

Exhaustion test:

Test duration -> 1 day, 8:27:06.844364

Adam epochs -> 500

L-BFGS iterations -> 20000

Neural network's structure -> 5 hidden layers of 20 neurons

Train T -> 10.0 s

Train Nu -> 1000

Train Nf -> 100000

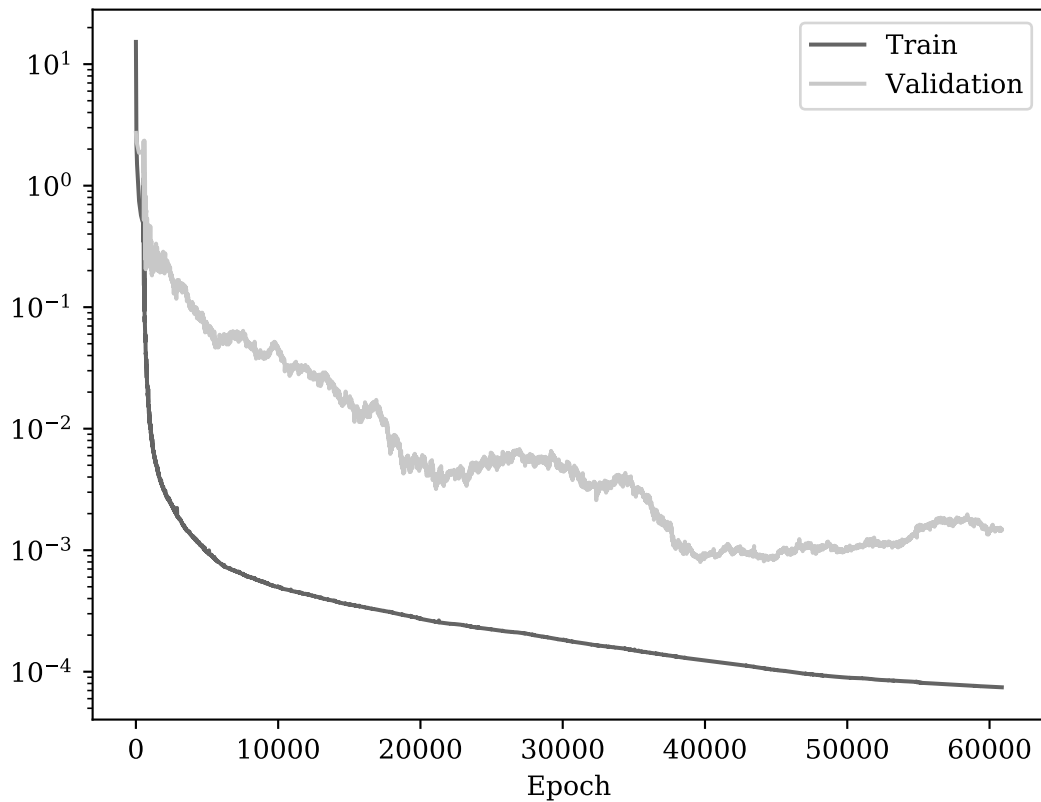
Validation points -> 3160

Validation T -> 10.0 s

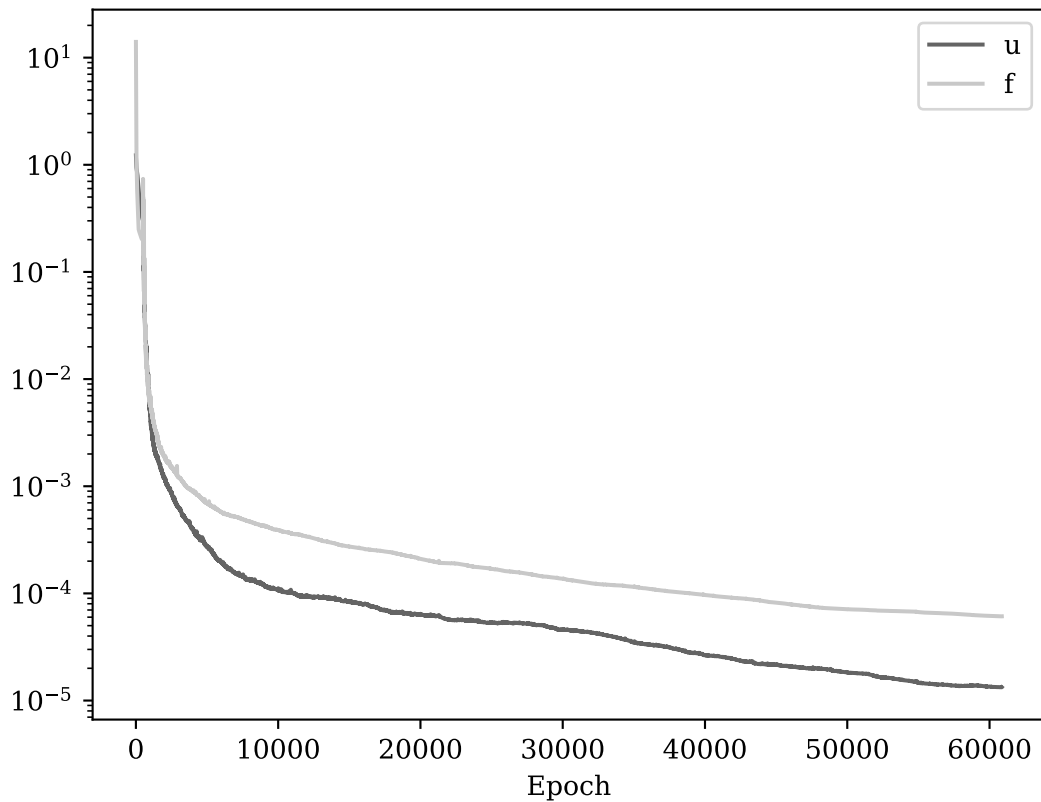
Test points -> 316

Test T -> 10.0 s

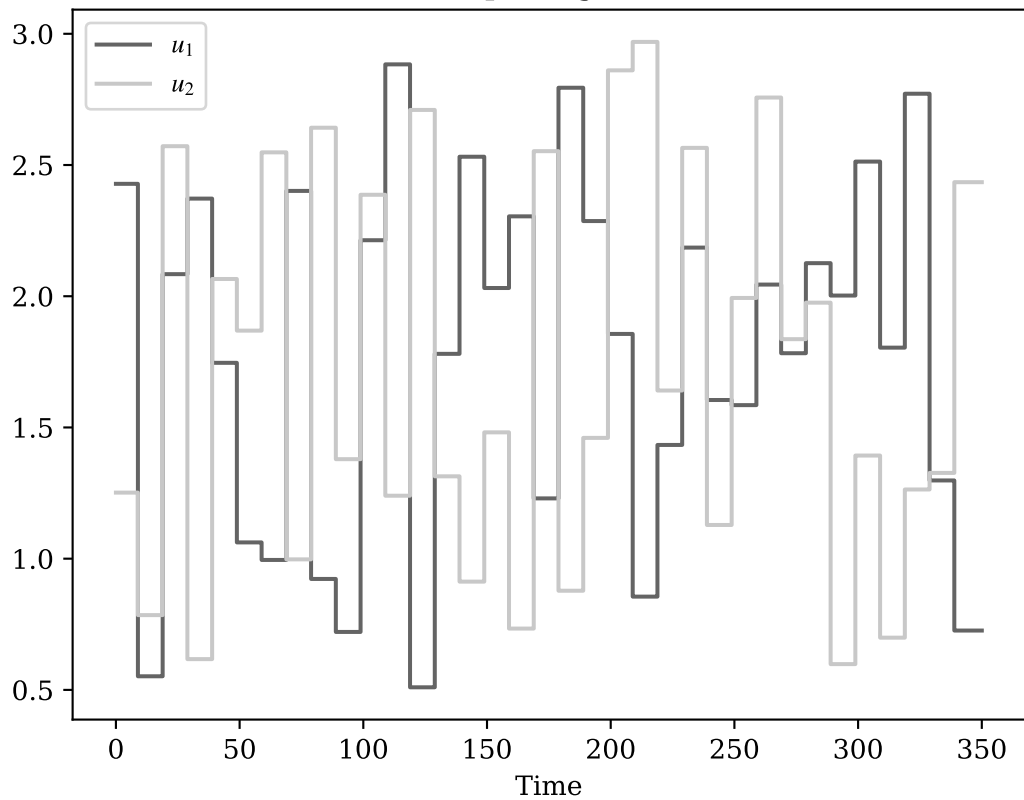
L2 error



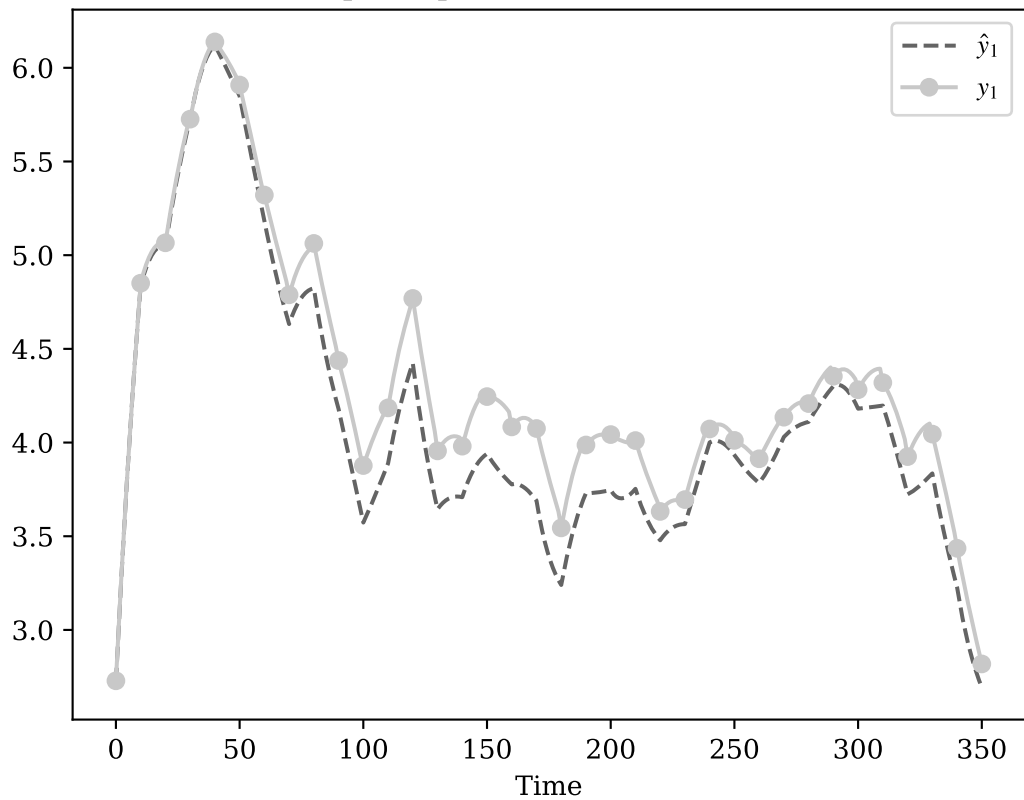
Train L2 error



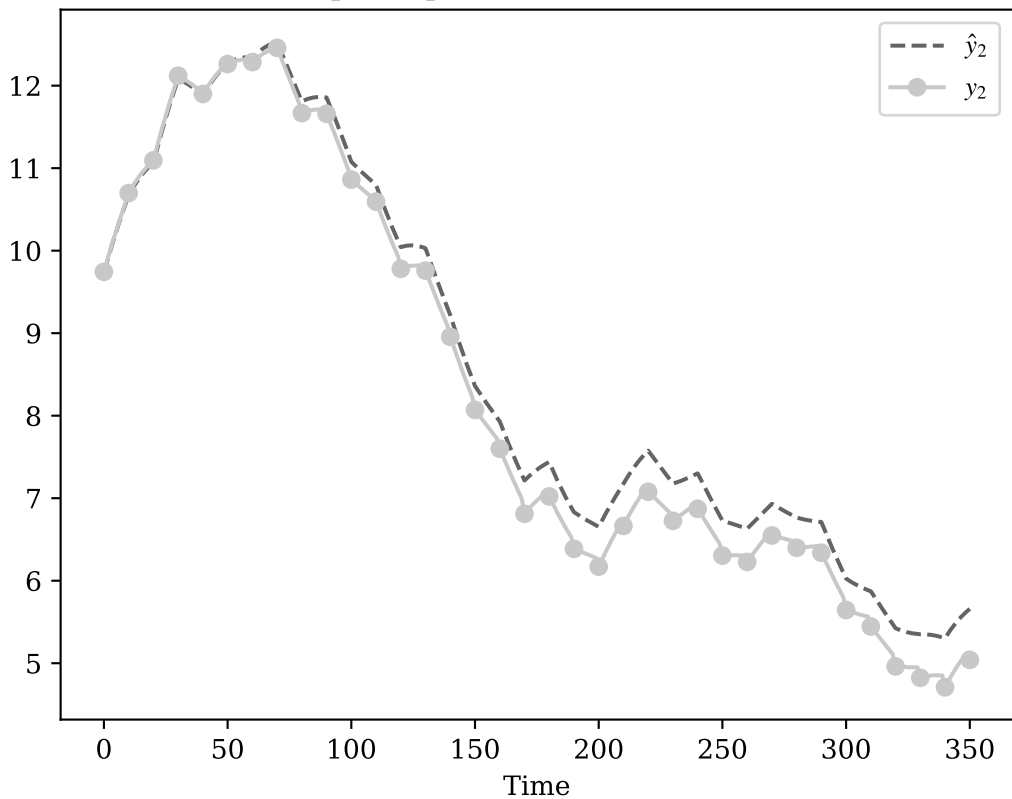
Input signal



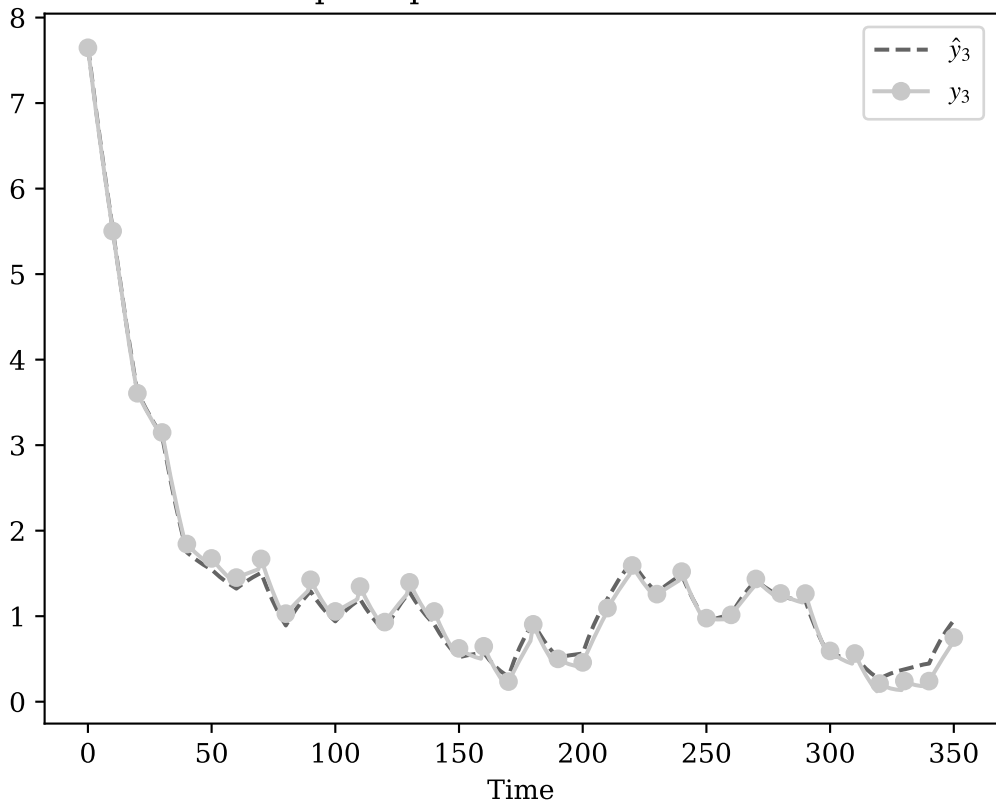
Output 1 prediction. MSE: 0.053



Output 2 prediction. MSE: 0.102



Output 3 prediction. MSE: 0.009



Output 4 prediction. MSE: 0.01

