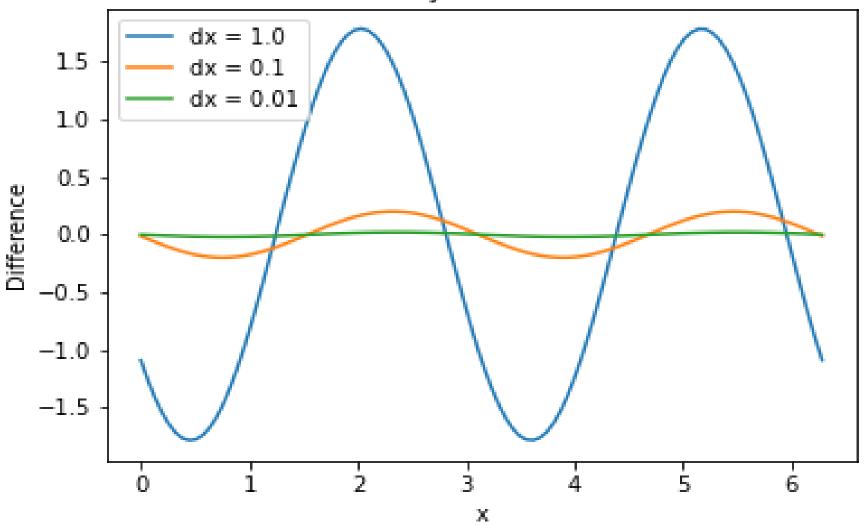
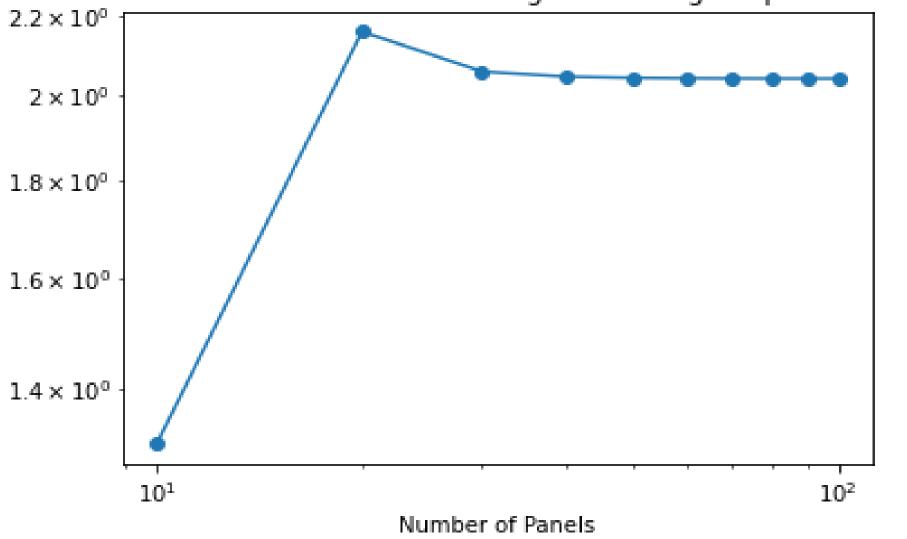


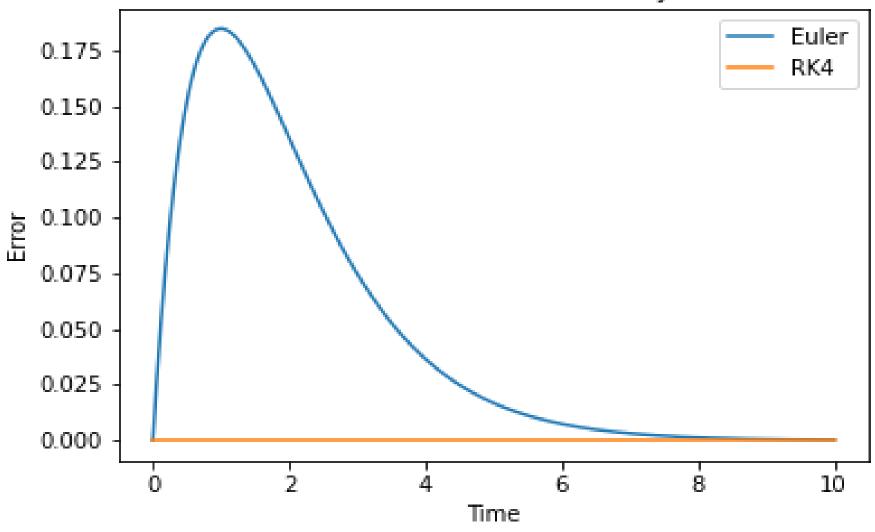
Difference between Analytical and Numerical Derivatives



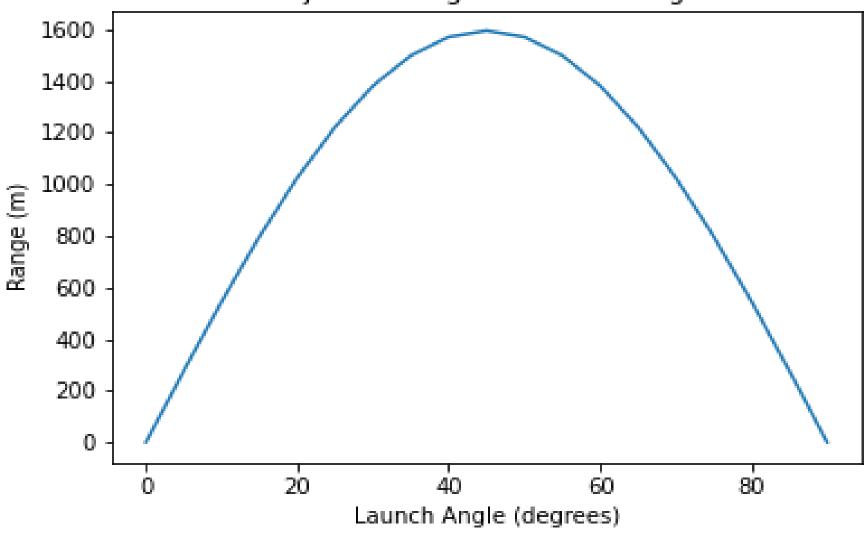
Fractional Error in Numerical Integration using Simpson's Rule



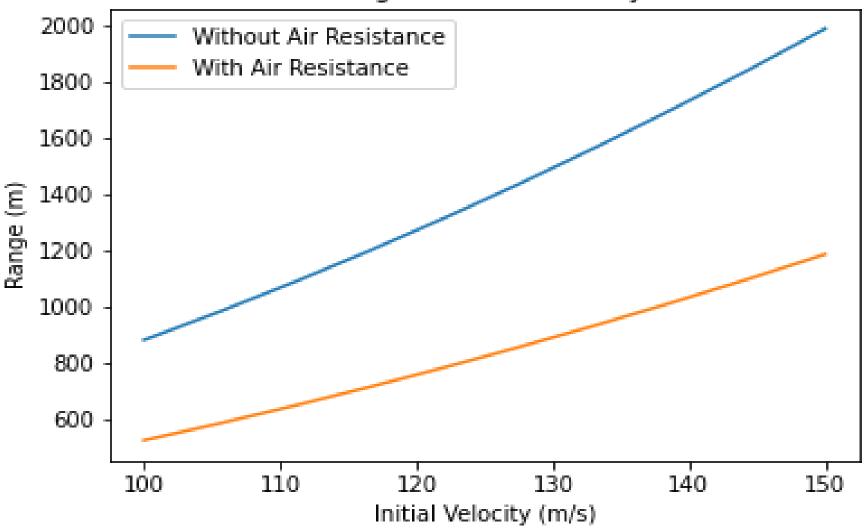
Error in Radioactive Decay



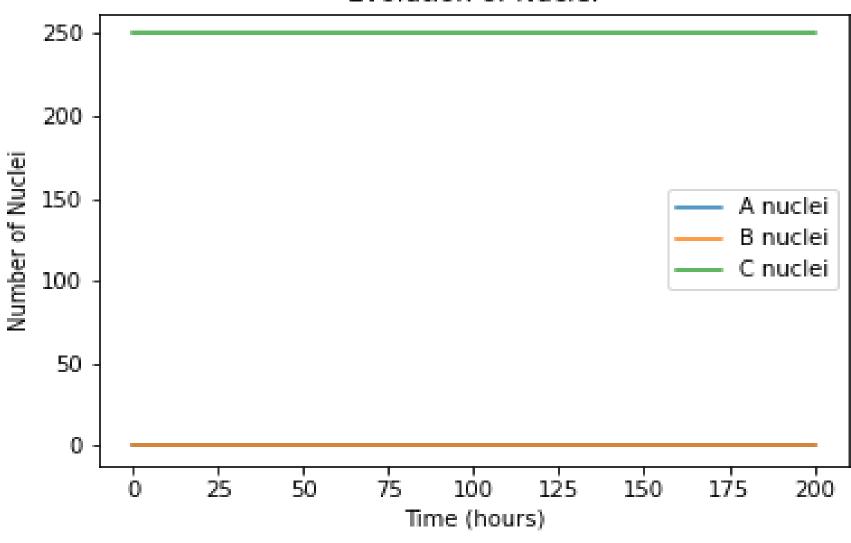
Projectile Range vs Launch Angle



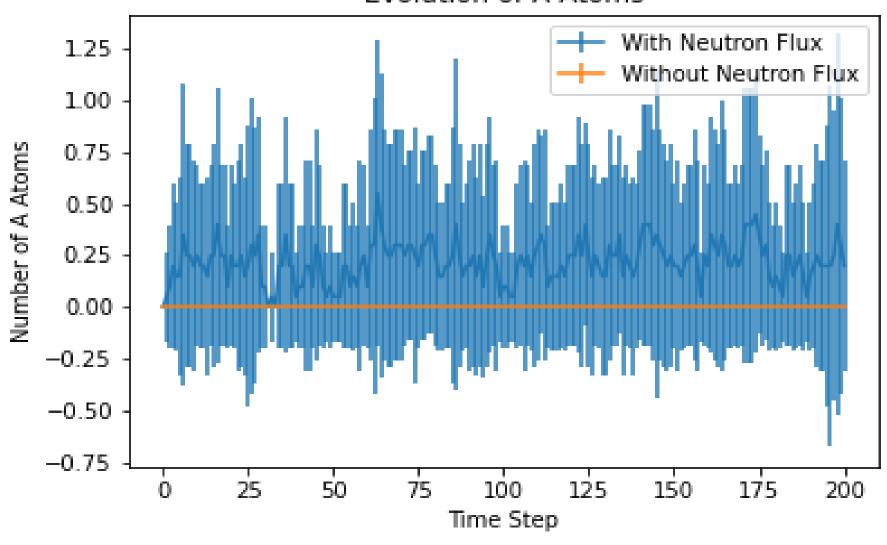
Range vs Initial Velocity

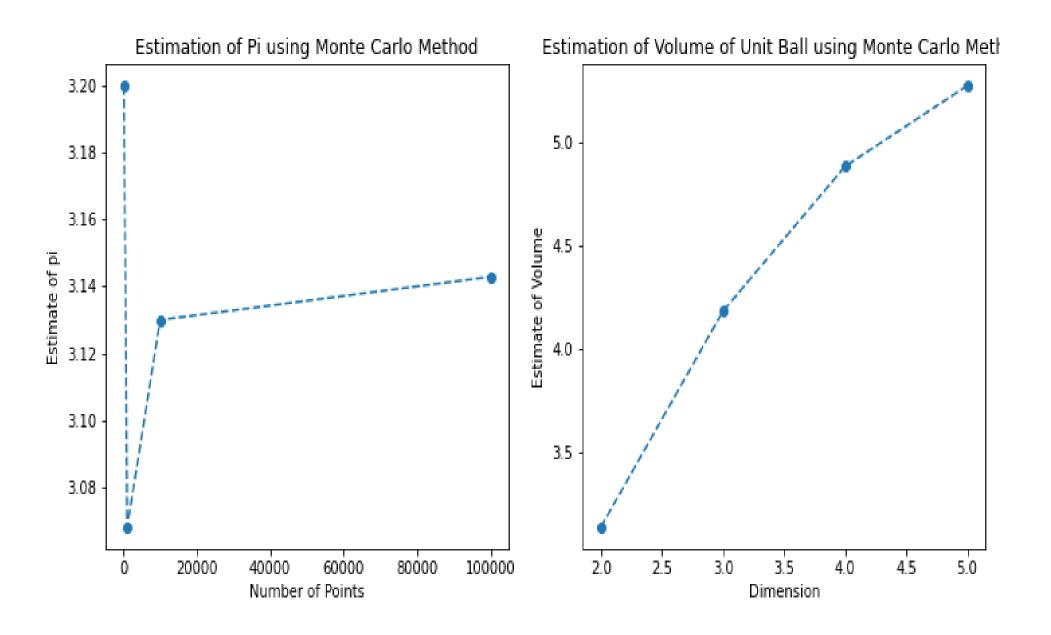




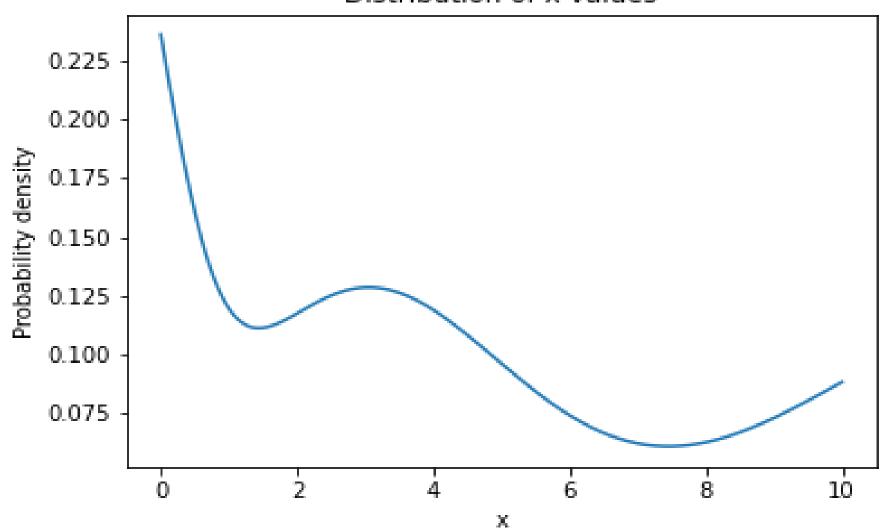


Evolution of A Atoms

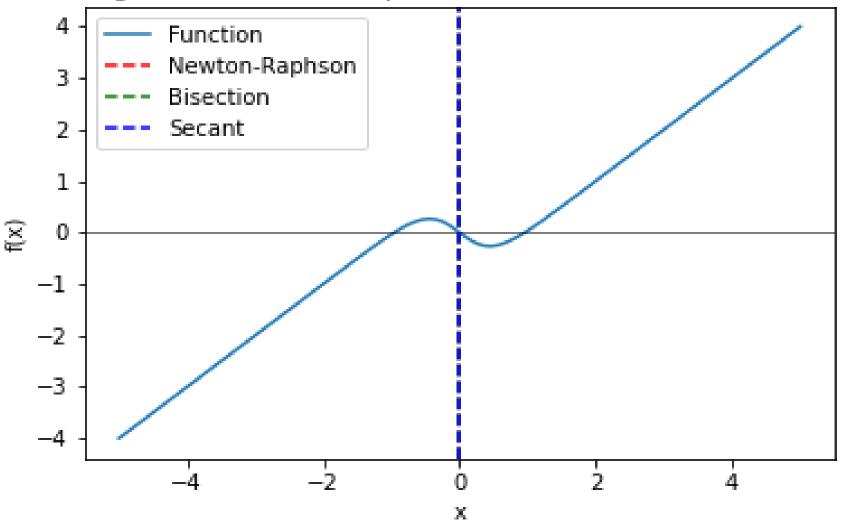


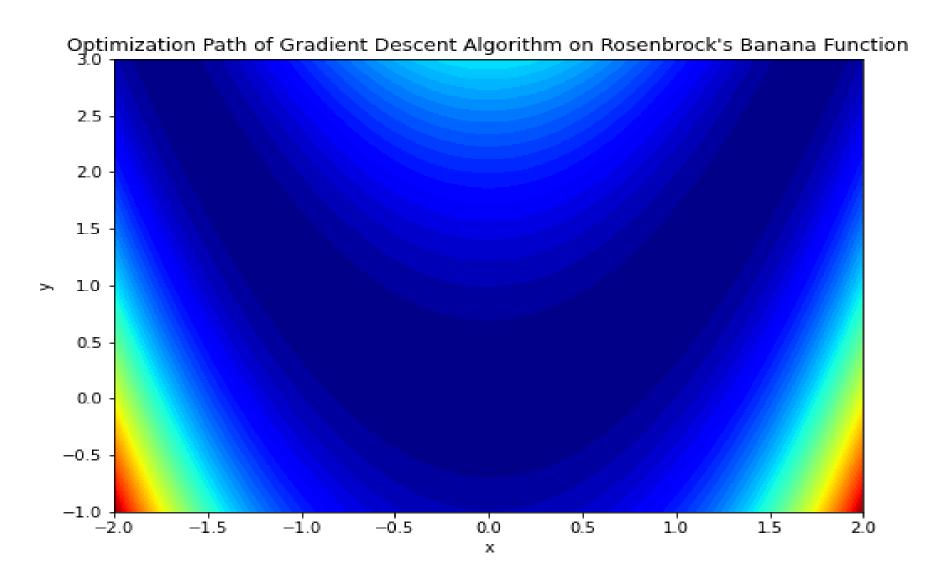


Distribution of x values

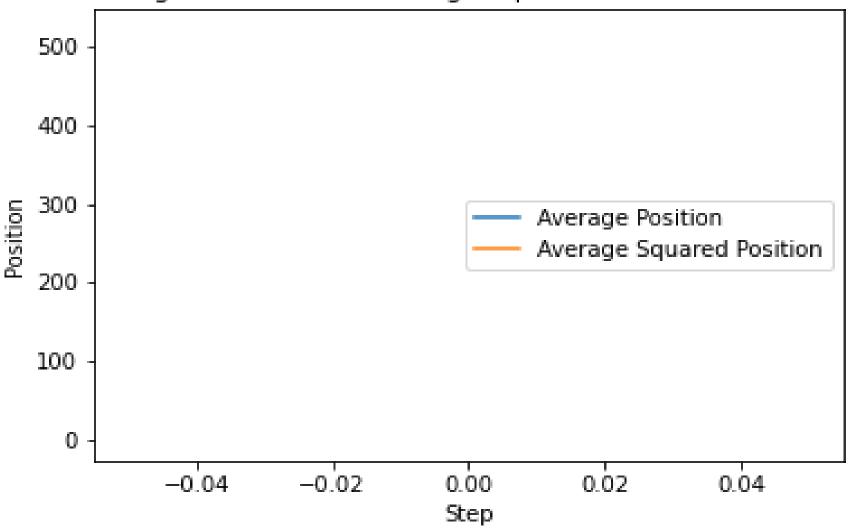


Convergence of Newton-Raphson, Bisection, and Secant methods

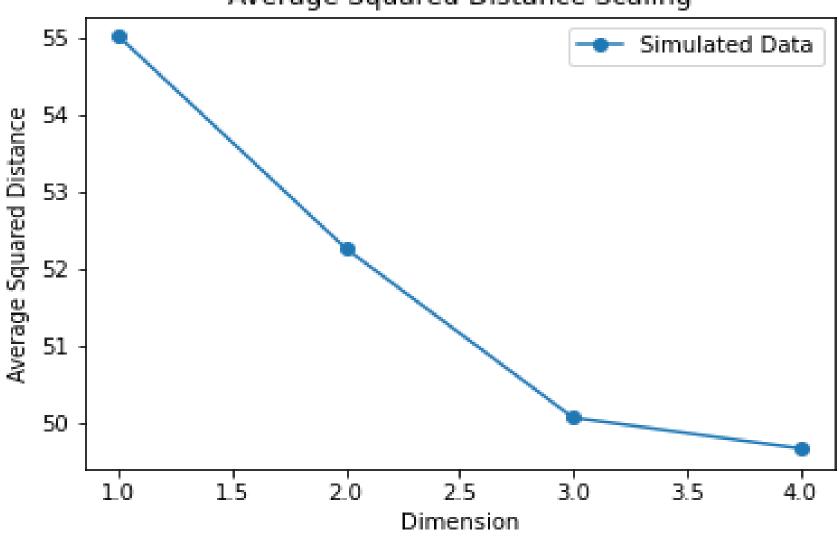




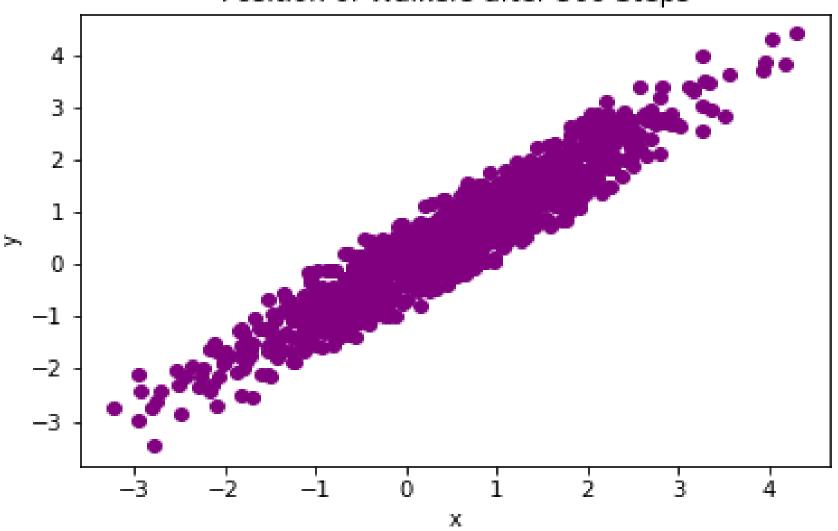
Average Position and Average Squared Position of Walkers



Average Squared Distance Scaling



Position of Walkers after 500 Steps



AI?