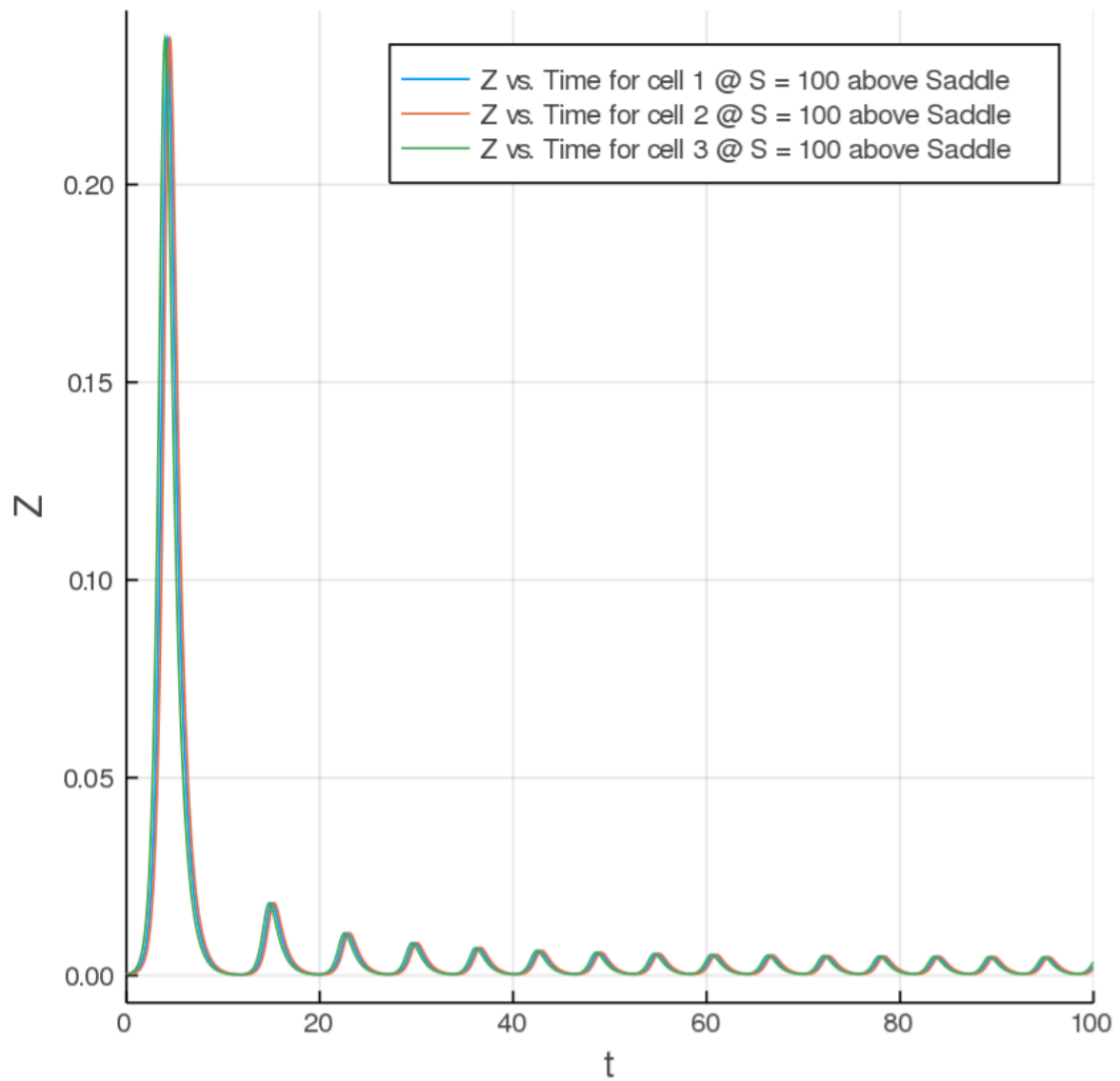


Plot of Z vs. Time for the 3 cells when increasing S from 0.1 to 100 at $t = 0$
(i.e passing through the Hopf bifurcation)



Plot of Z vs. Time for the 3 cells when decreasing S from 50000 to 100 at $t = 0$
(i.e passing through the Saddle-node bifurcation)