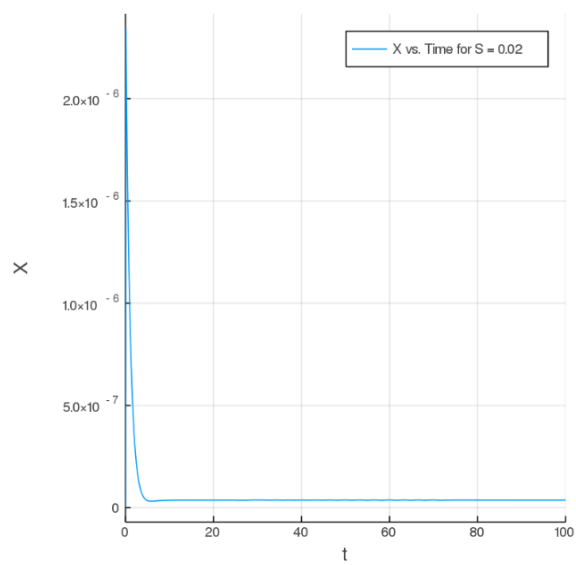
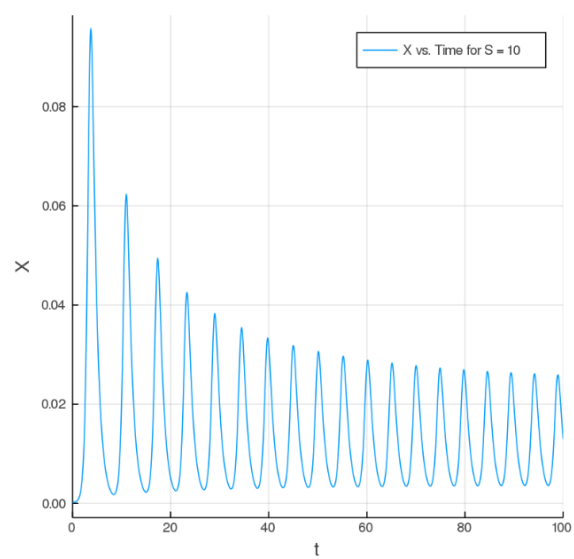


Plot of X vs. Time for all Values of S

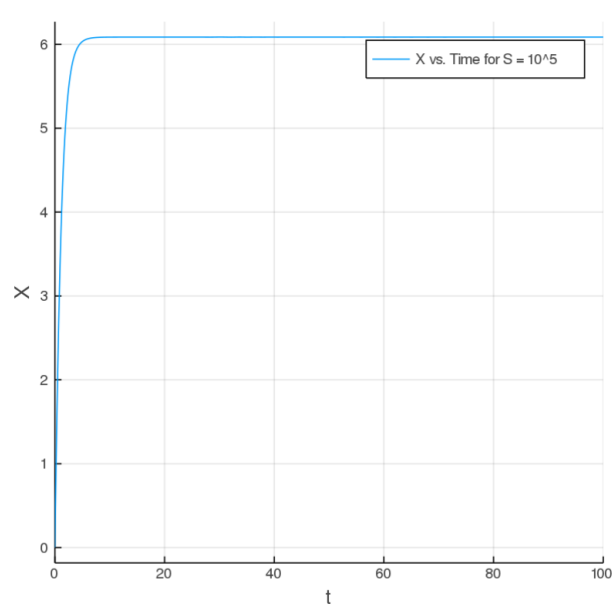
Note: - To get a better look at the trend for $S = 0.02$ and $S = 10$, the plots in the following page represent the change in X with respect to time, for each value of S.



Plot of X vs. Time for S = 0.02



Plot of X vs. Time for S = 10



Plot of X vs. Time for S = 10^5