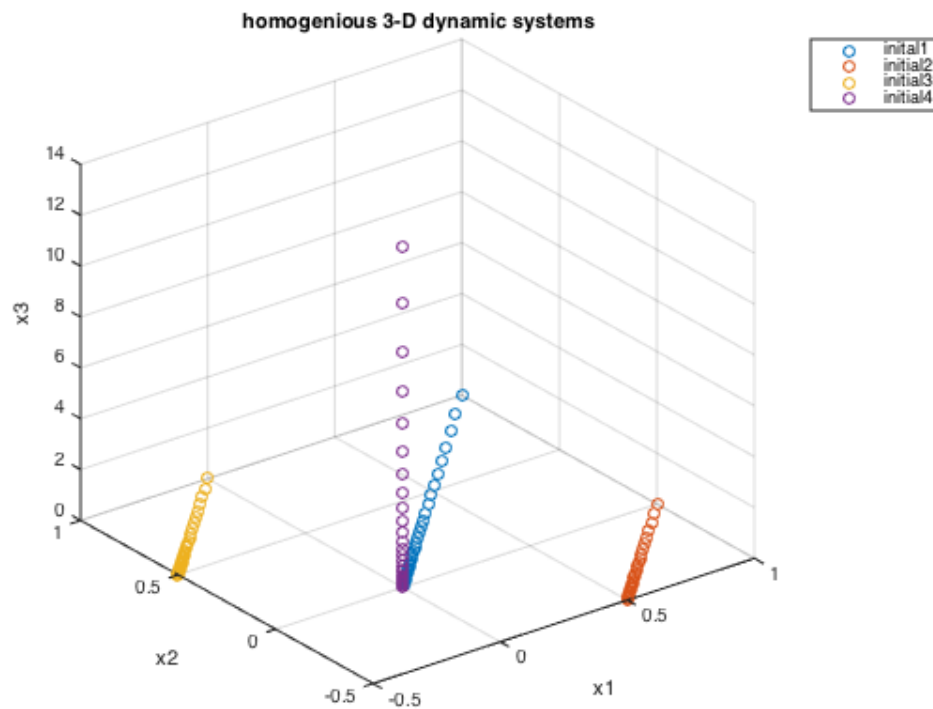
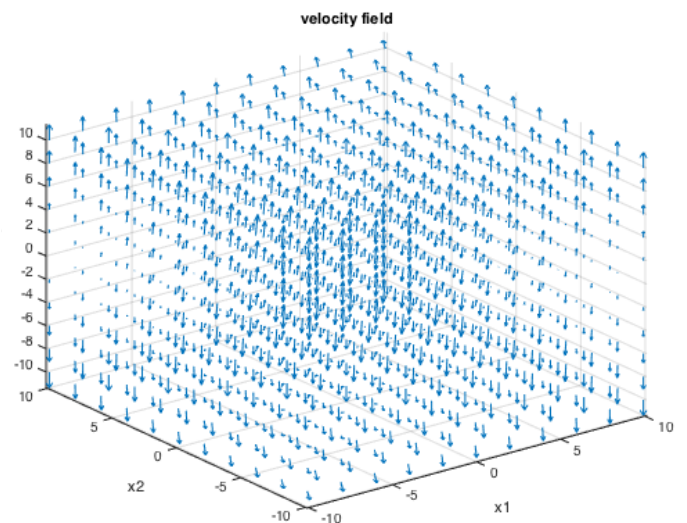
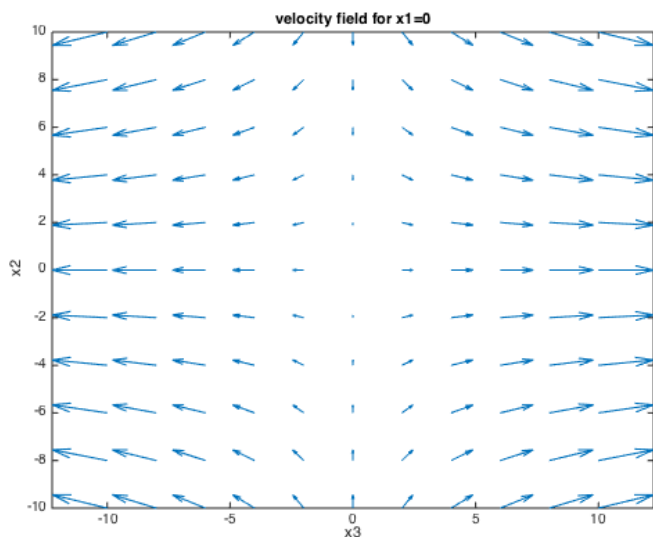
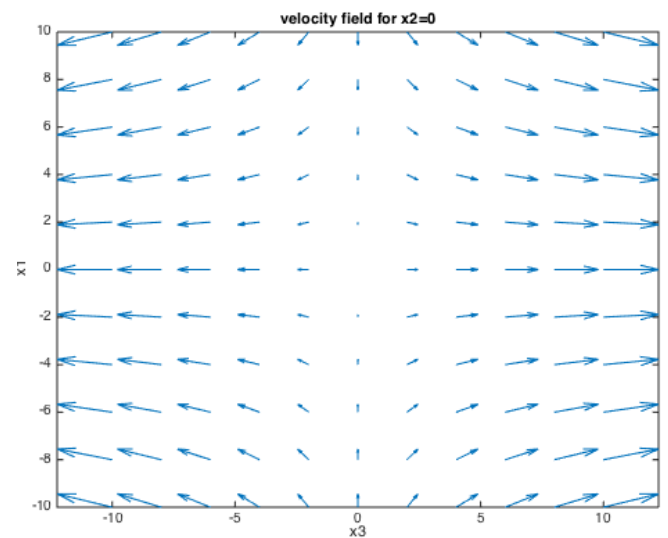
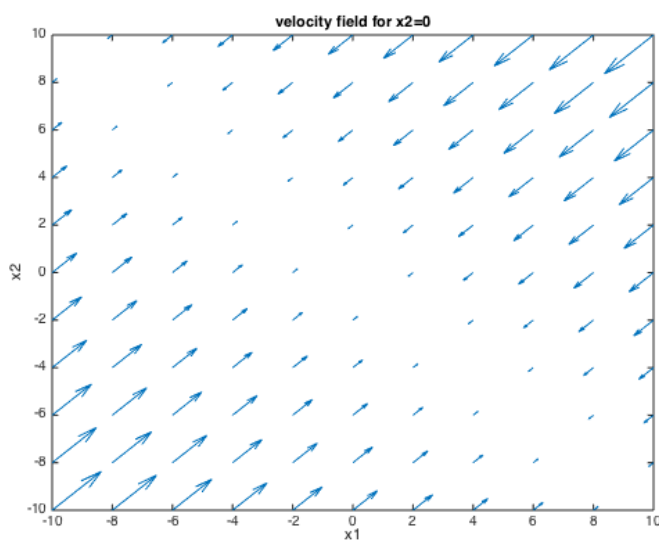


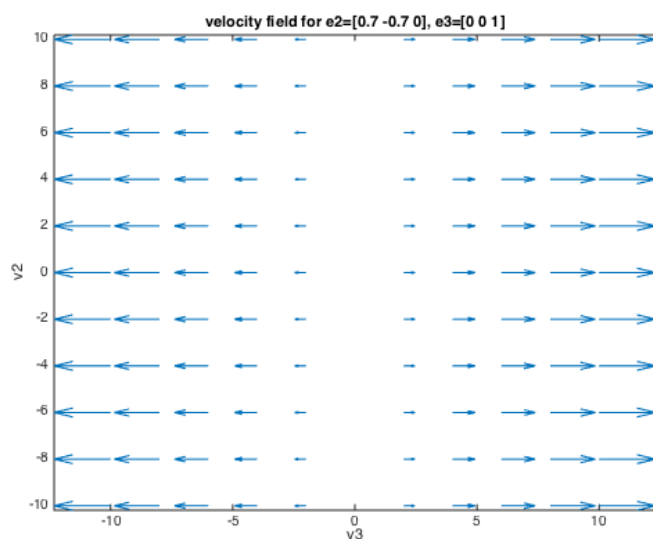
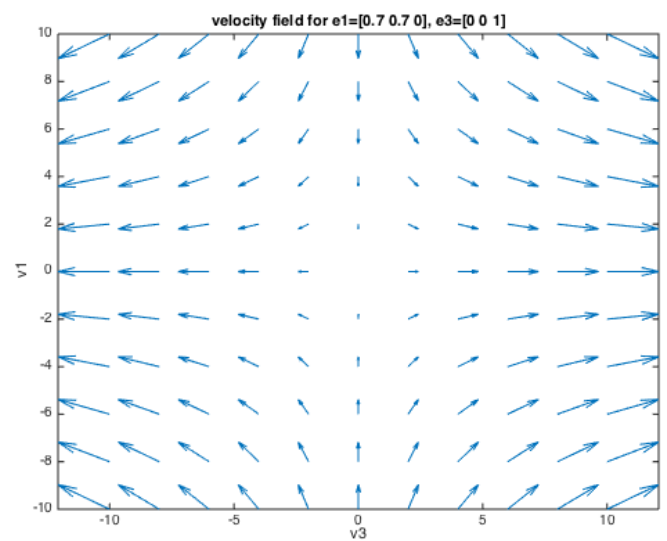
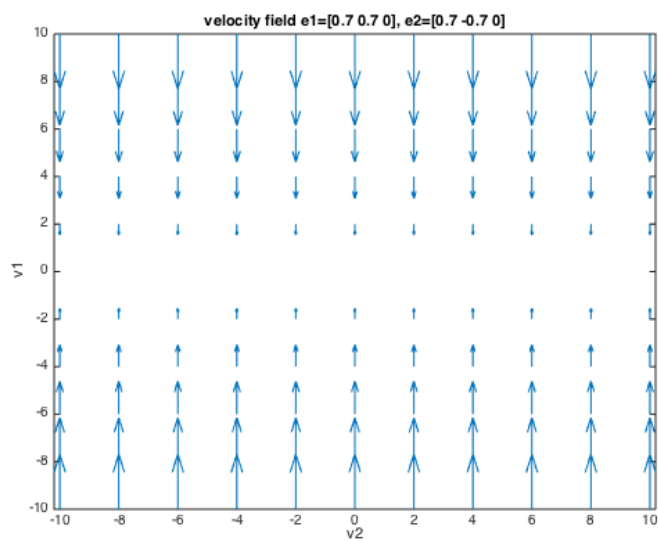
Q1_1 diverges from each initial point



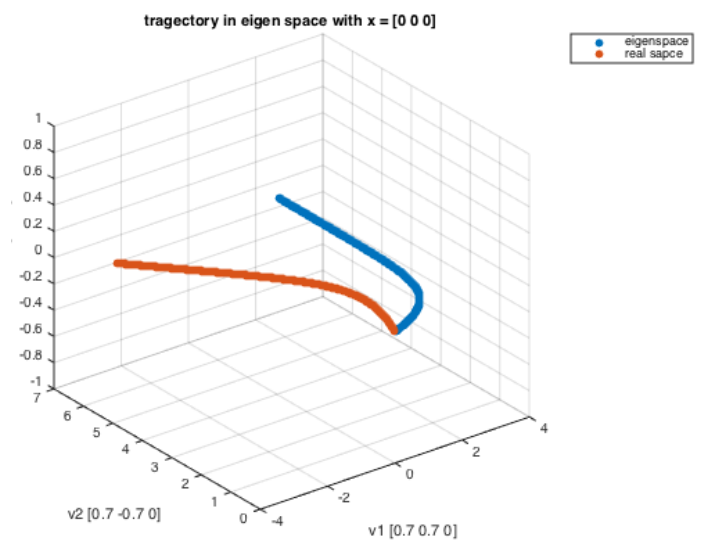
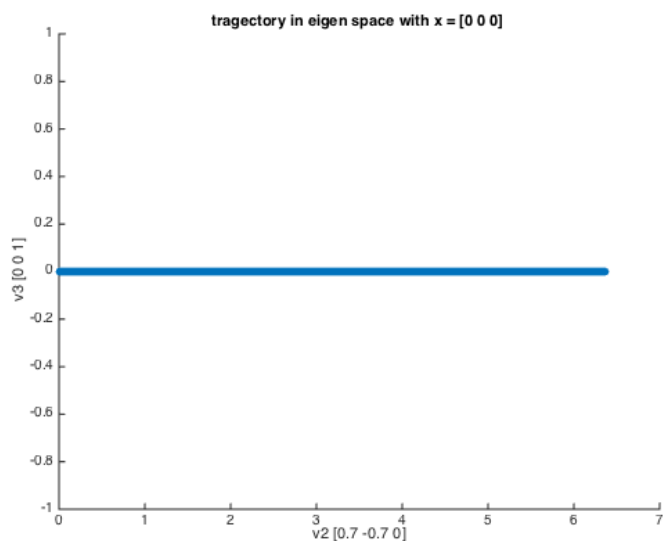
Q1_3 real space vector



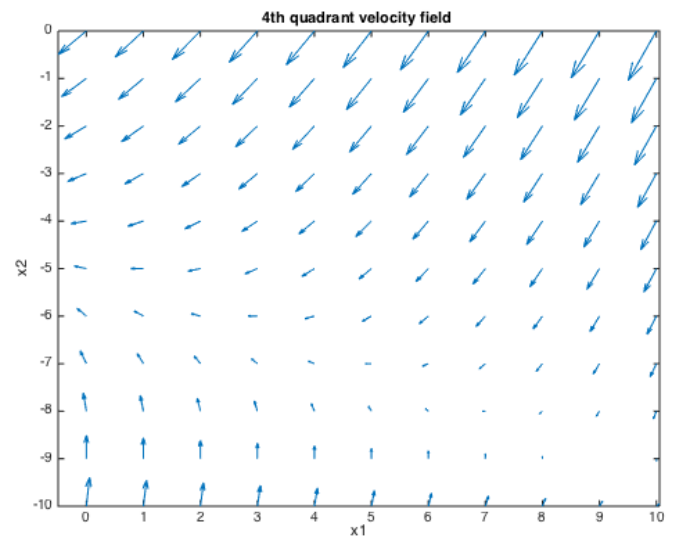
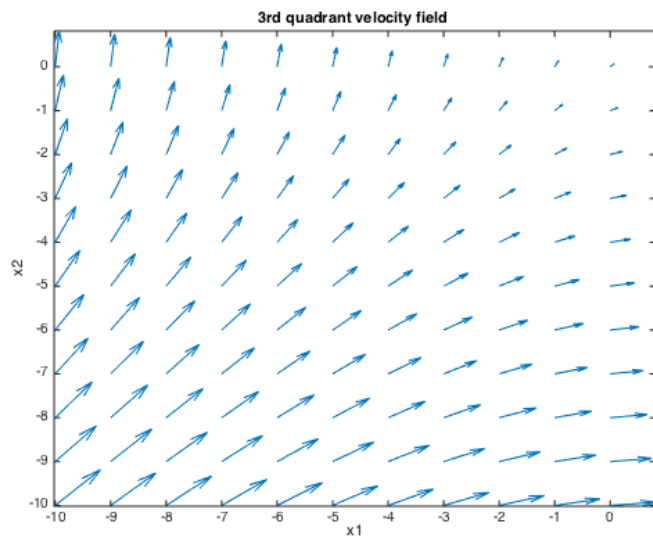
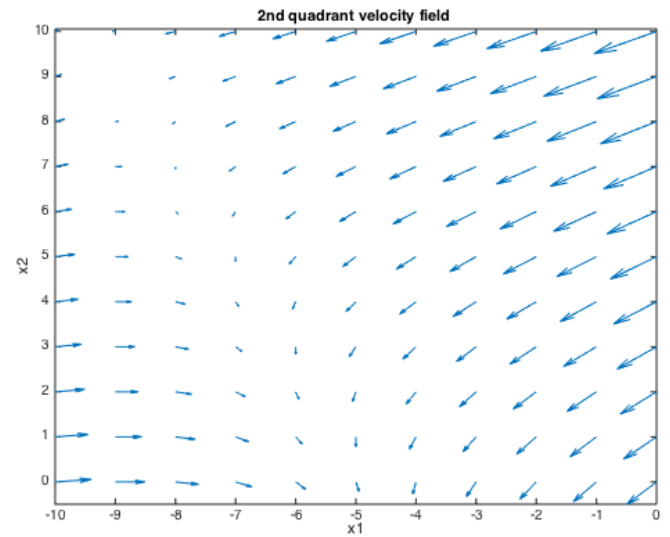
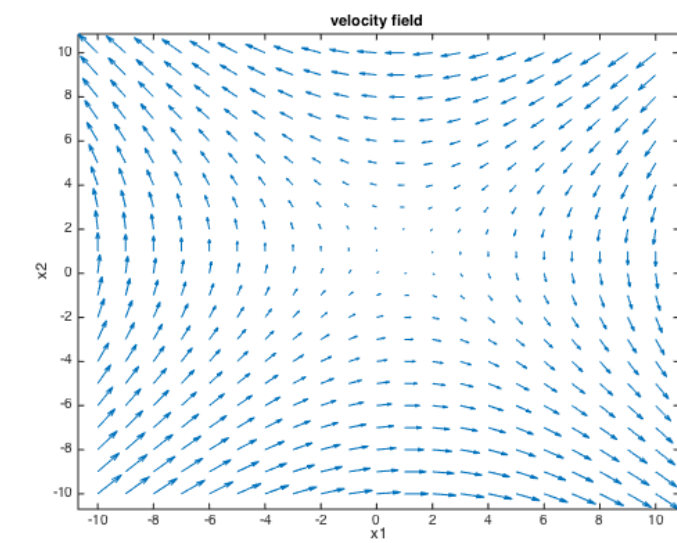
Q1_3 in eigen space



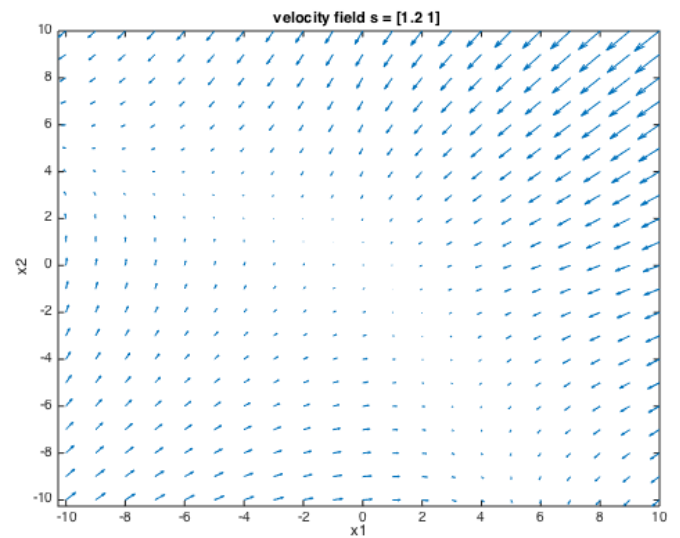
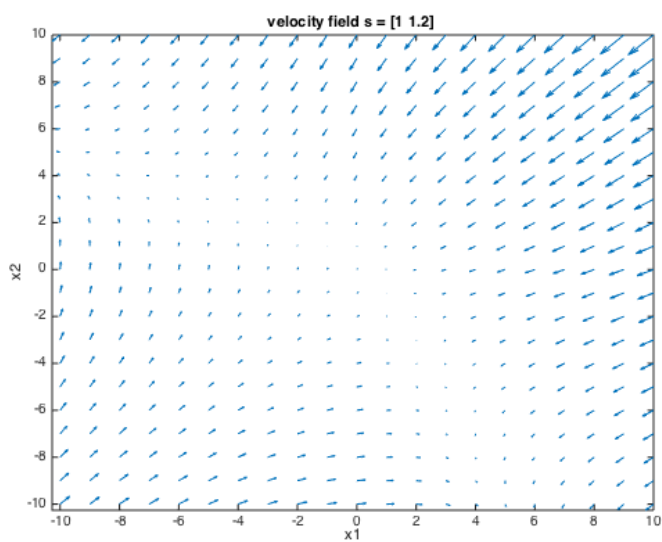
Q1_5 trajectory from $[0 \ 0 \ 0]$ in eigenspace

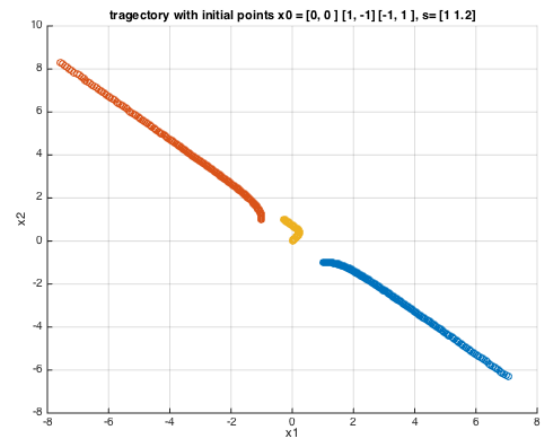
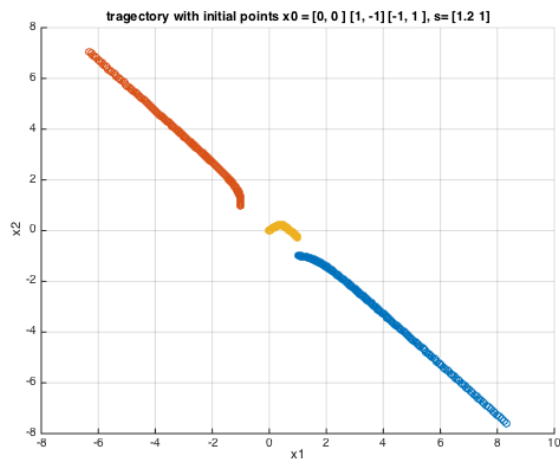


Q2_3 real space vector

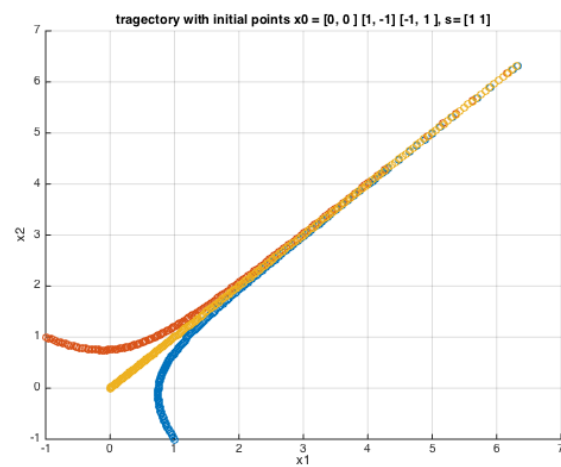
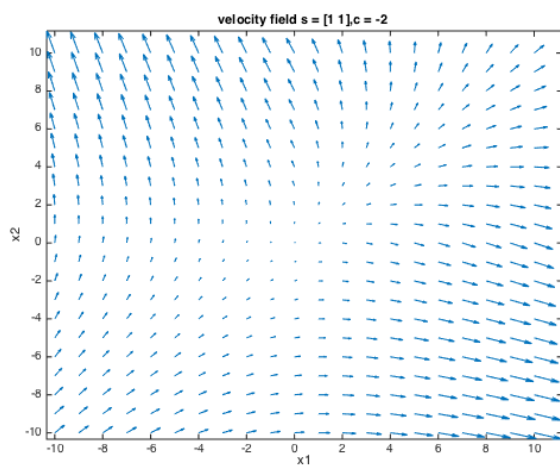


Q2_5 two different s





Q2_6 excitatory connection between two neurons



Q2_7 excitatory connection between two neurons, threshold becomes step function. Therefore the excitatory effect weakens. The vector field becomes converging again.

