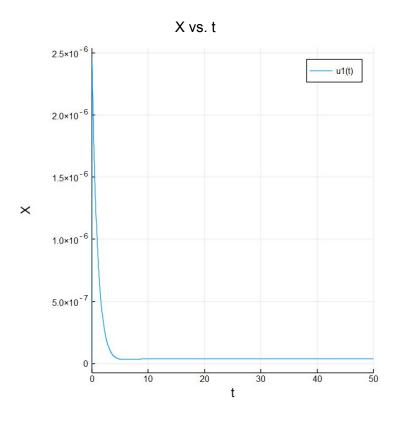
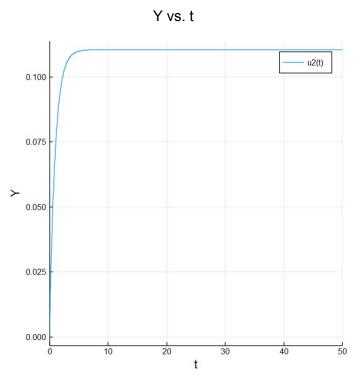
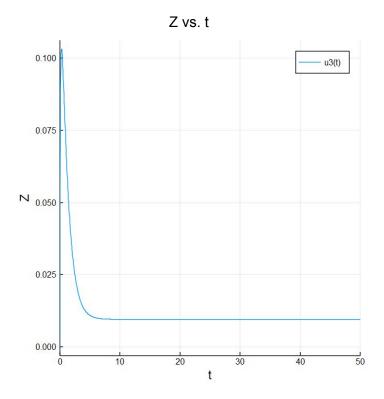
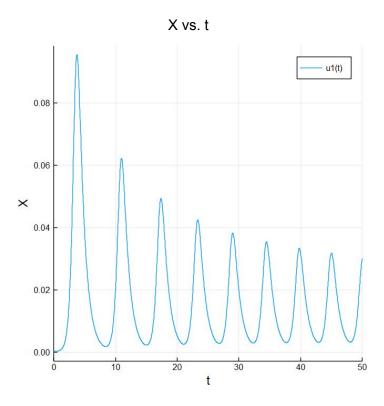
For S=0.02

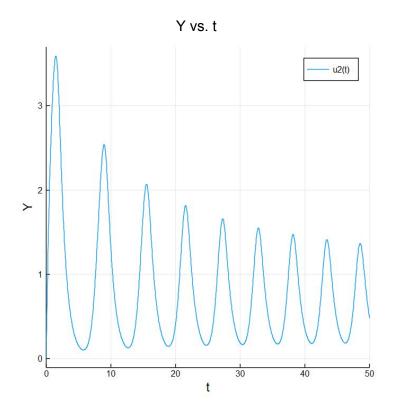


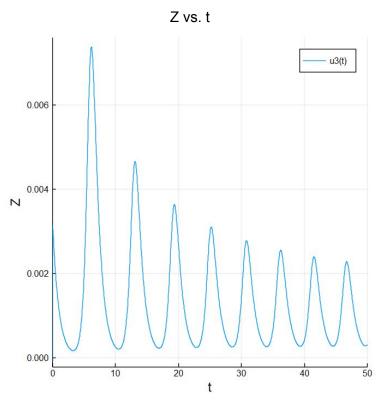




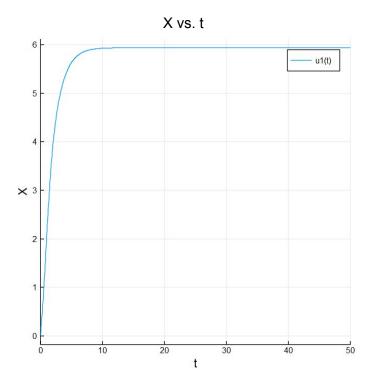
For S=10

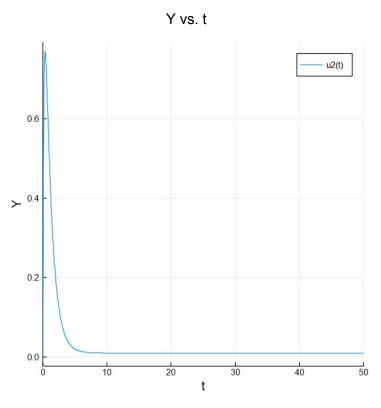


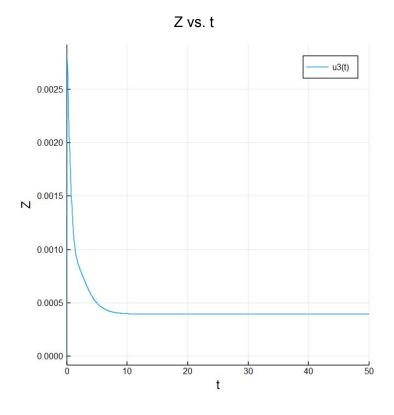




For S=10⁵

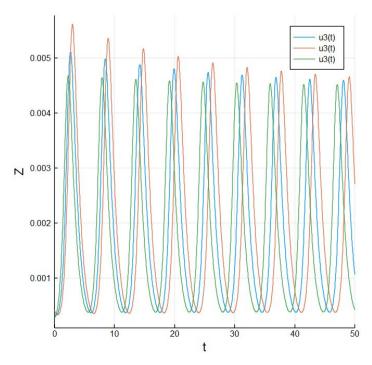






Question 2 Part e

For steady state below but near the Hopf bifurcation:



For steady state above but near the saddle bifurcation:

