

Trajectories can’t cross the manifolds of saddle because they are trajectories (uniqueness theorem); 2 implications:

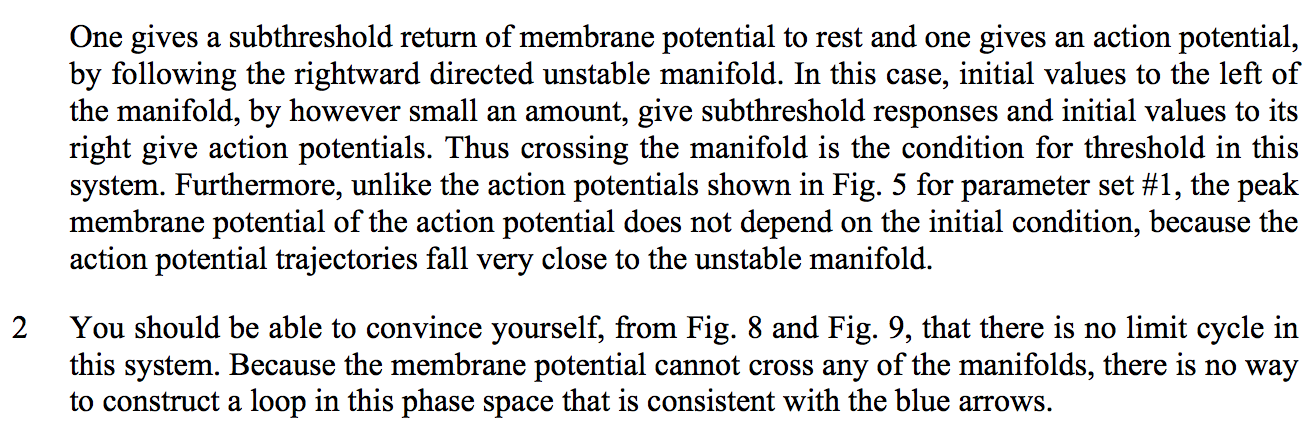
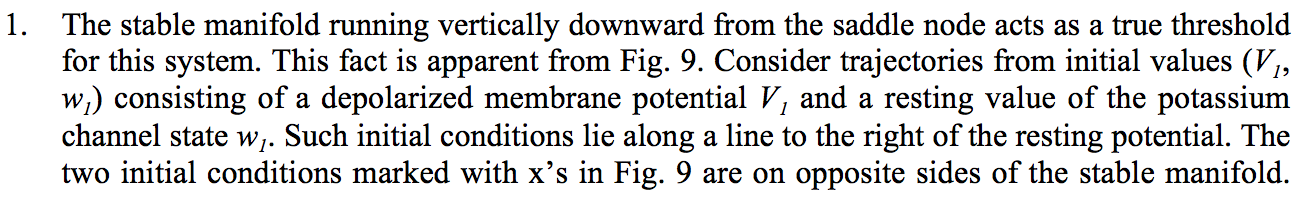
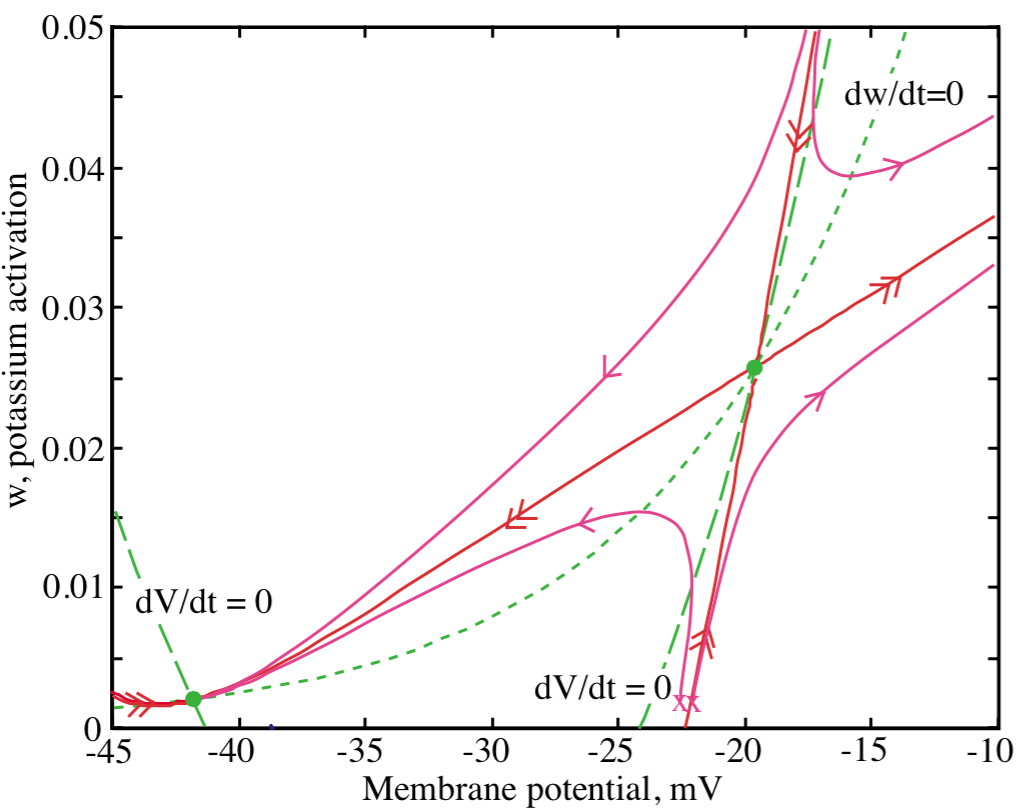
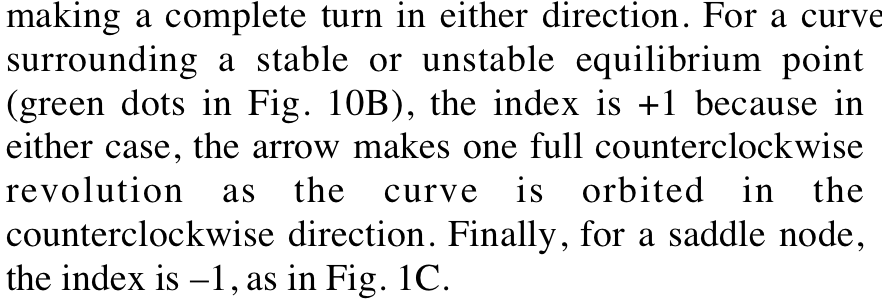
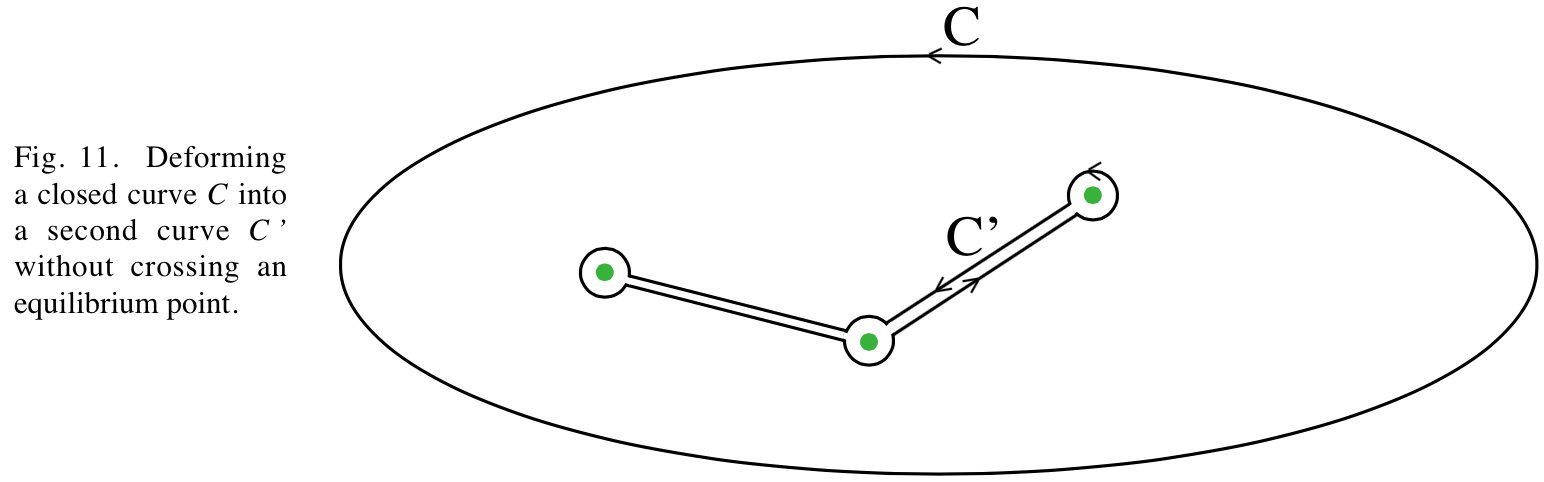
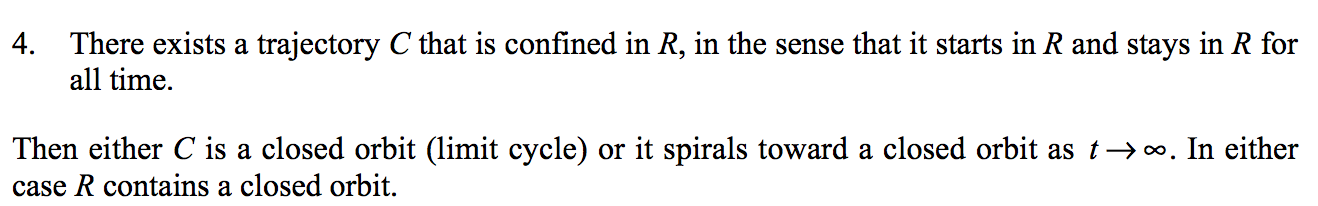
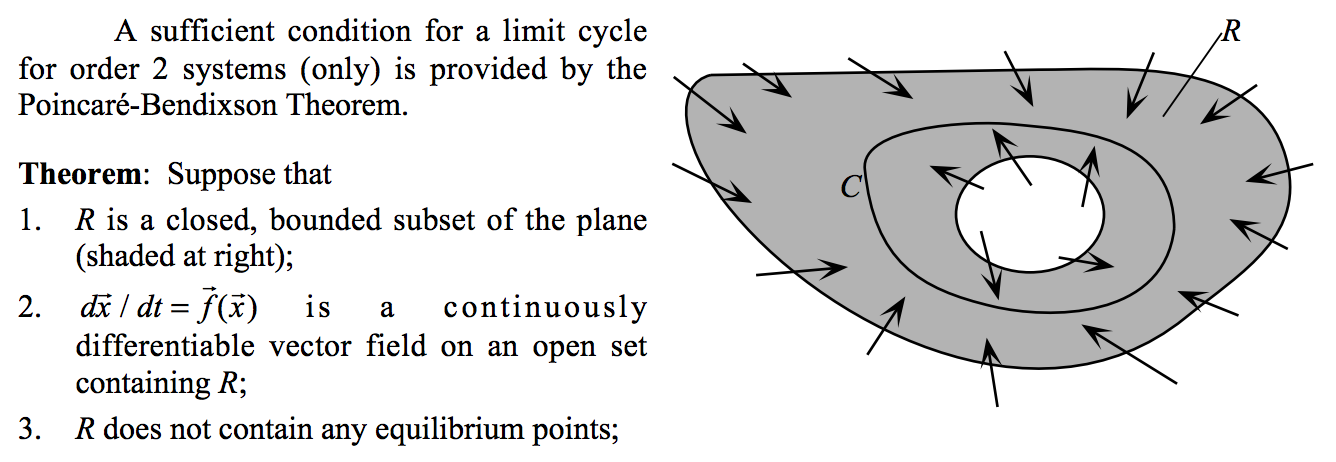


Figure 9:

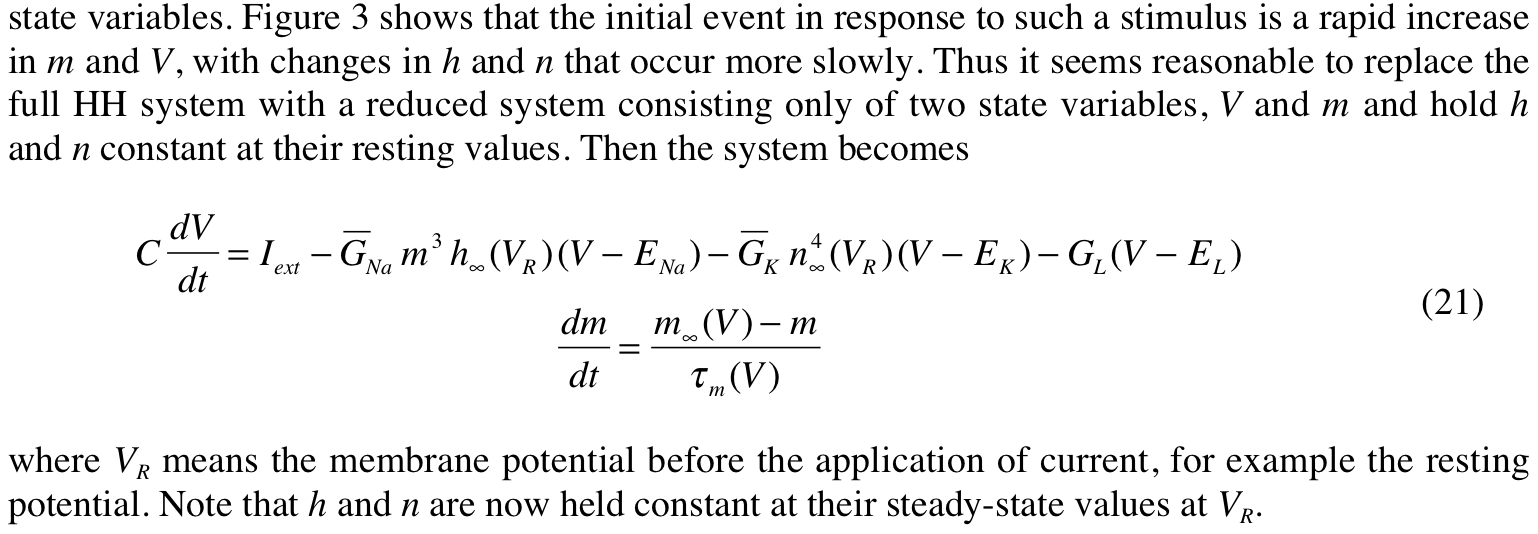








Reduced V-m system:



Bifurcation theory (V-n reduced HH model)

