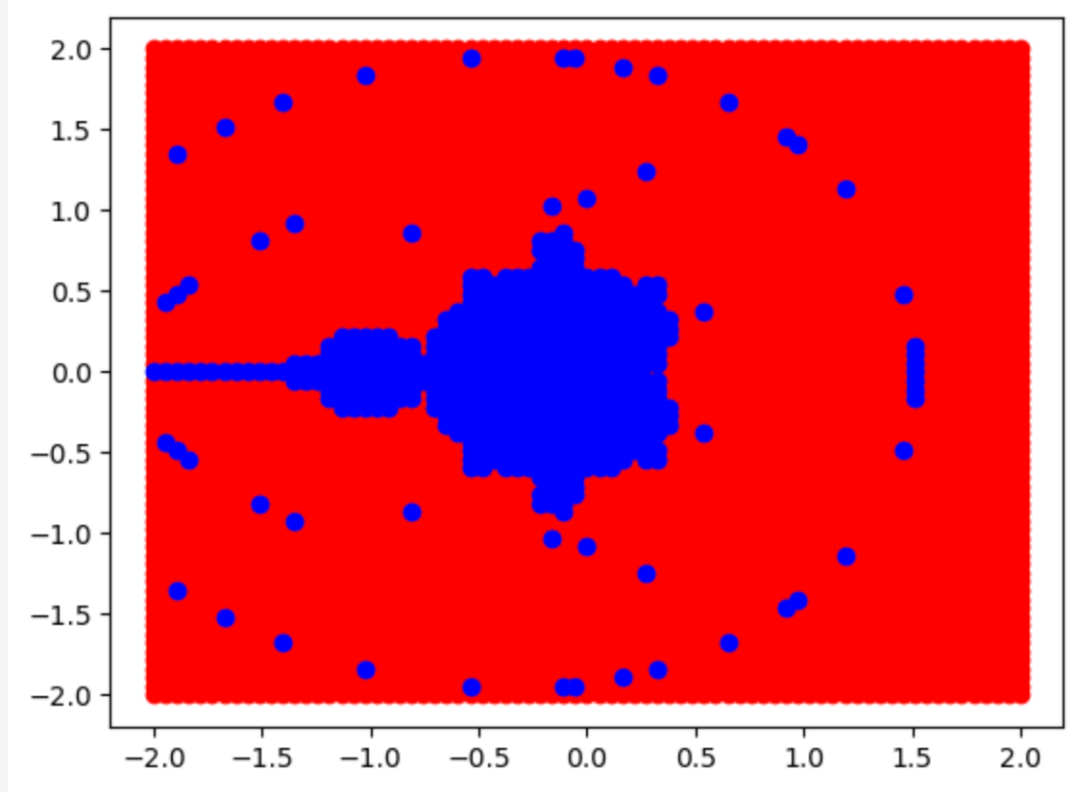

Figure 1: x-y plot for the iterated complex points. Red dots are divergent toward infinity and blue dots are finite.

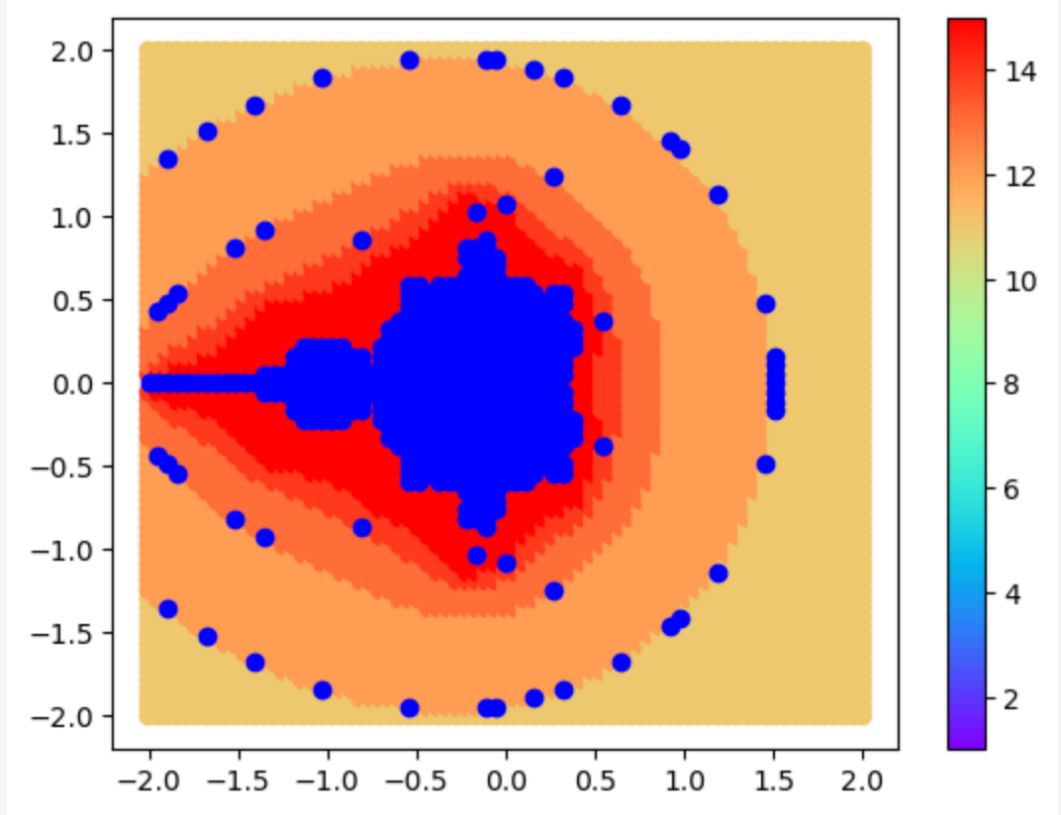

Figure 2: x-y plot for the iterated complex points. Blue dots indicate finite points that do not diverge. Points that diverge are coloured based on the number of iterations needed for them to diverge toward infinity.

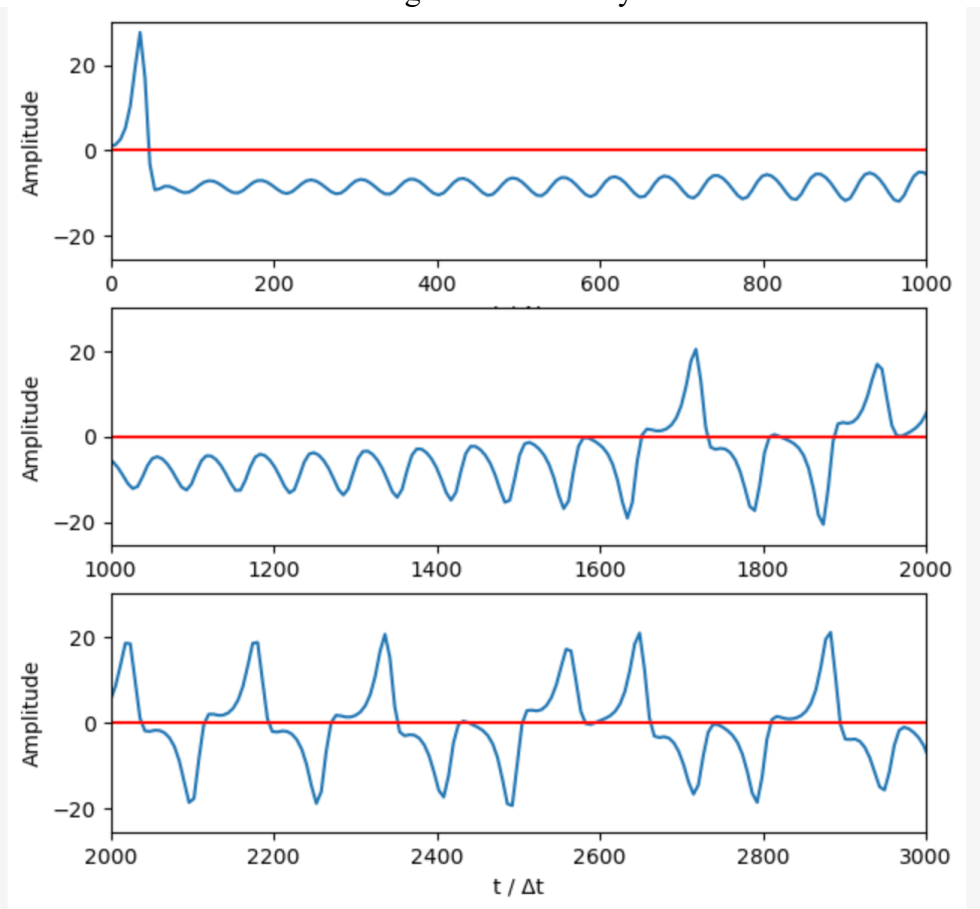

Figure 3: Y solution to the system of differential equations plotted against time / change in time. Split into 3 graphs with t / Δt from [0, 1000], [1000, 2000], and [2000, 3000].

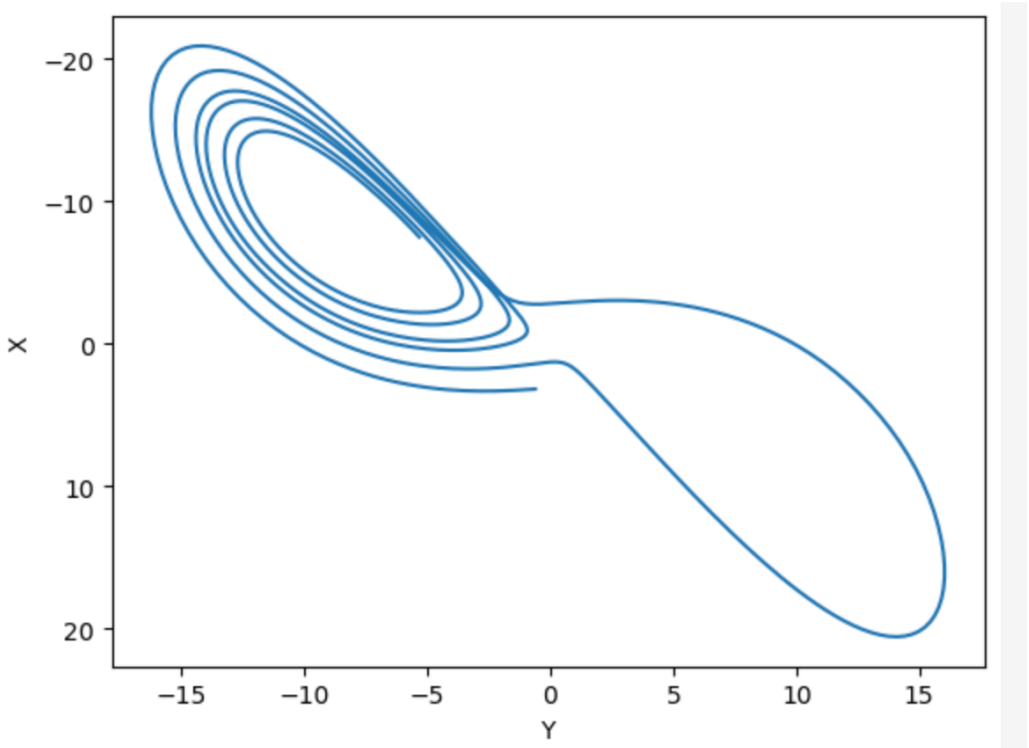

Figure 4: Solution to the initial conditions projected onto the X-Y plane.

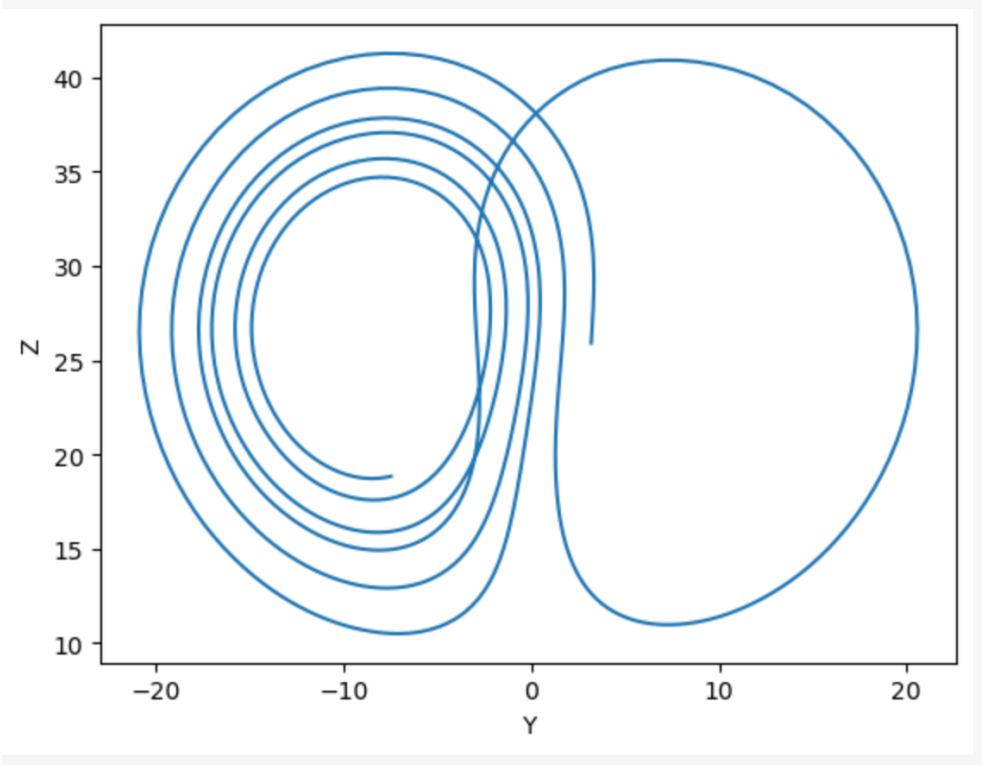

Figure 5: Solution to the initial conditions projected onto the Y-Z plane.

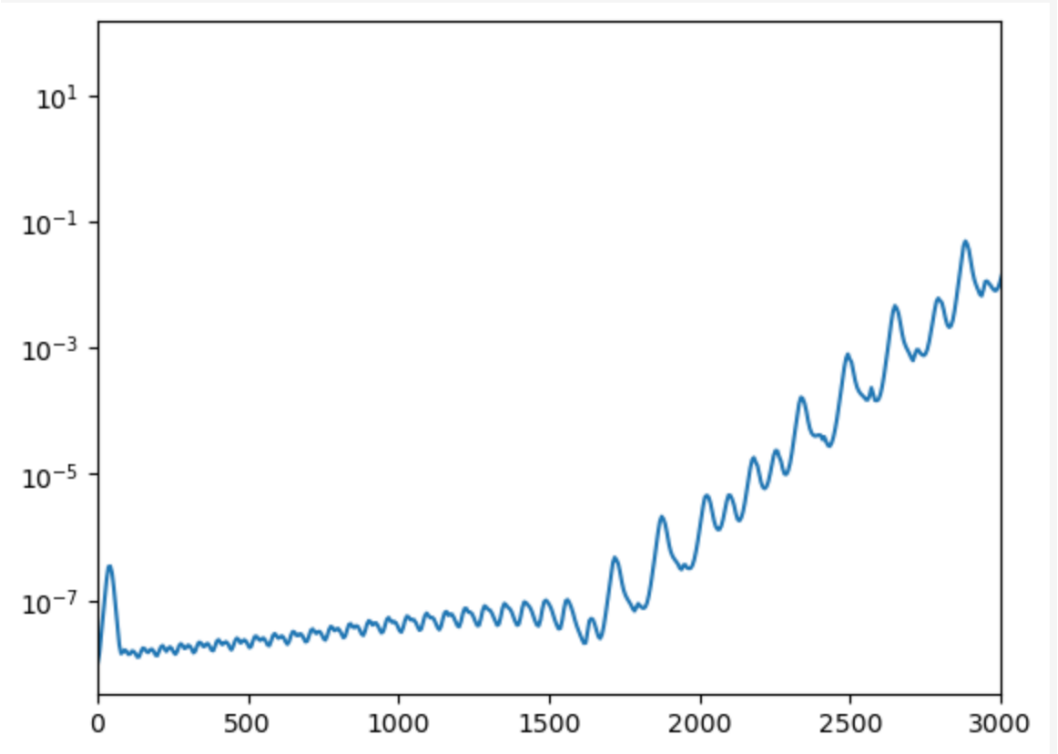

Figure 6: Difference in distance for solutions created from slightly differing initial conditions plotted on a y-log scale.