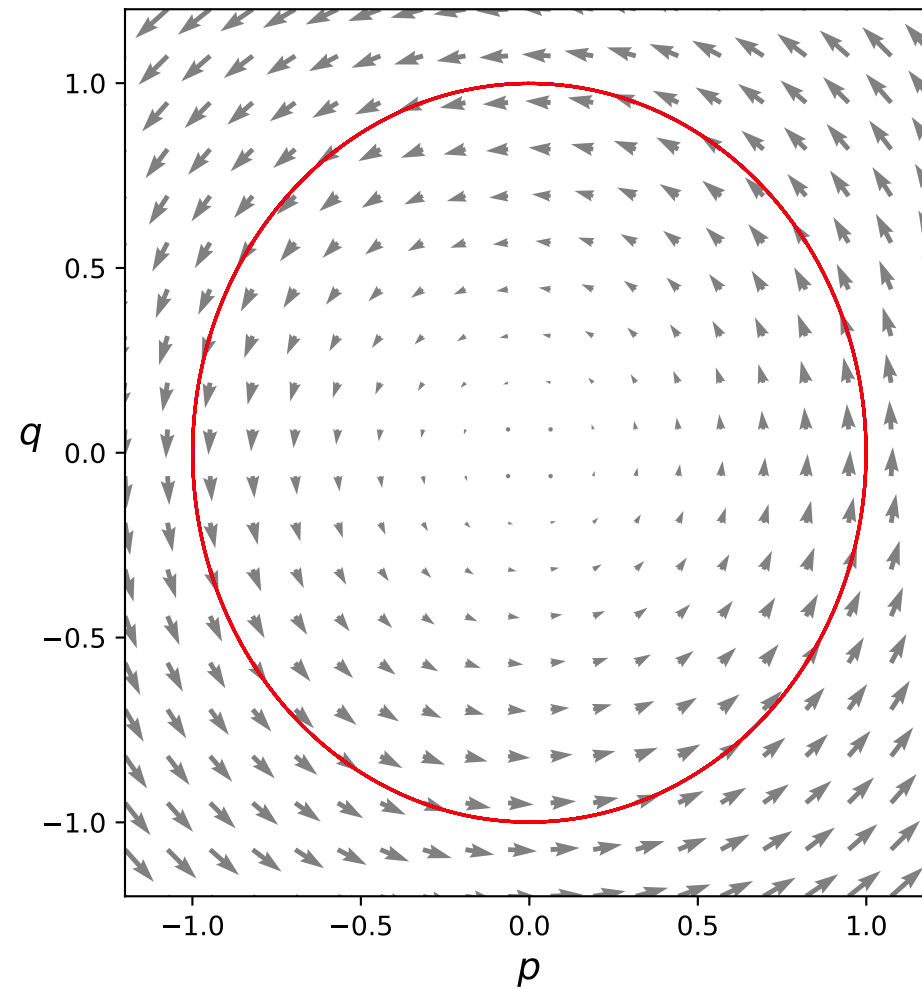
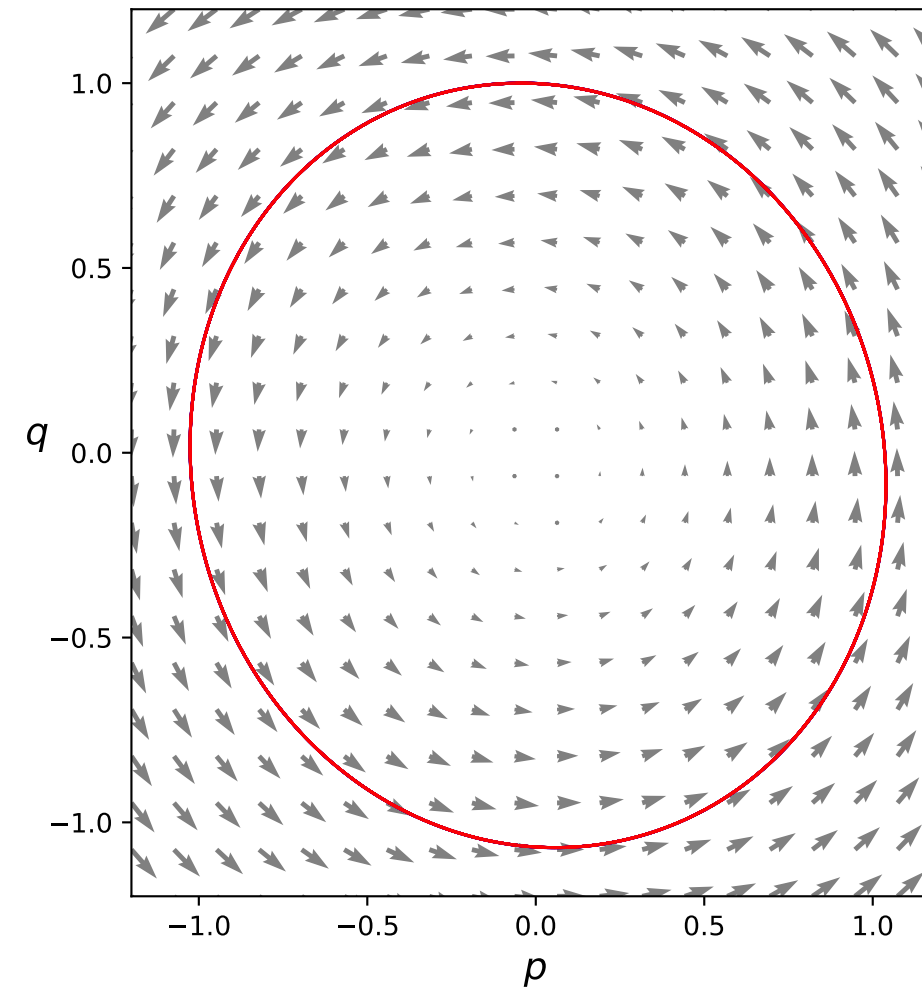


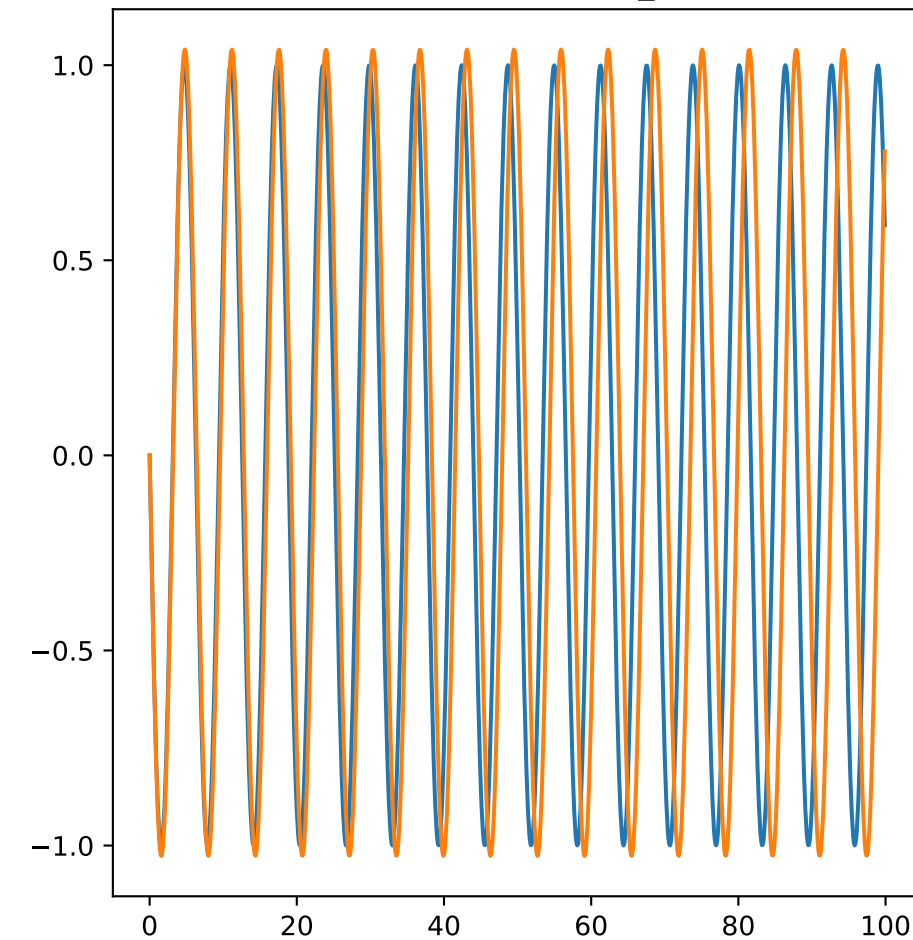
True Trajectory
(Integrated with RK45)



Symplectic HNN: $h = 0.1$, $t_f = 300$
Trained with euler-symp, Integrated with RK45



p Coordinate vs. Time
(Note: for more clarity, $t_f = 100.0$)



Deviation (norm of error) of the two trajectories
(Over full timespan, $t_f = 300$)

