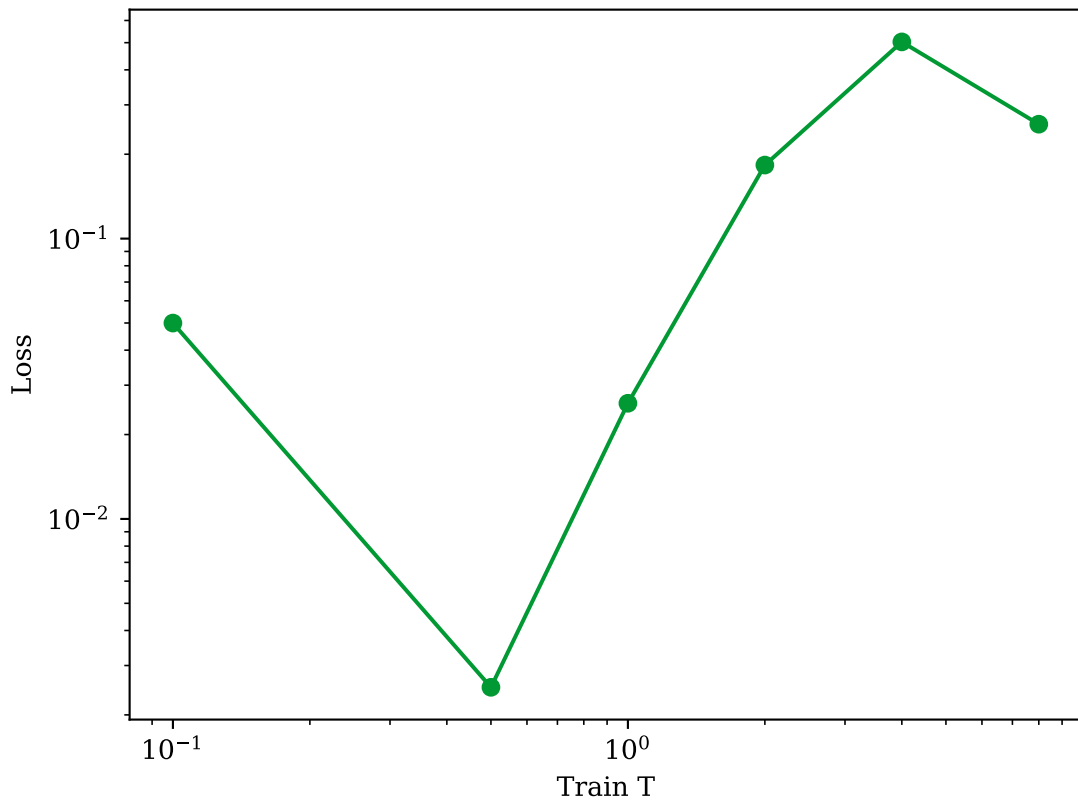
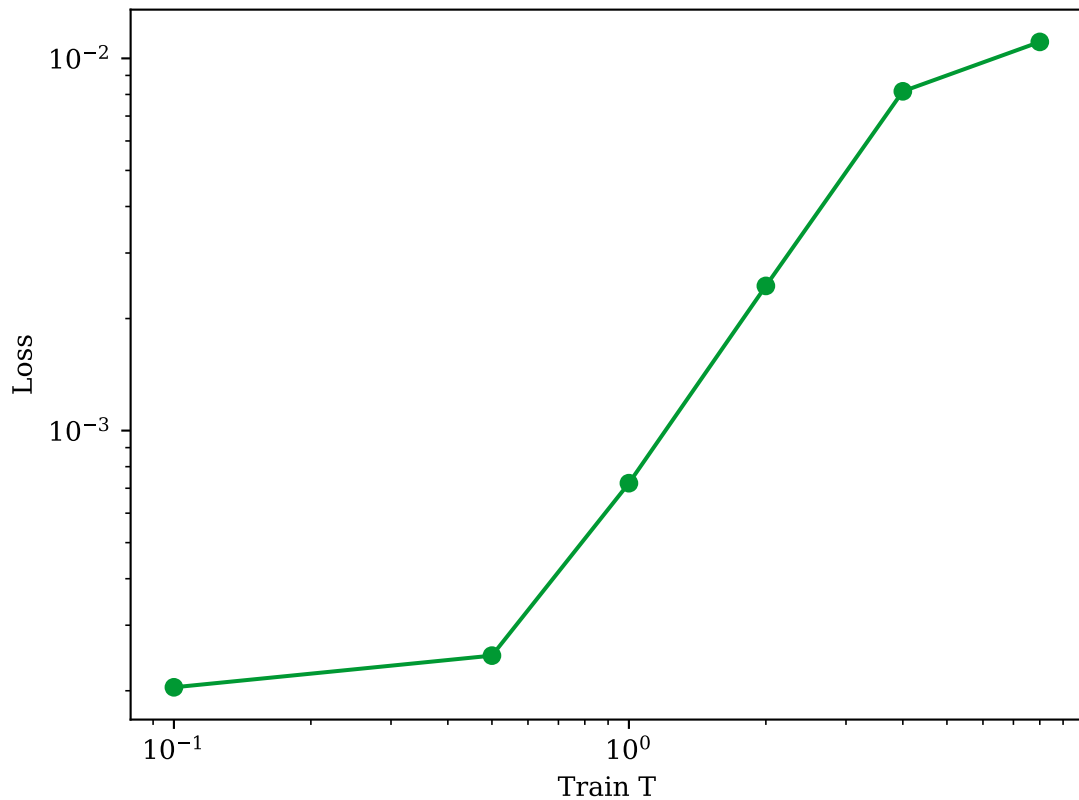


Neural network's T test:  
Test duration -> 7:02:26.406525  
Adam epochs -> 500  
Max L-BFGS iterations -> 2000  
Train Nu -> 1000  
Train Nf -> 100000  
Validation points -> 1810  
Validation T -> 0.5 s  
Test points -> 181  
Test T -> 0.5 s

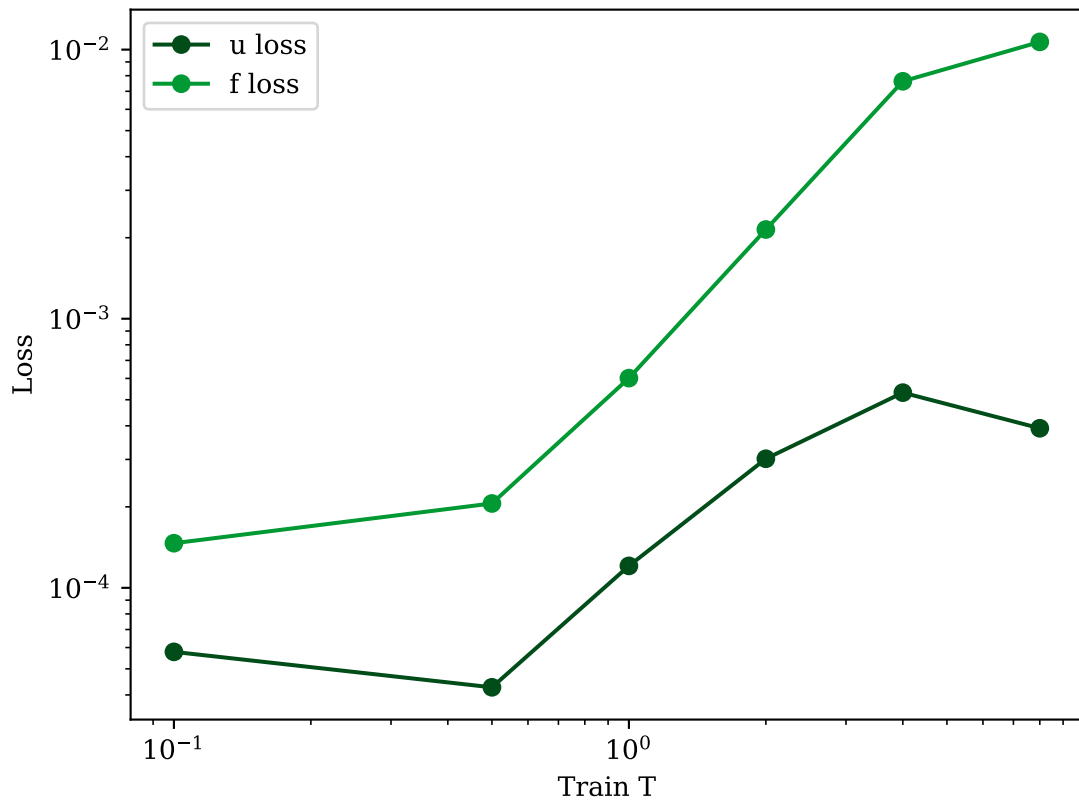
Validation loss



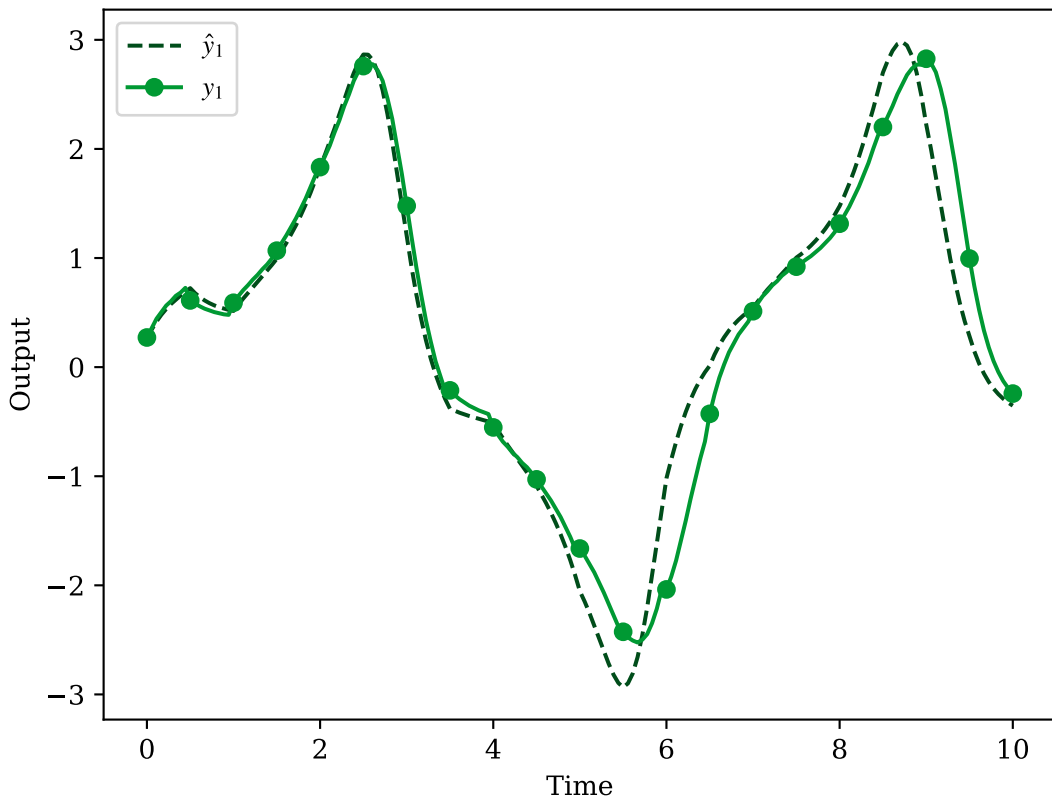
Train total loss



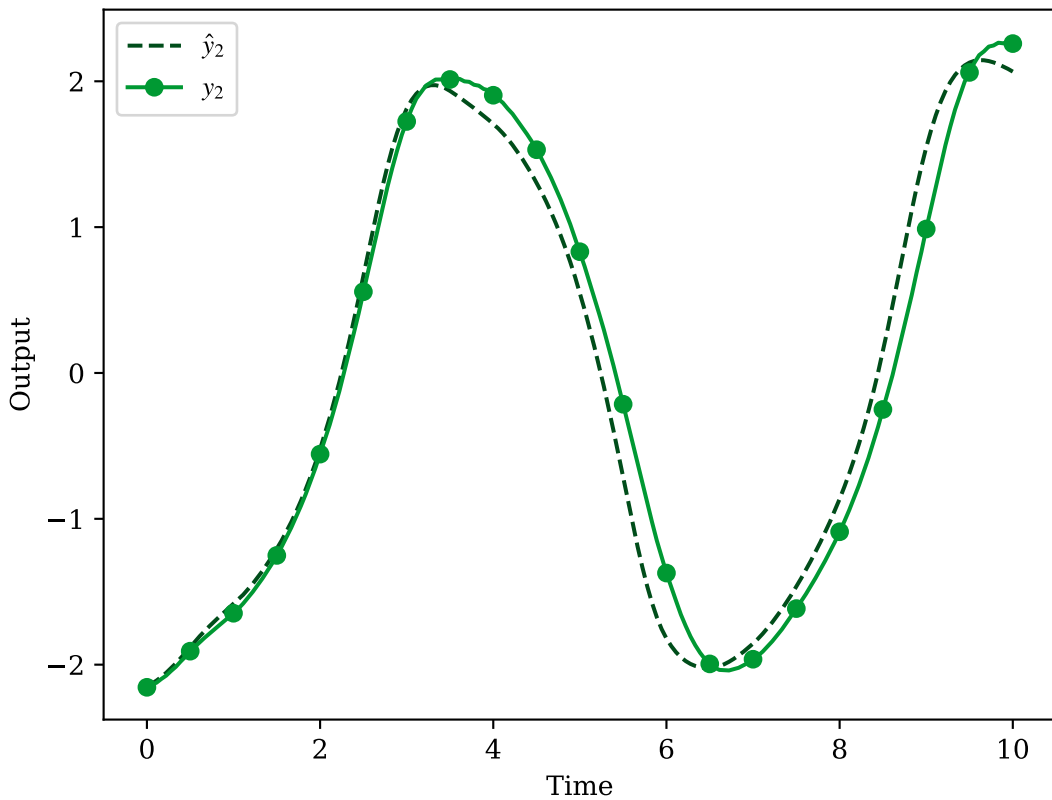
Train losses



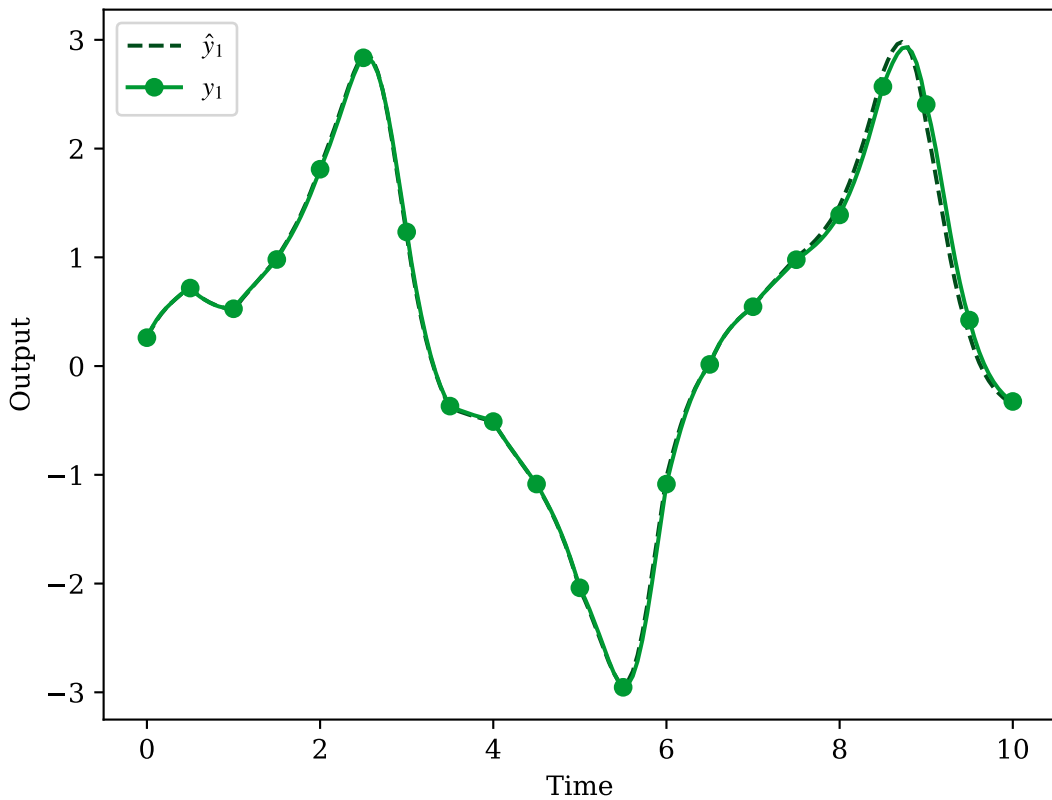
$T = 0.1$  s. MSE: 0.142



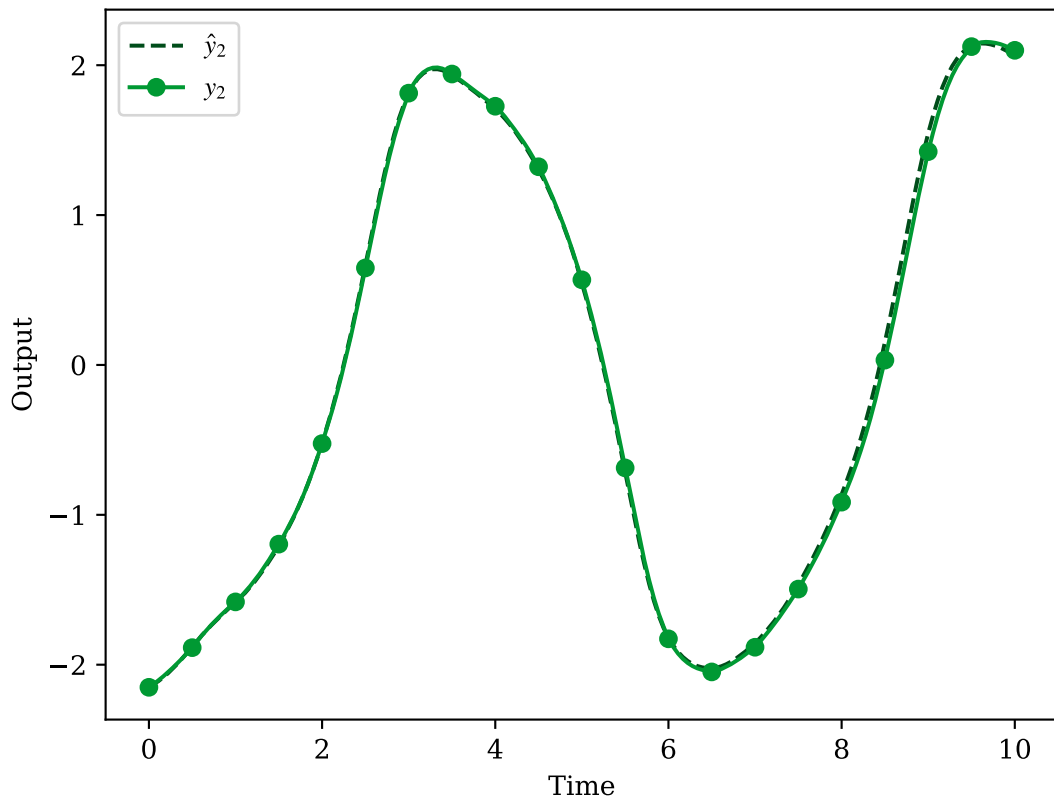
$T = 0.1$  s. MSE: 0.062



$T = 0.5$  s. MSE: 0.004

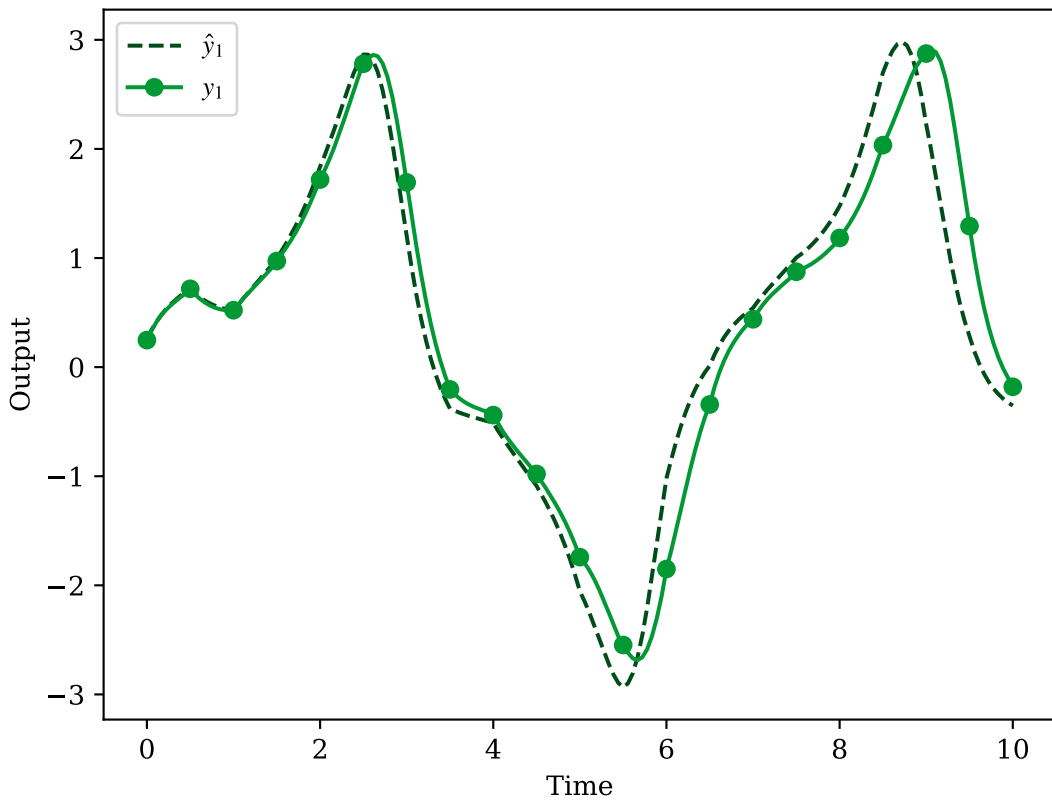


$T = 0.5$  s. MSE: 0.002

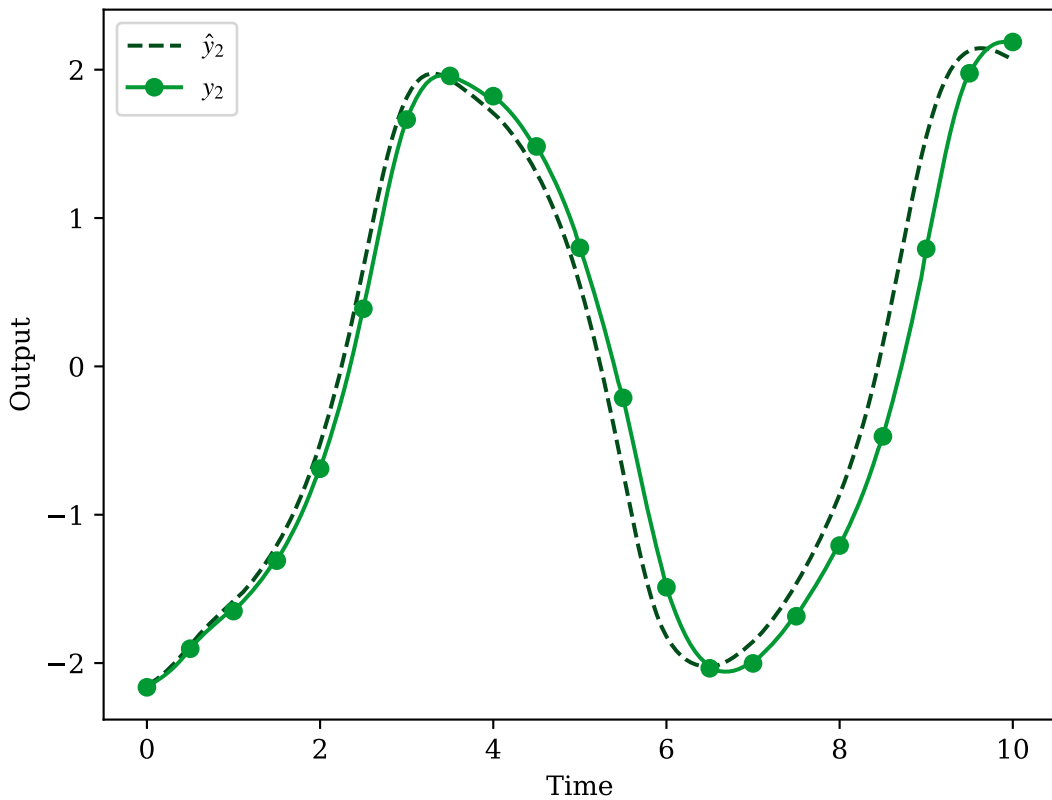




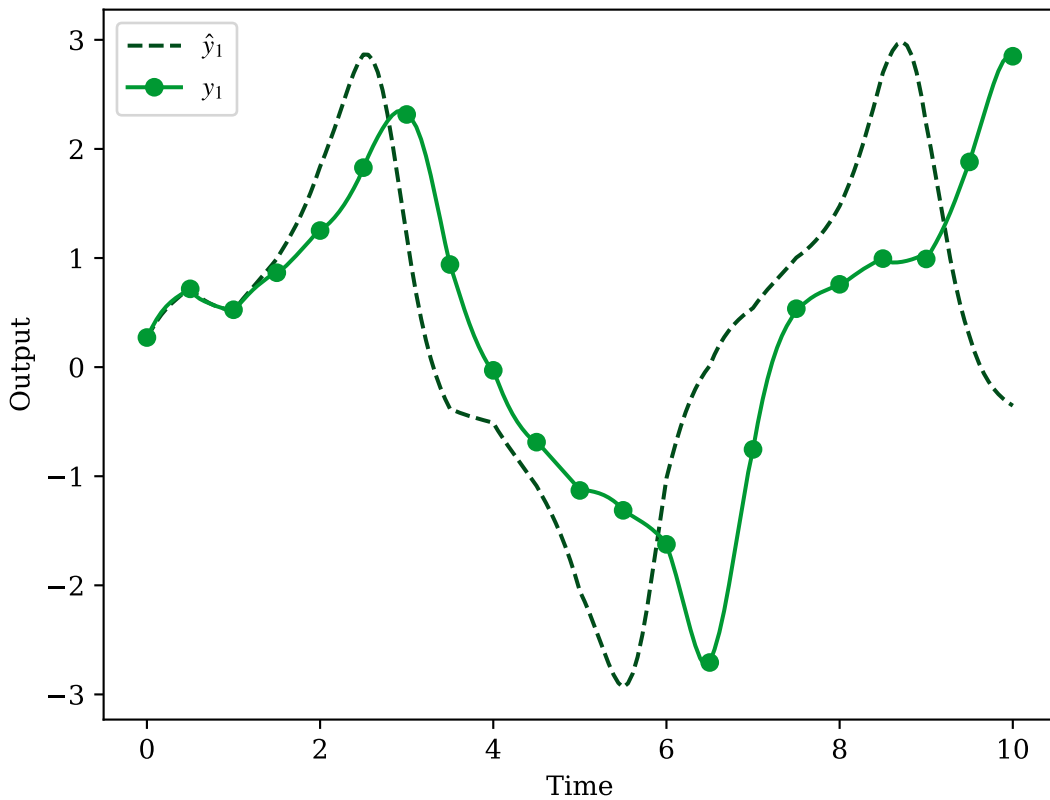
T = 1.0 s. MSE: 0.179



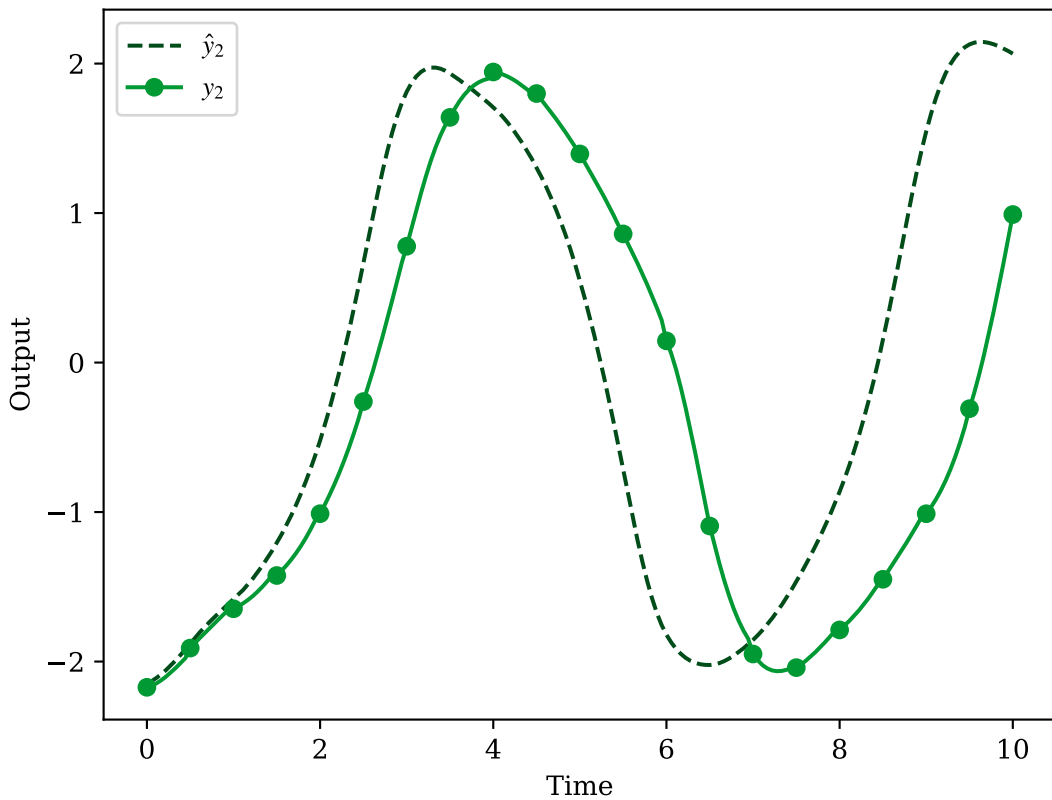
$T = 1.0$  s. MSE: 0.088



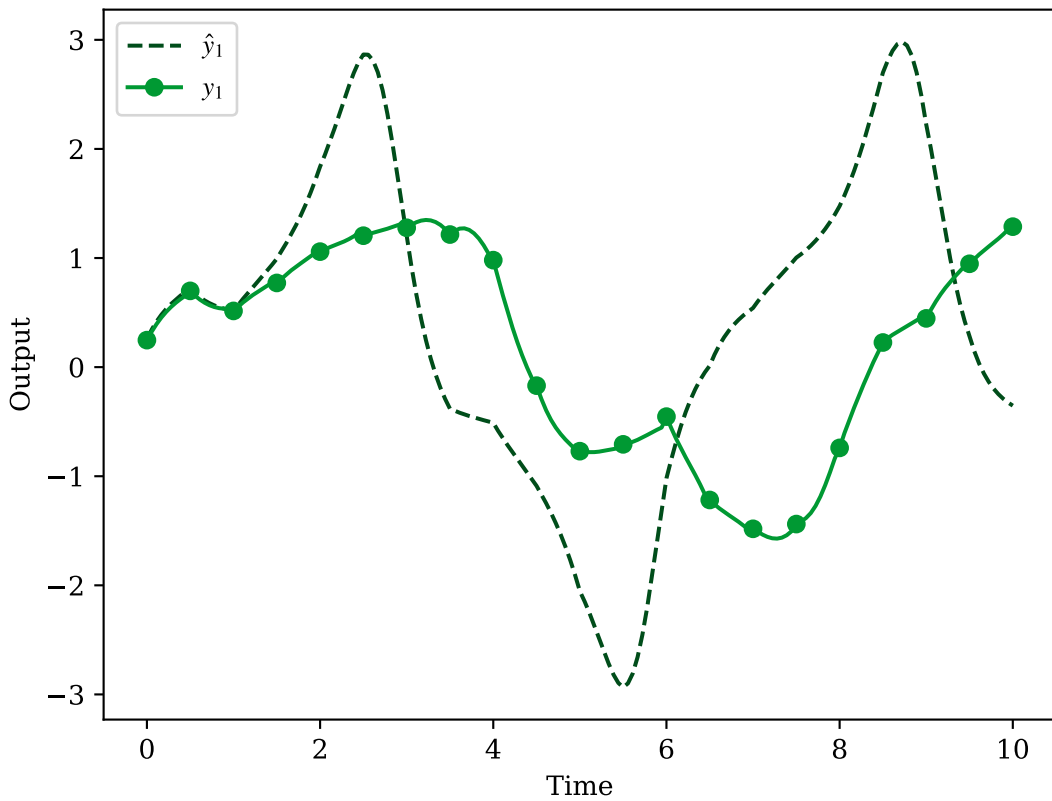
T = 2.0 s. MSE: 1.531



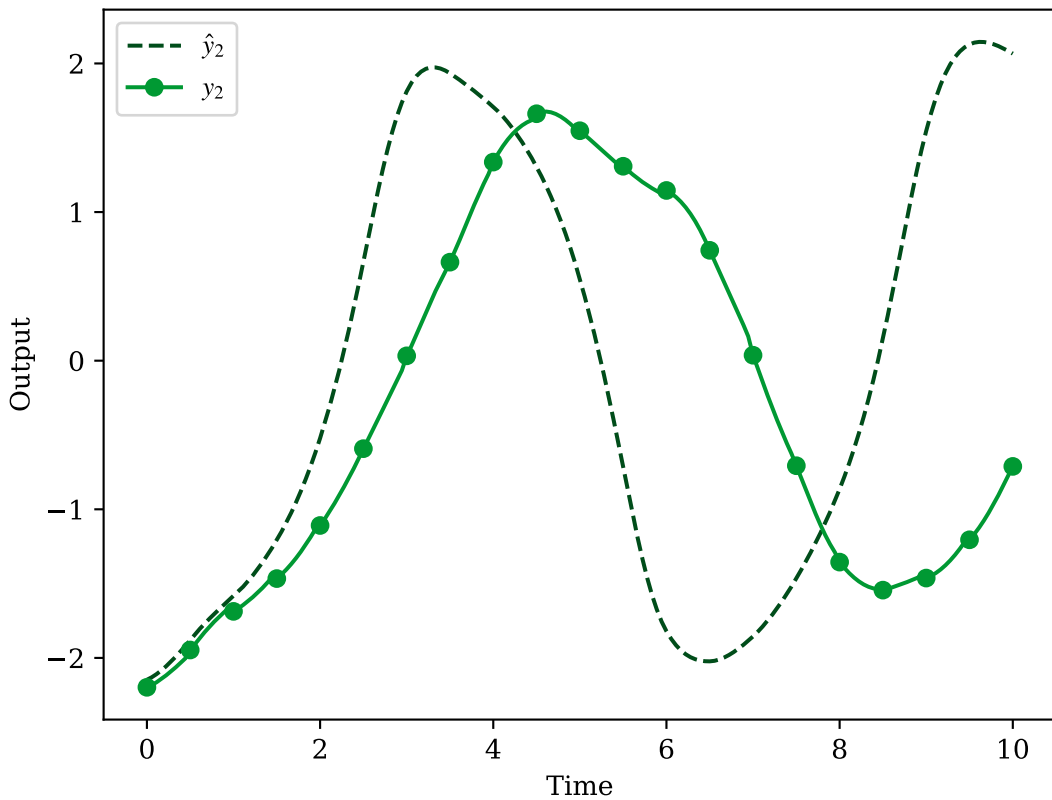
T = 2.0 s. MSE: 1.389



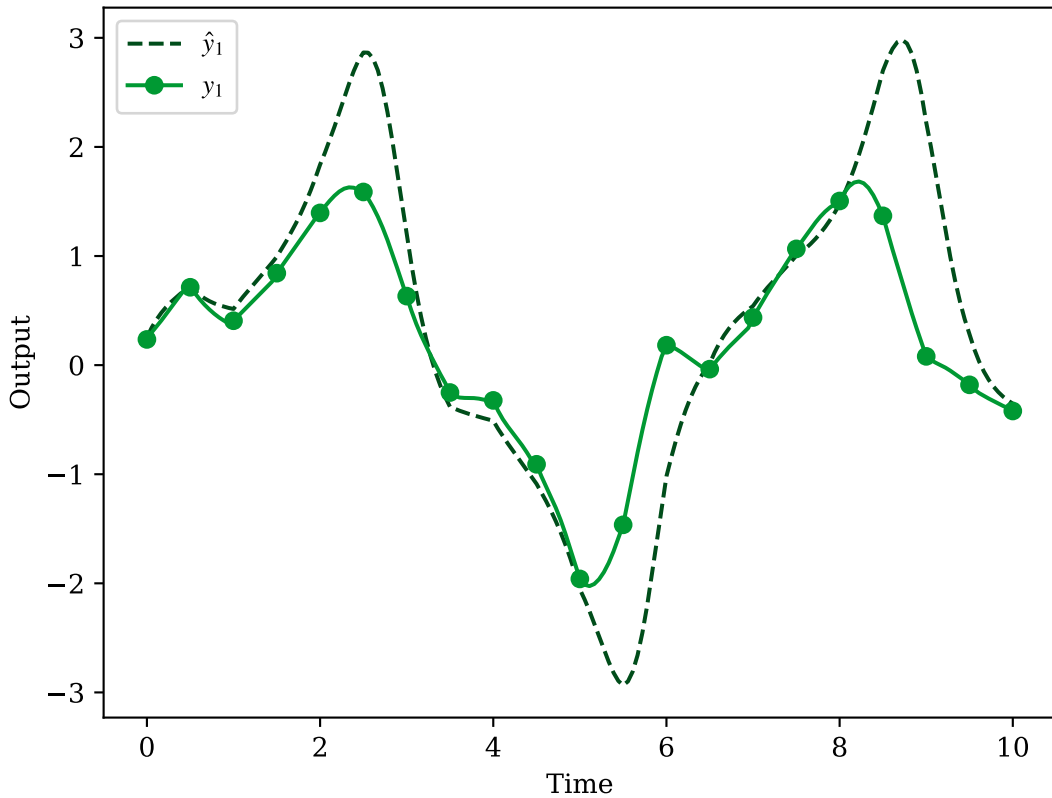
T = 4.0 s. MSE: 2.165



T = 4.0 s. MSE: 3.009



T = 8.0 s. MSE: 0.632



T = 8.0 s. MSE: 0.473

