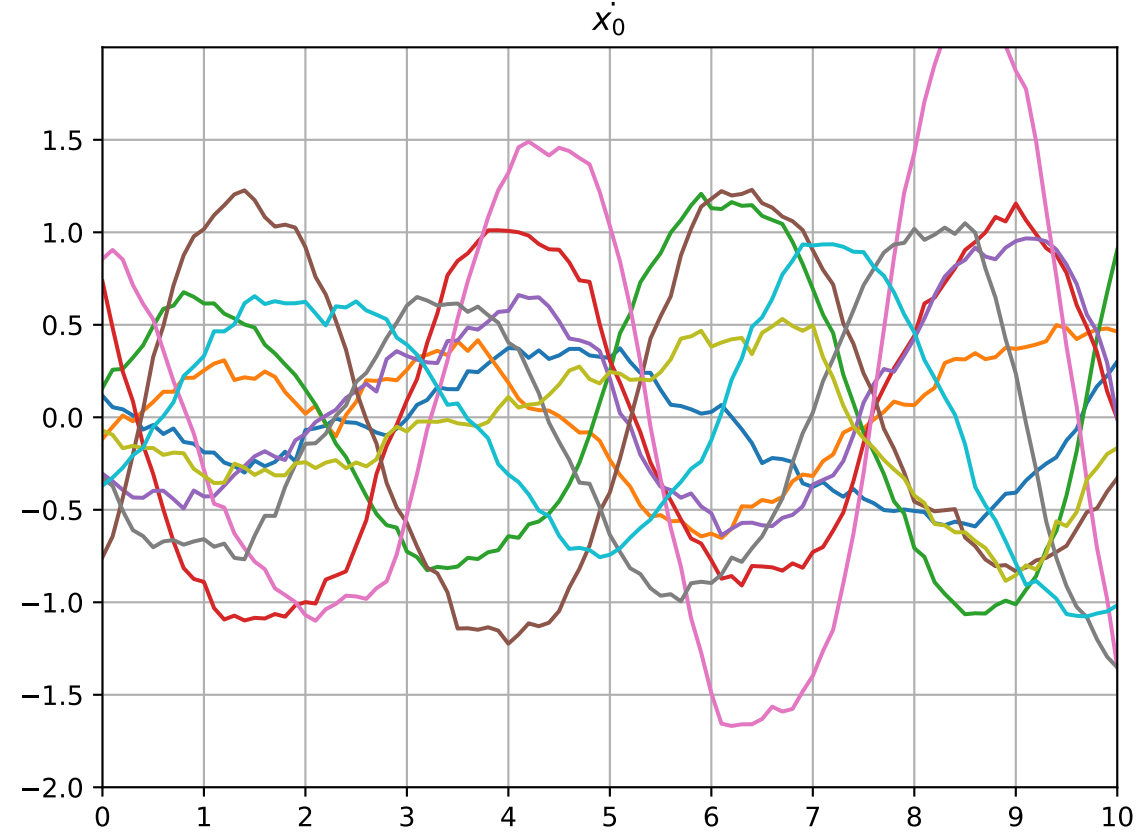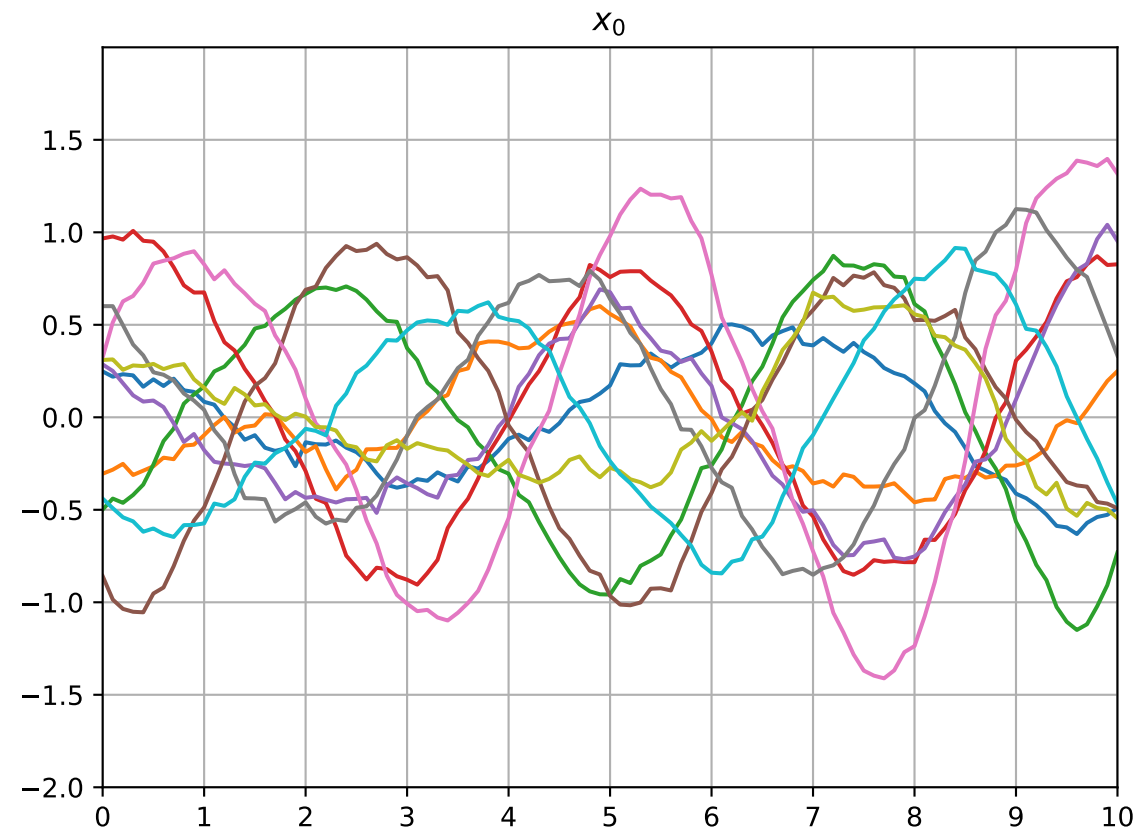Observed data used for experiments in 2D, noise = 0.1

x_0

$\dot{x}_0$

initial condition [0.24782172 0.11660495]
initial condition [-0.30520964 -0.11646227]
initial condition [-0.49865723 0.15870141]
initial condition [0.9667476   0.73532348]
initial condition [0.28570766 -0.30478914]
initial condition [-0.85826083 -0.75653618]
initial condition [0.32423141 0.85590898]
initial condition [0.6008491 -0.3288483]
initial condition [0.30977499 -0.07096206]
initial condition [-0.43946618 -0.36950781]