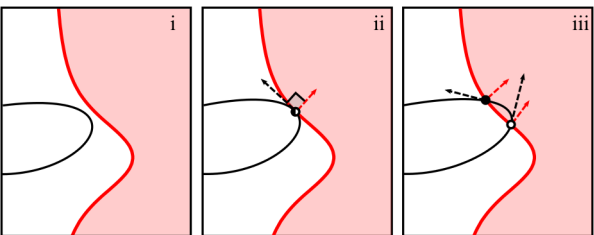
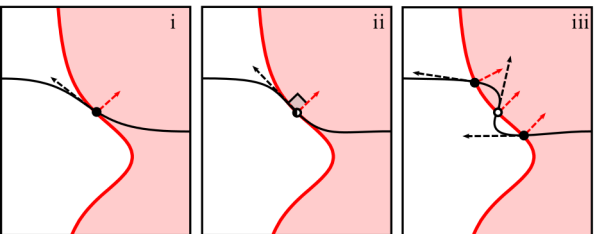


a.) Hopf at origin



b.) Saddle Node Bifurcation of Synchronised Solution



c.) Pitchfork Bifurcation of Synchronised Solution