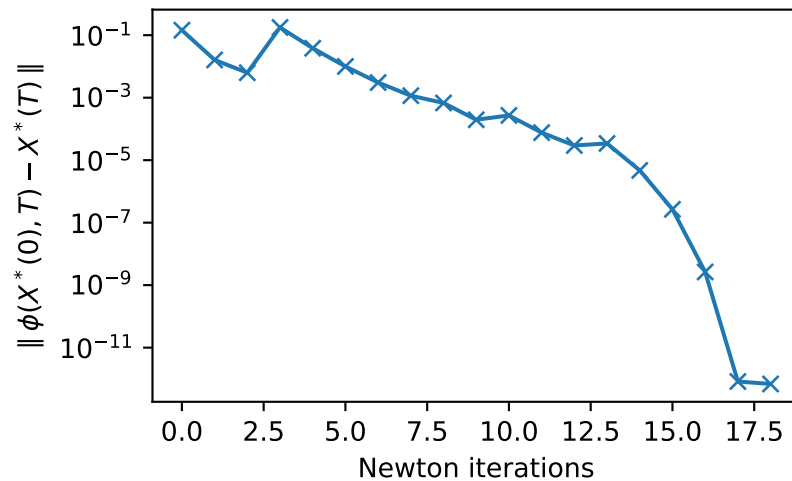
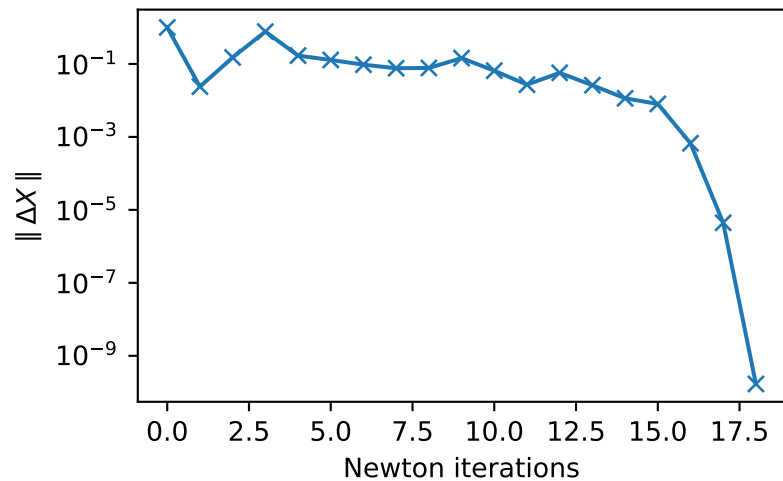
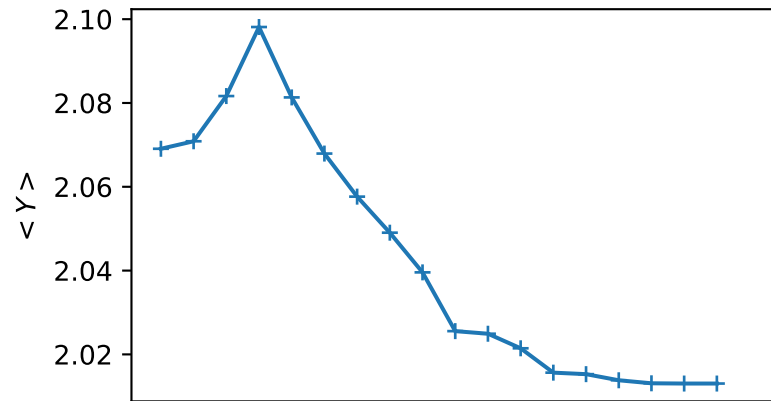
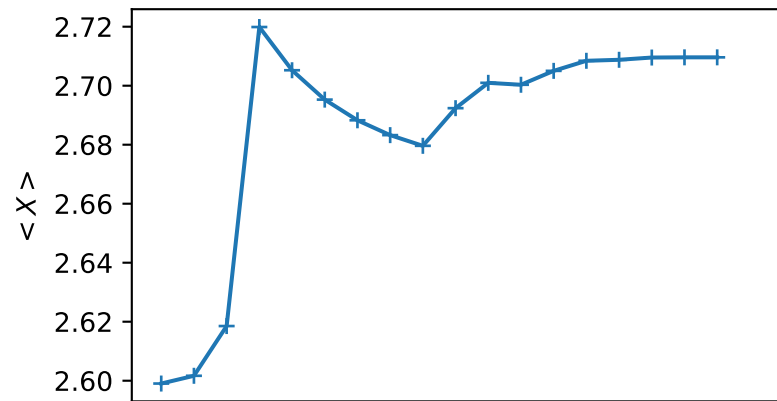
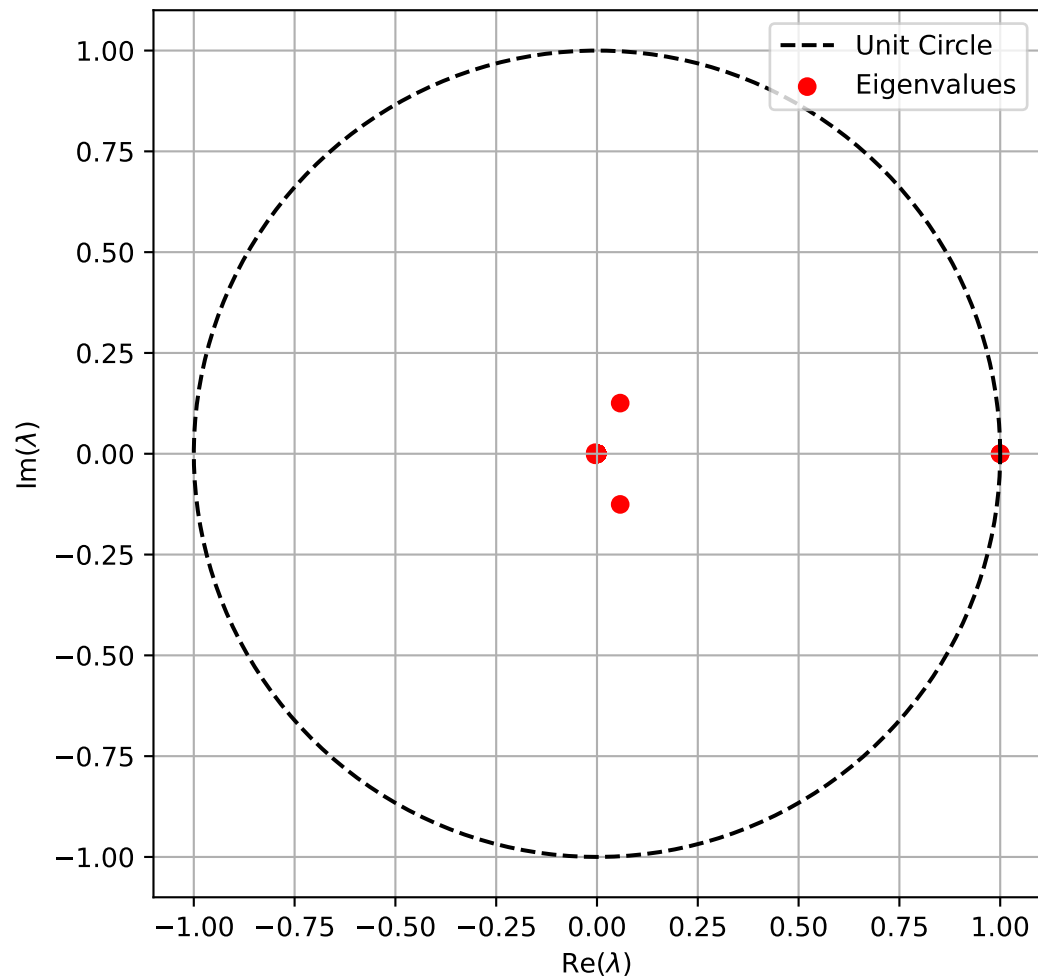


# Brusselator model: Newton method convergence check: $L = 0.5130$

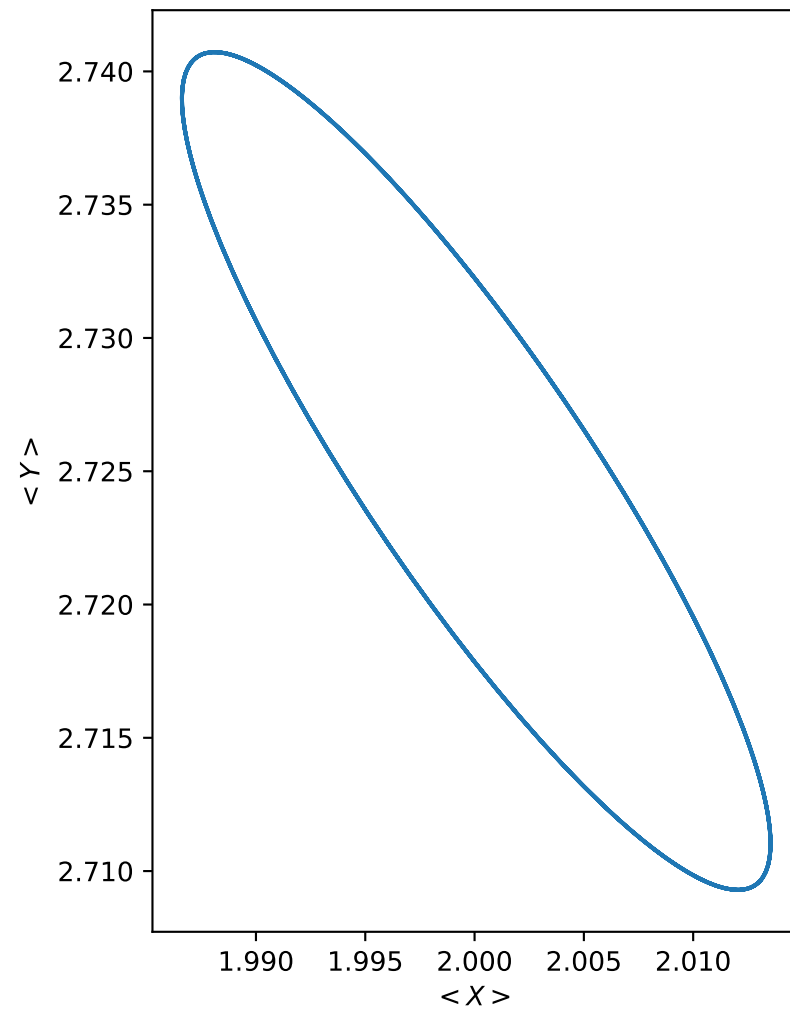
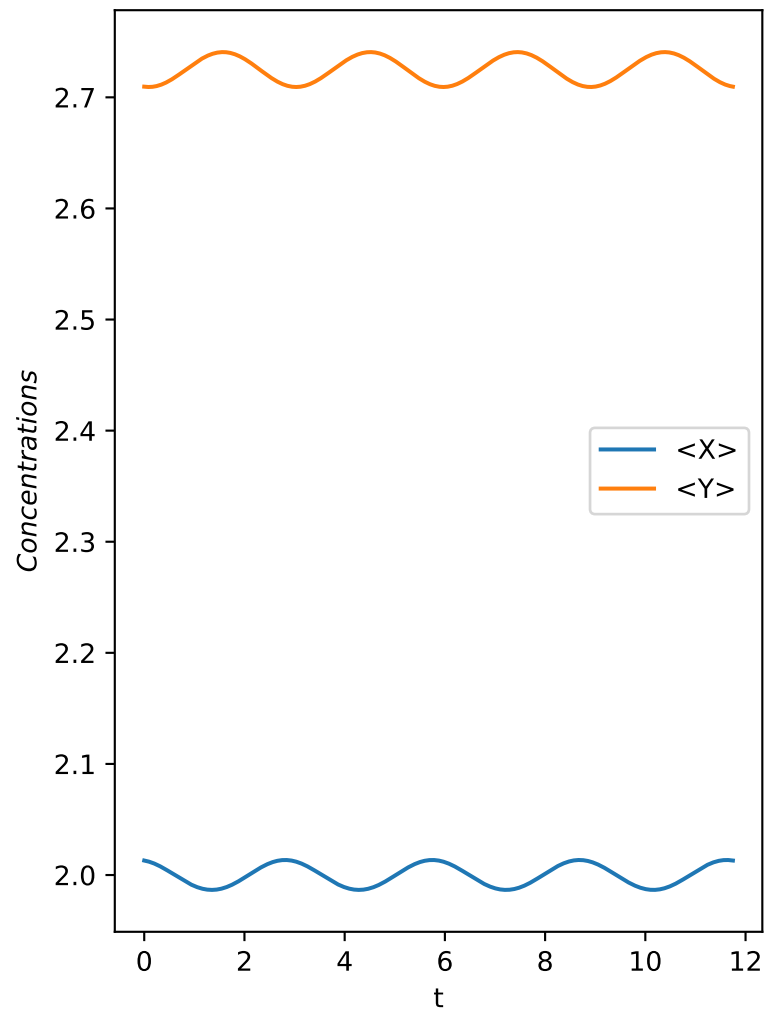
$T^* = 2.9369$



Eigenvalues of the Monodromy matrix on Complex Plane  
with  $L = 0.513$



Brusselator Model with Dirichlet BCs: Periodic orbit after Newton shooting method



Heatmap of X and Y Concentrations in Brusselator Model

