Predictions MSE between cododinates -conserved quantities all energy 2.0 1.0 -Ground truth Baseline NN Baseline NN Hamiltonian NN 1.5 Hamiltonian NN 0.8 0.0 1.0 0.9 0.6 10.1 0.5 0.8 0.4 0.0 -10.20.7 0.2 -0.5Ground truth Ground truth .0.3 Baseline NN Baseline NN -1.00.6 Hamiltonian NN Hamiltonian NN 0.0 20 20 20 Time step Time step Time step