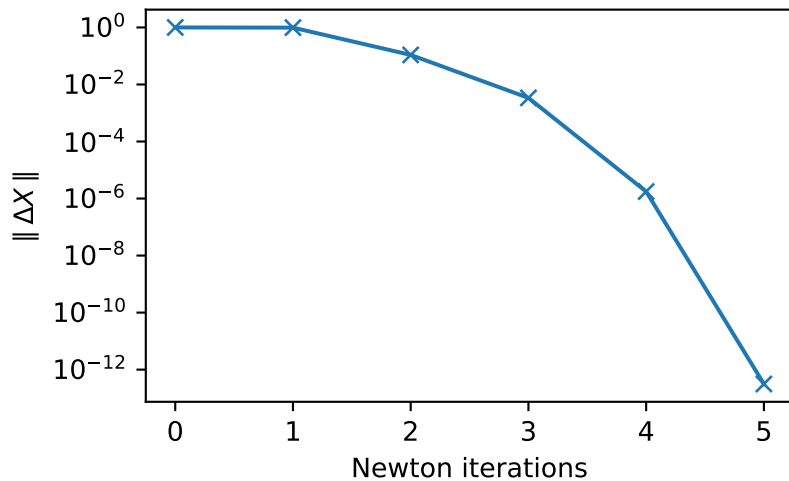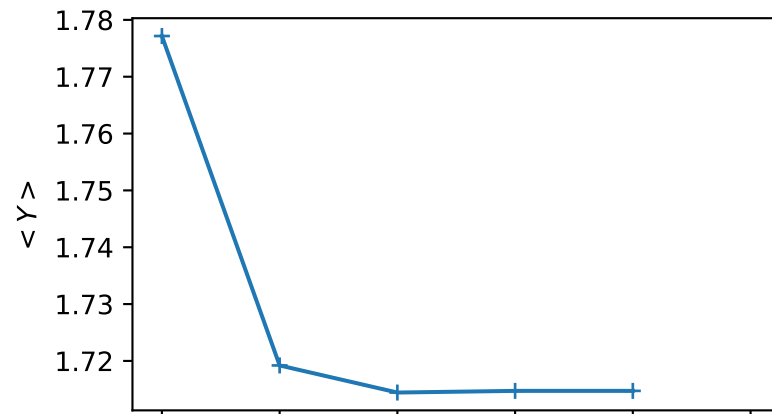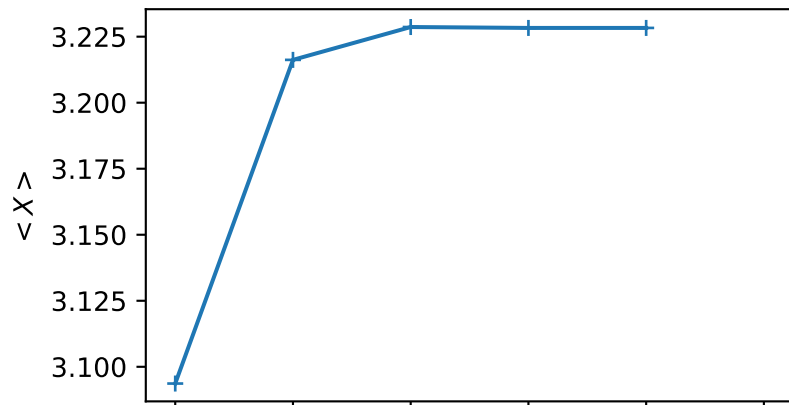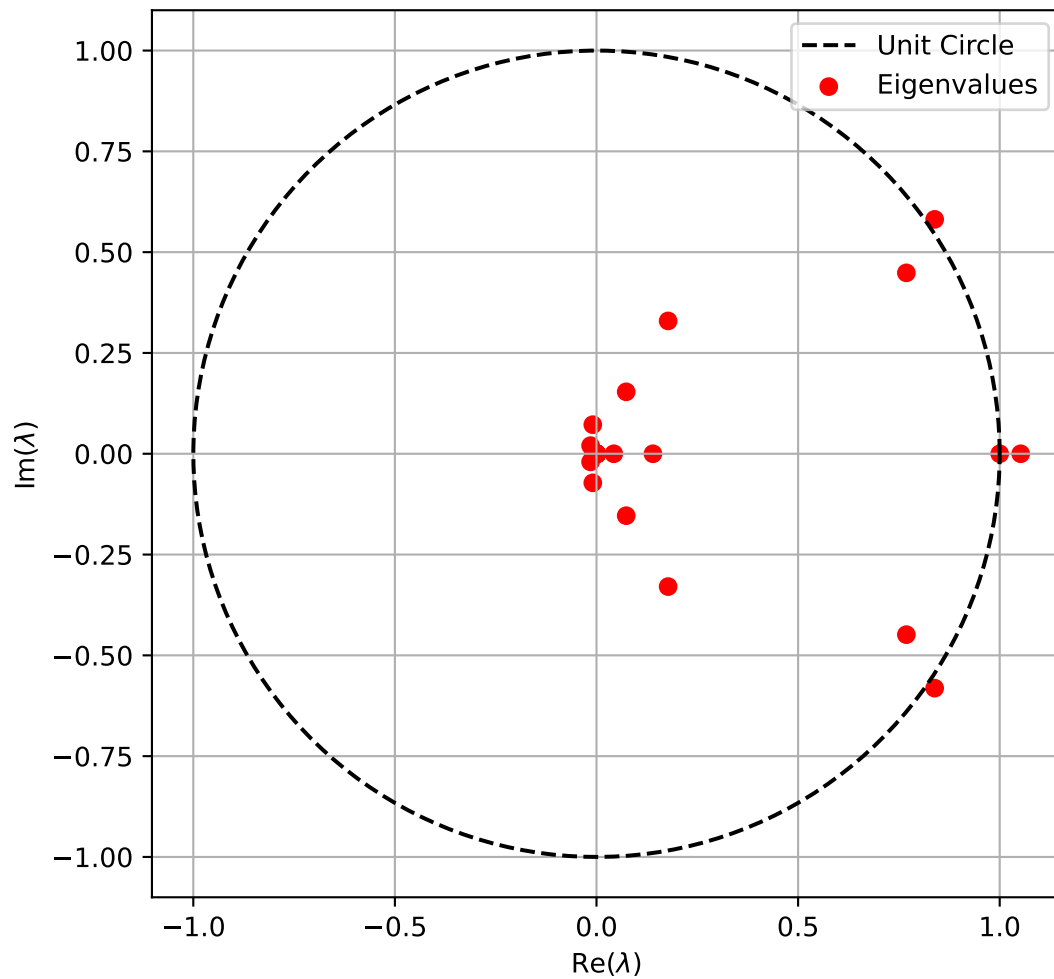Brusselator model: Newton method convergence check: $L = 1.8000$
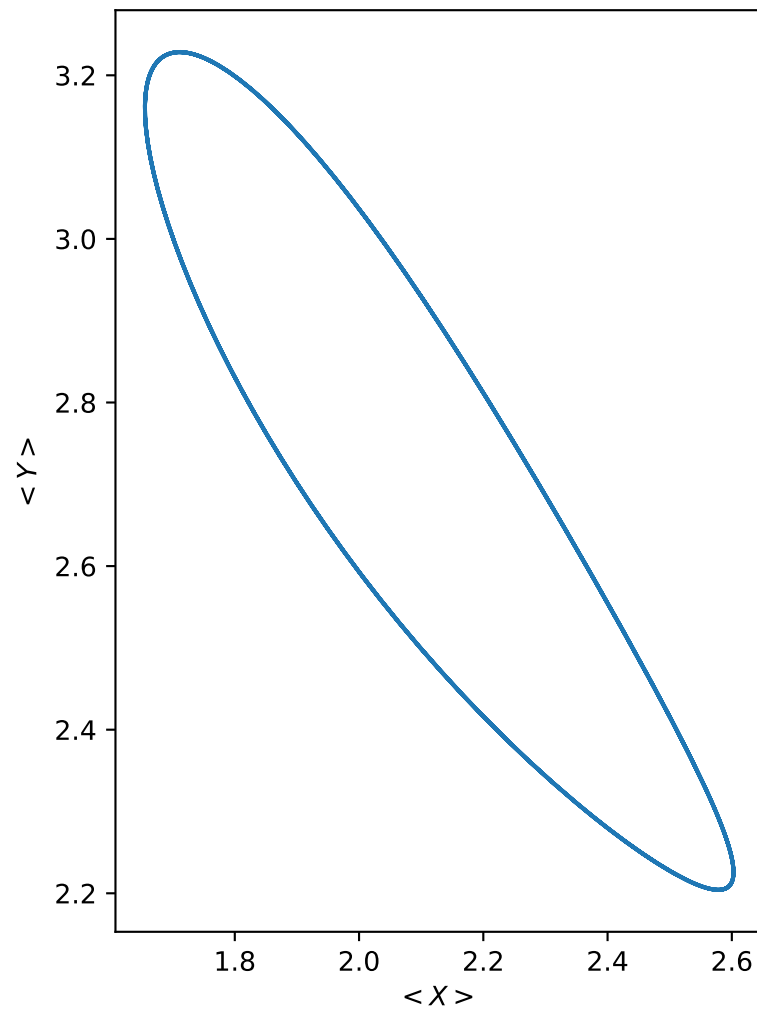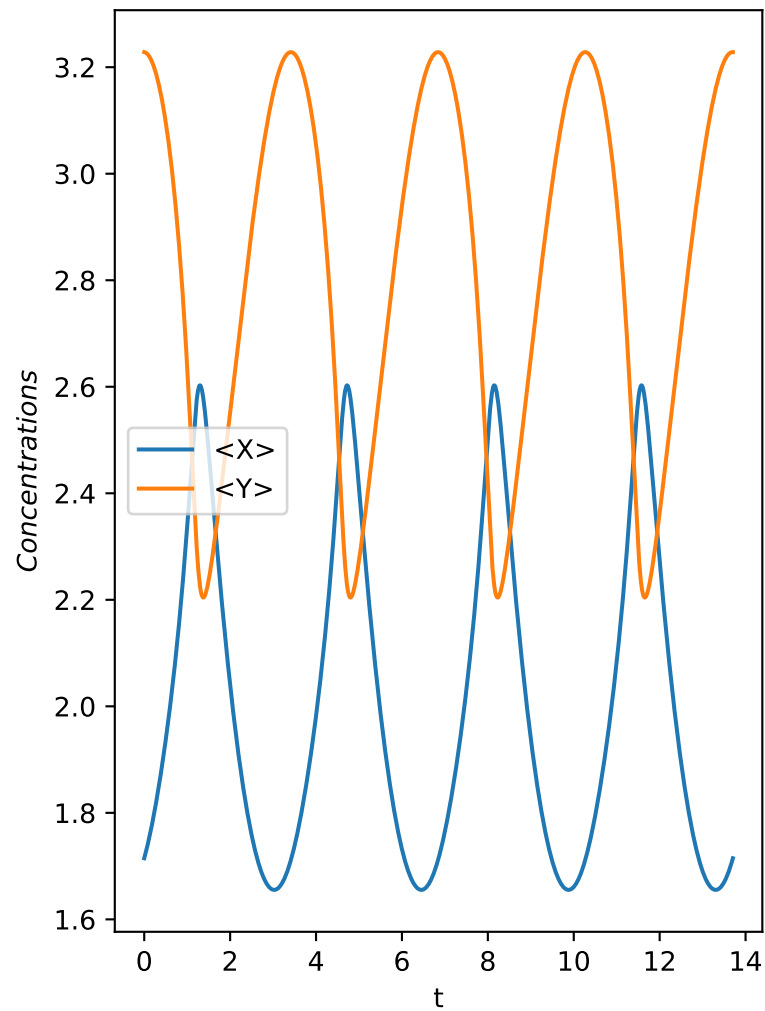$T* = 3.4263$
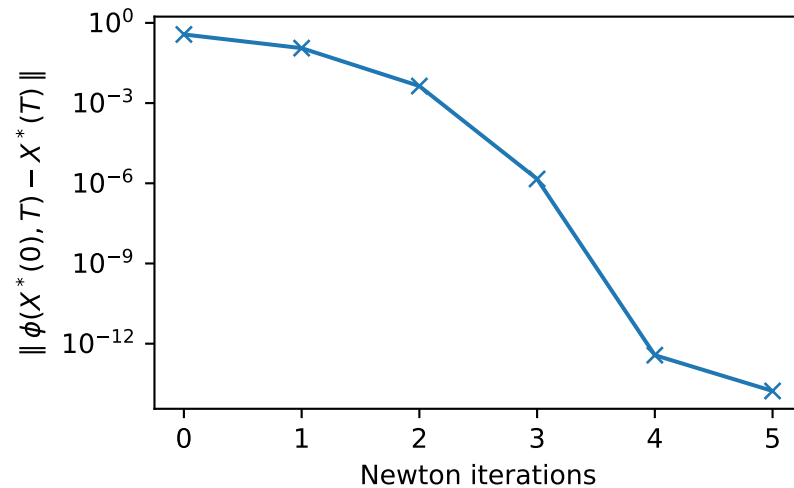
Eigenvalues of the Monodromy matrix on Complex Plane
with L = 1.8

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

Heatmap of X and Y Concentrations in Brusselator Model