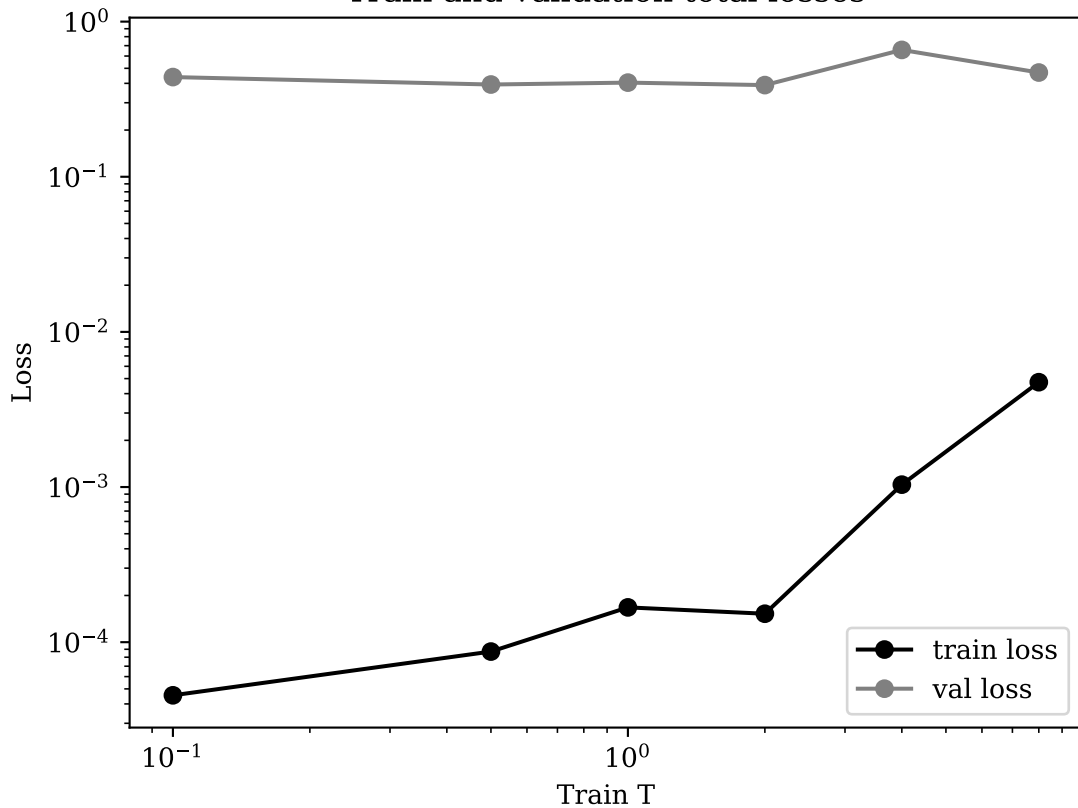
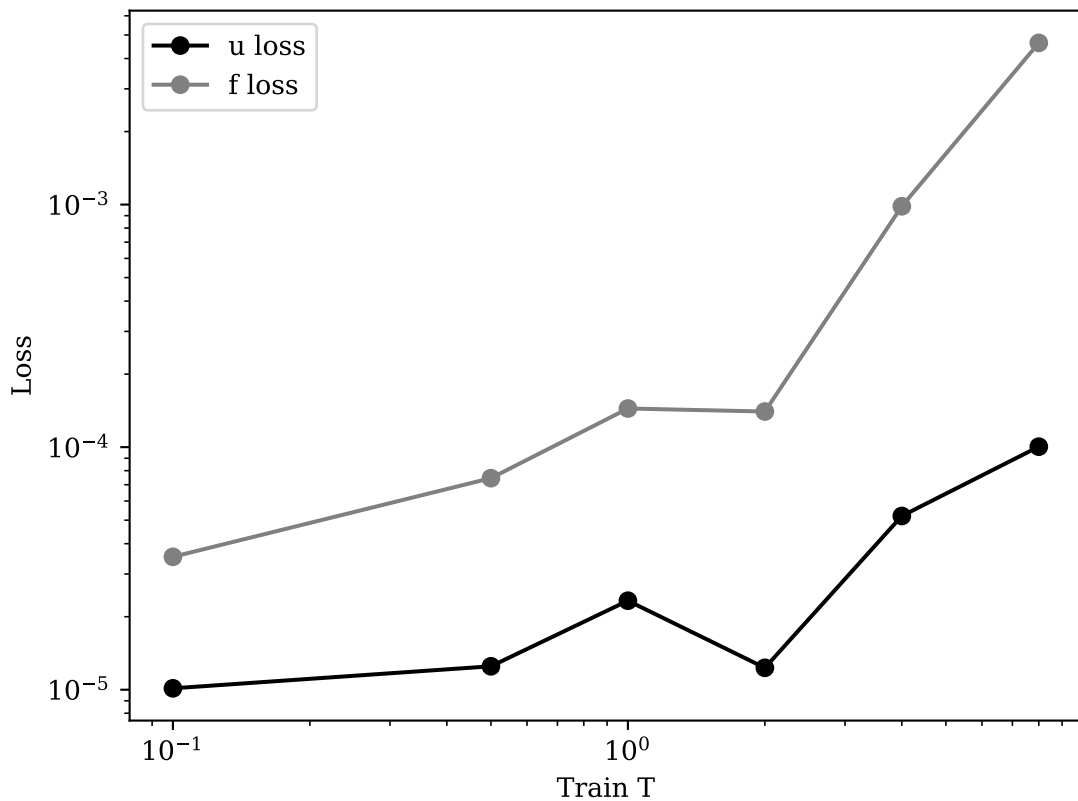


Neural network's T test:
Adam epochs -> 500
Max L-BFGS iterations -> 2000
Train Nu -> 1000
Train Nf -> 100000
Validation points -> 1810
Validation T -> 0.5 s
Test points -> 181
Test T -> 0.5 s

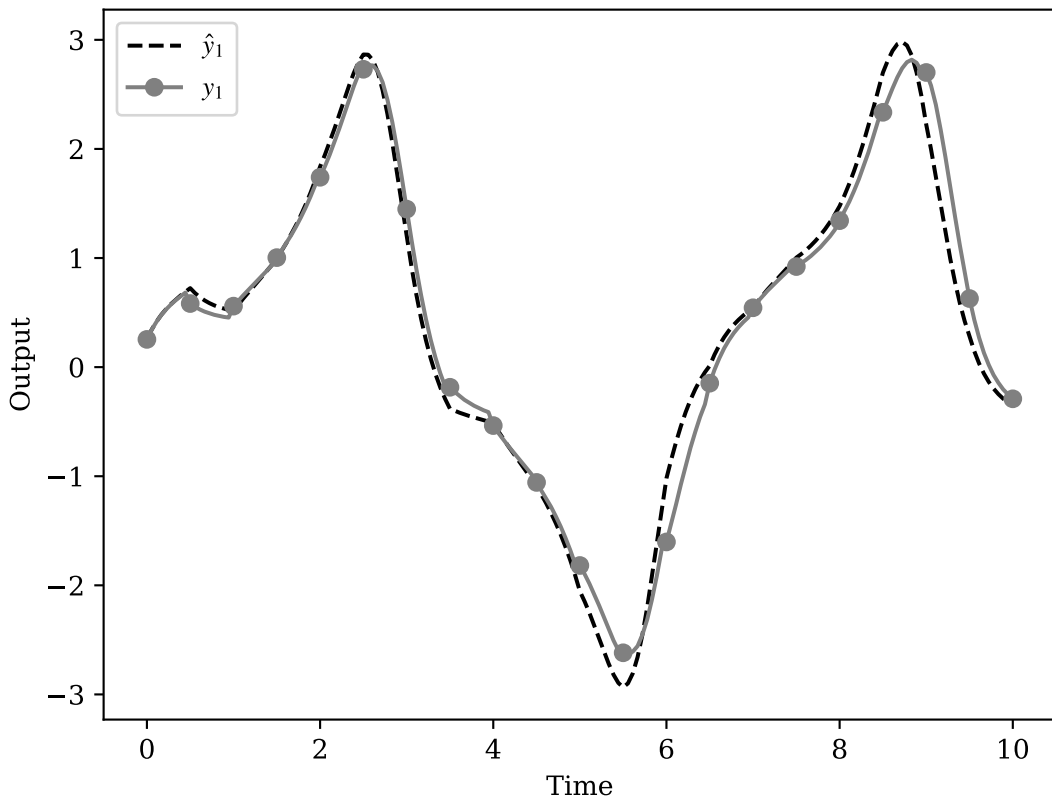
Train and validation total losses



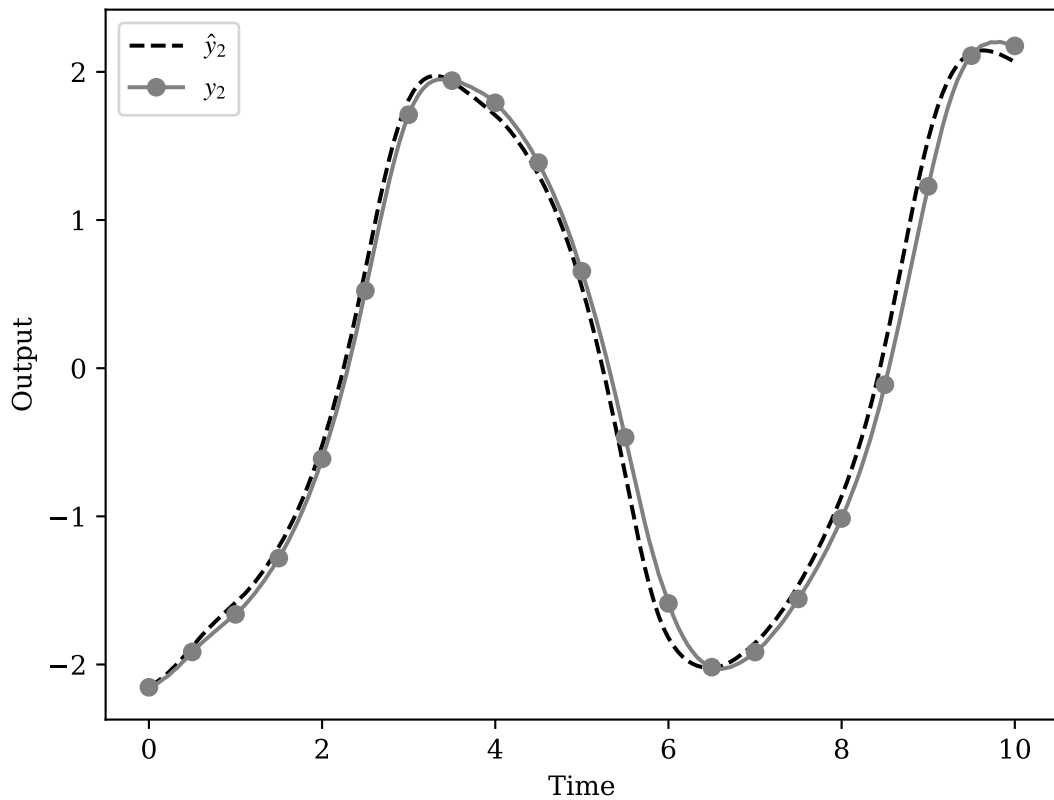
Train losses



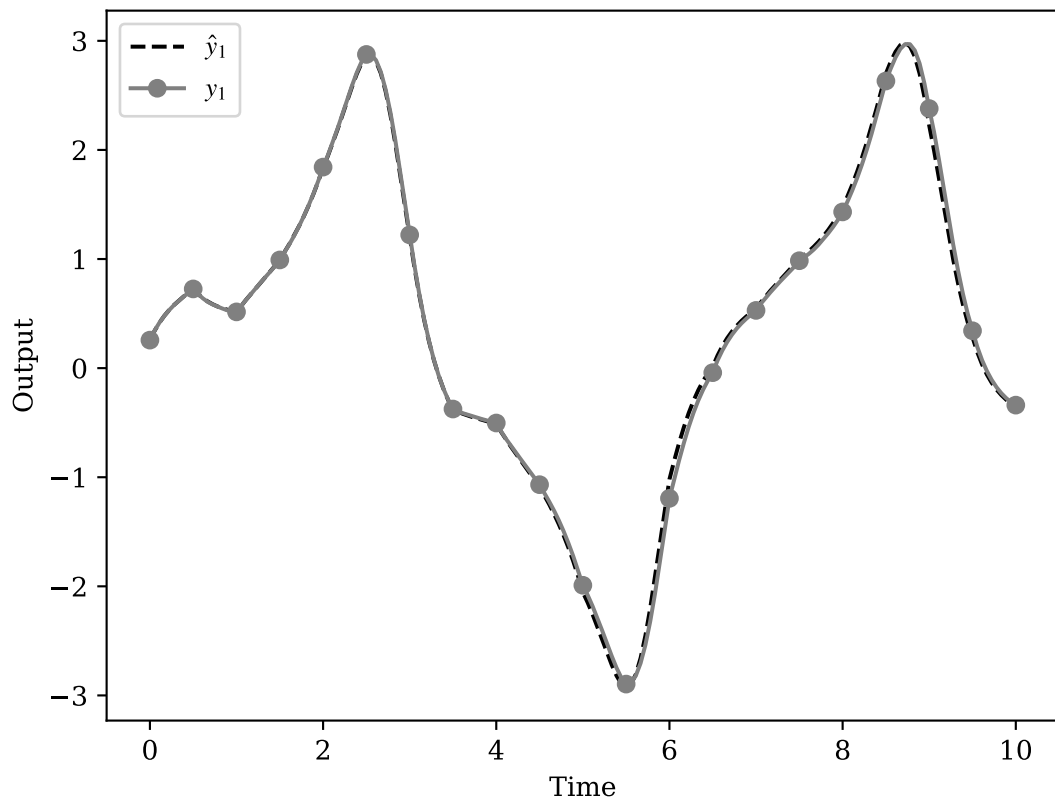
$T = 0.5$ s. MSE: 0.051



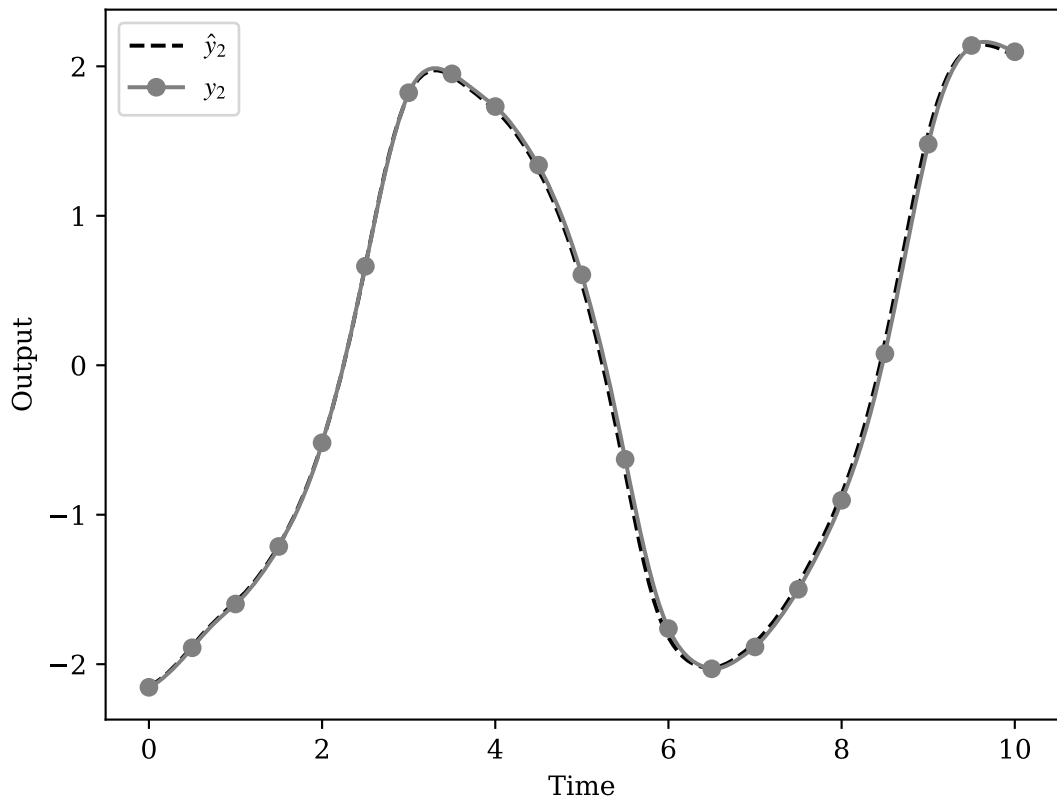
$T = 0.5$ s. MSE: 0.02



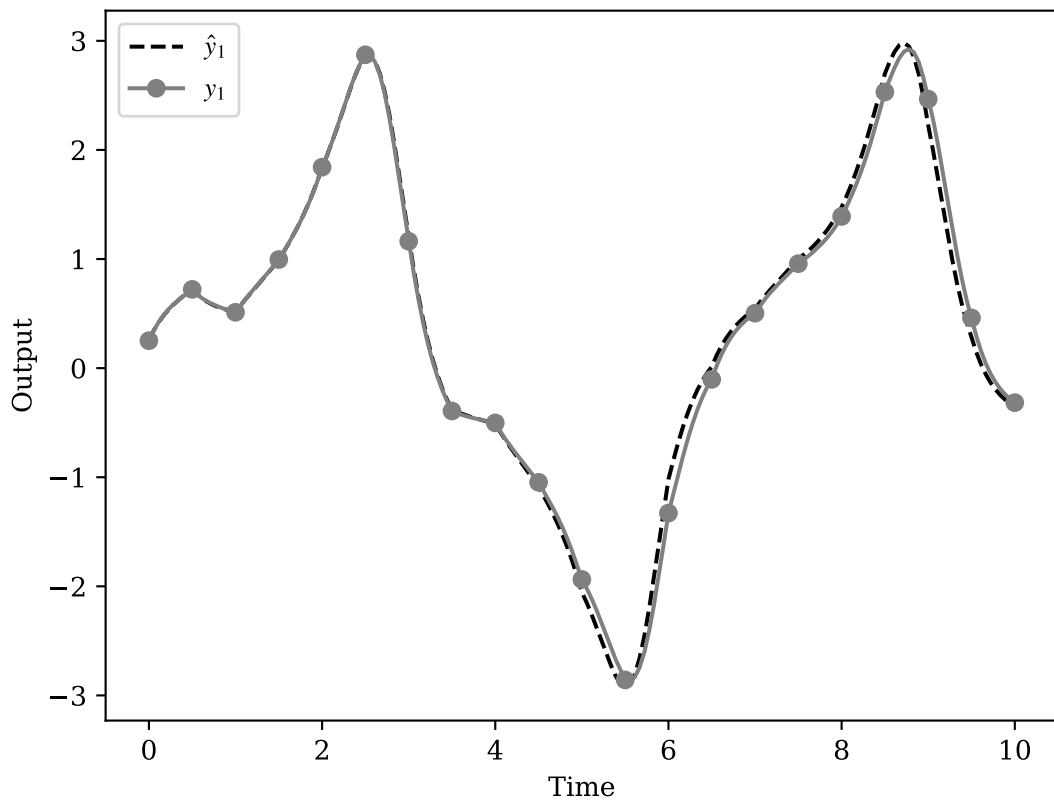
$T = 0.5$ s. MSE: 0.003



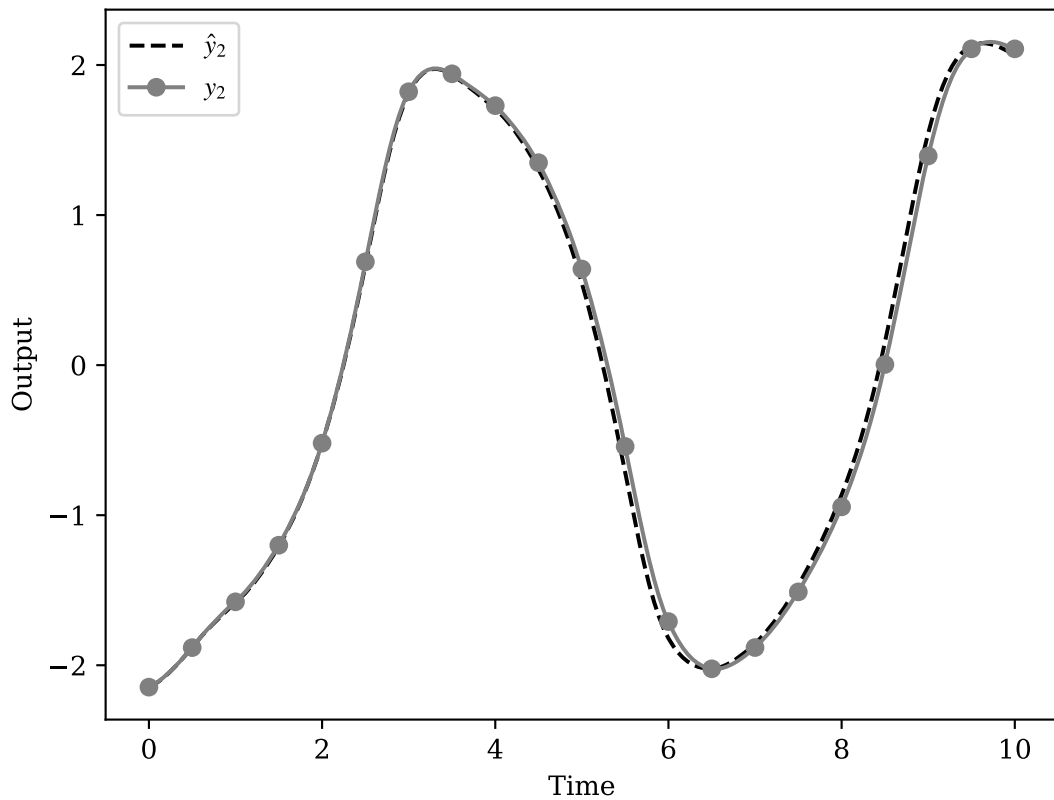
$T = 0.5$ s. MSE: 0.002



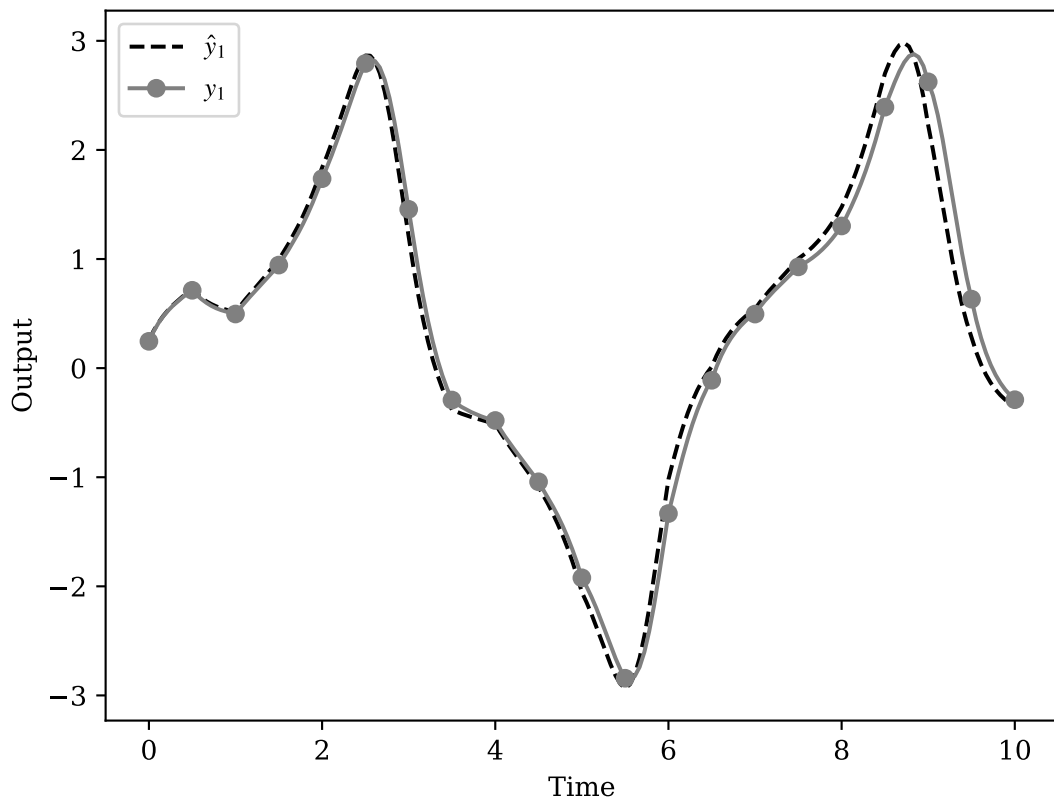
$T = 0.5$ s. MSE: 0.013



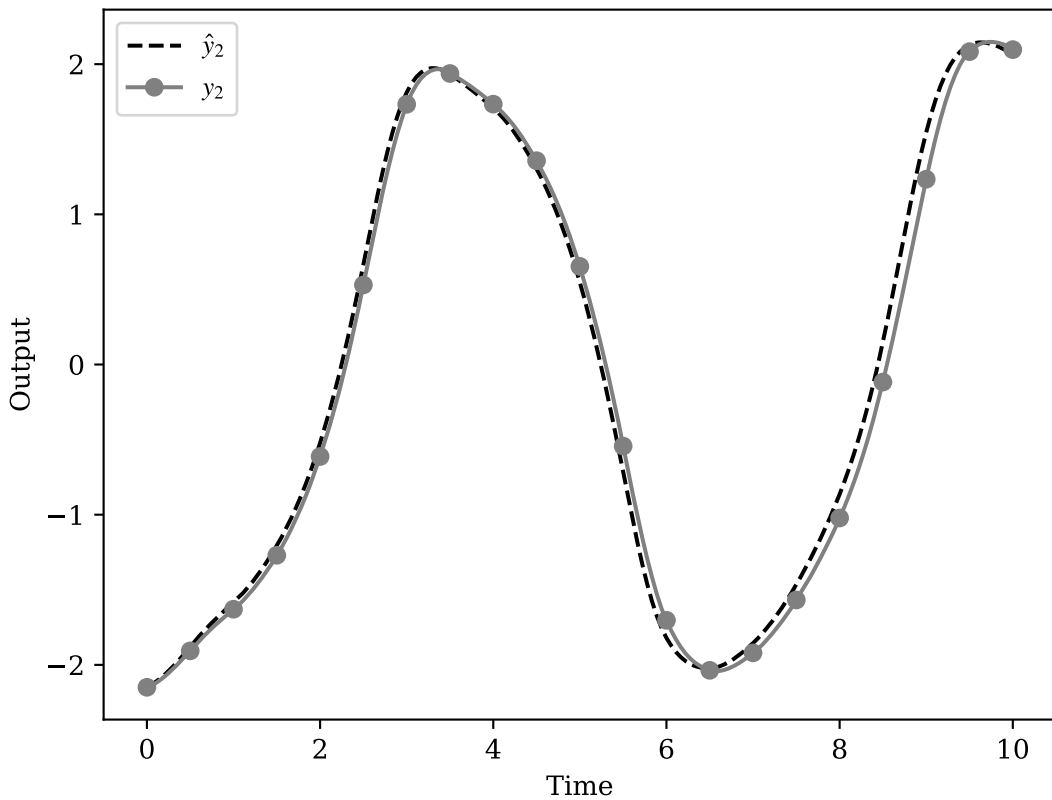
$T = 0.5$ s. MSE: 0.005



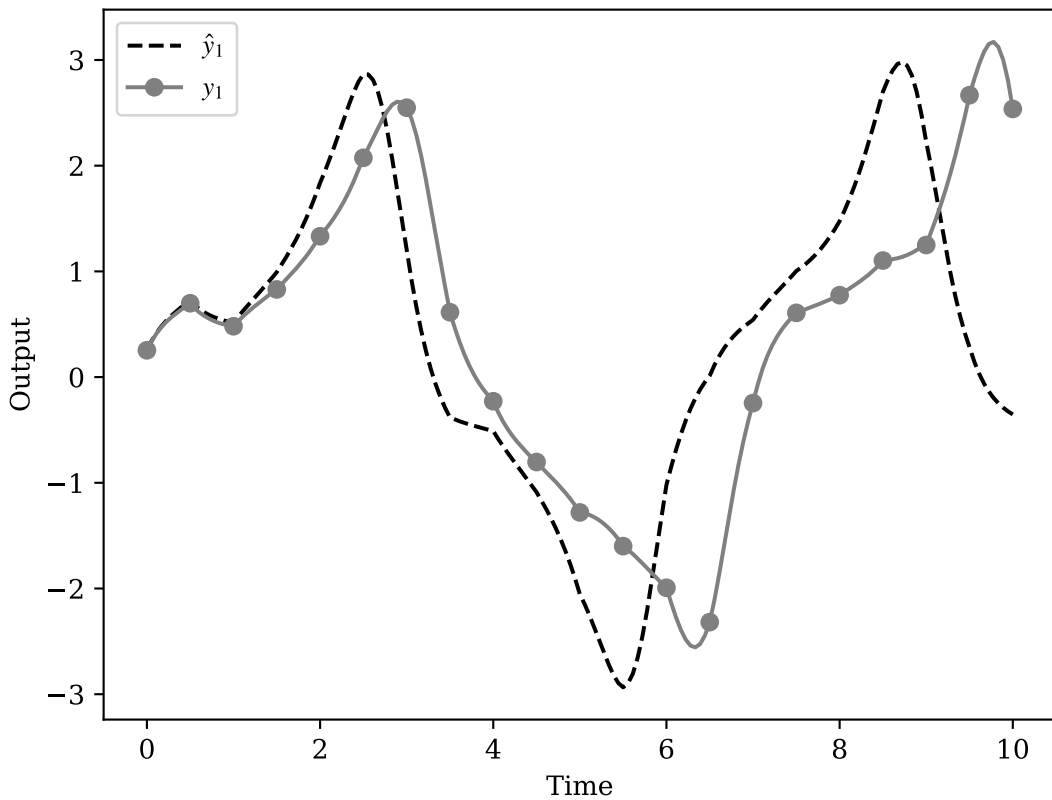
$T = 0.5$ s. MSE: 0.033



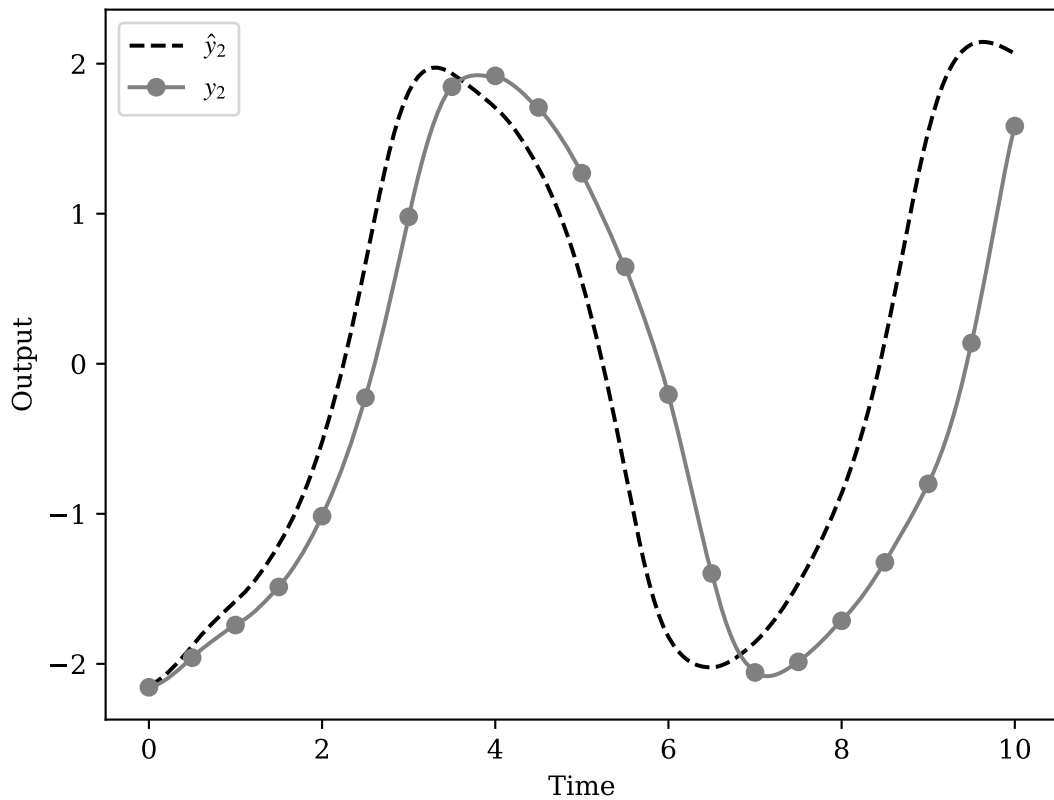
$T = 0.5$ s. MSE: 0.015



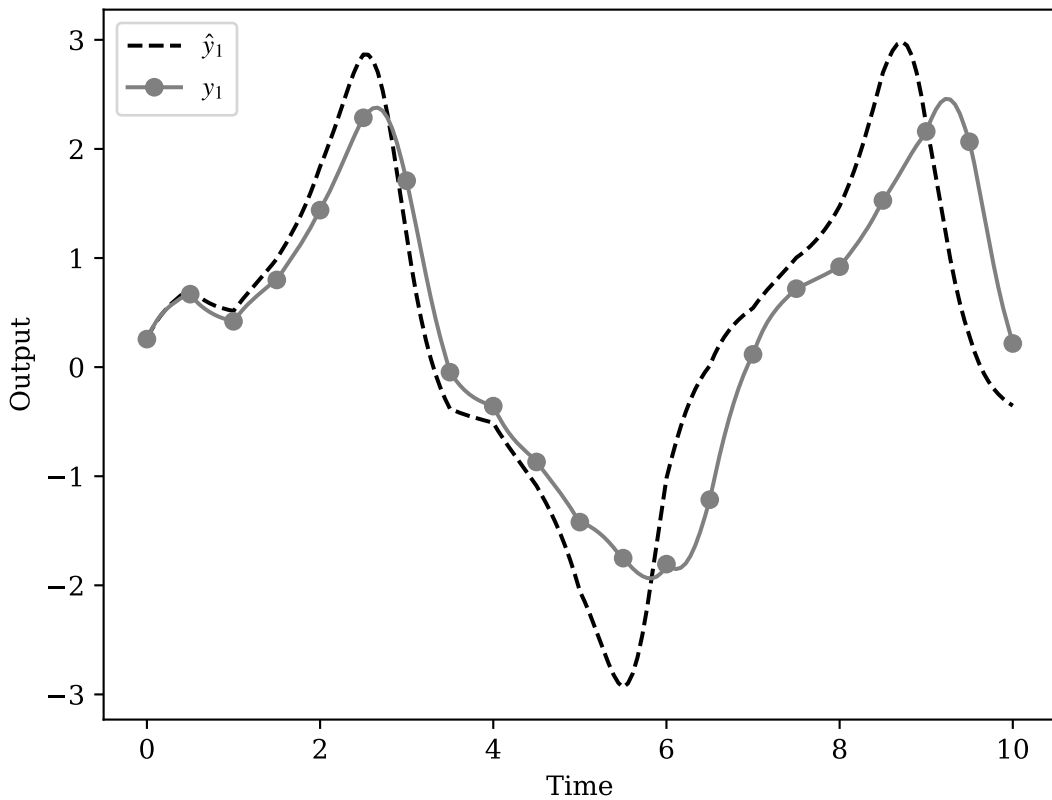
T = 0.5 s. MSE: 1.439



$T = 0.5$ s. MSE: 1.009



$T = 0.5$ s. MSE: 0.505



$T = 0.5$ s. MSE: 0.271

