

One tank neural network's working period test:

Adam epochs -> 500

Max L-BFGS iterations -> 2000

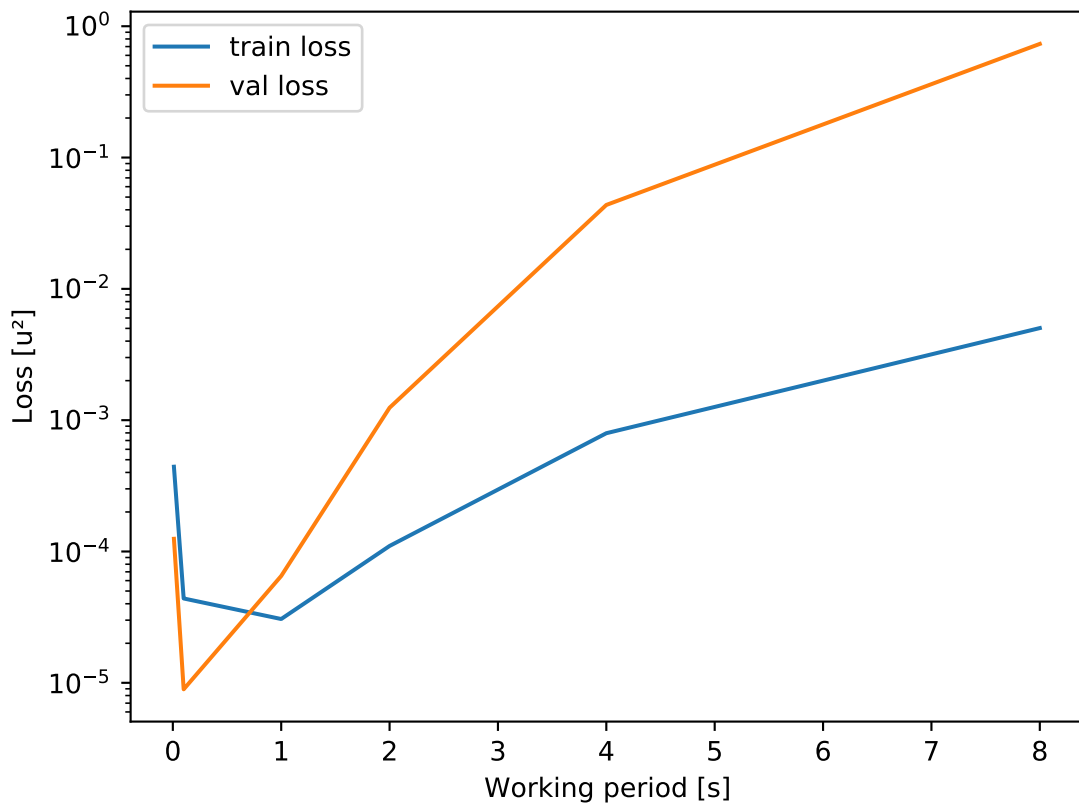
Train Nu -> 1000

Train Nf -> 100000

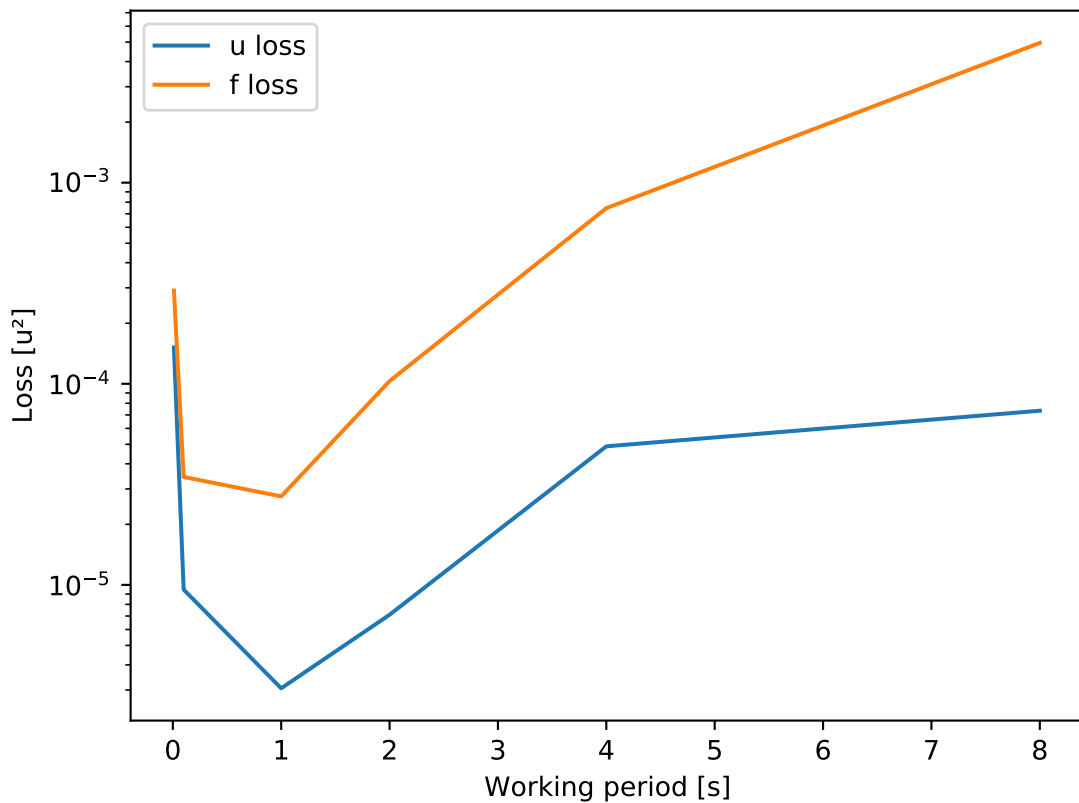
Validation points -> 10000

Test points -> 10000

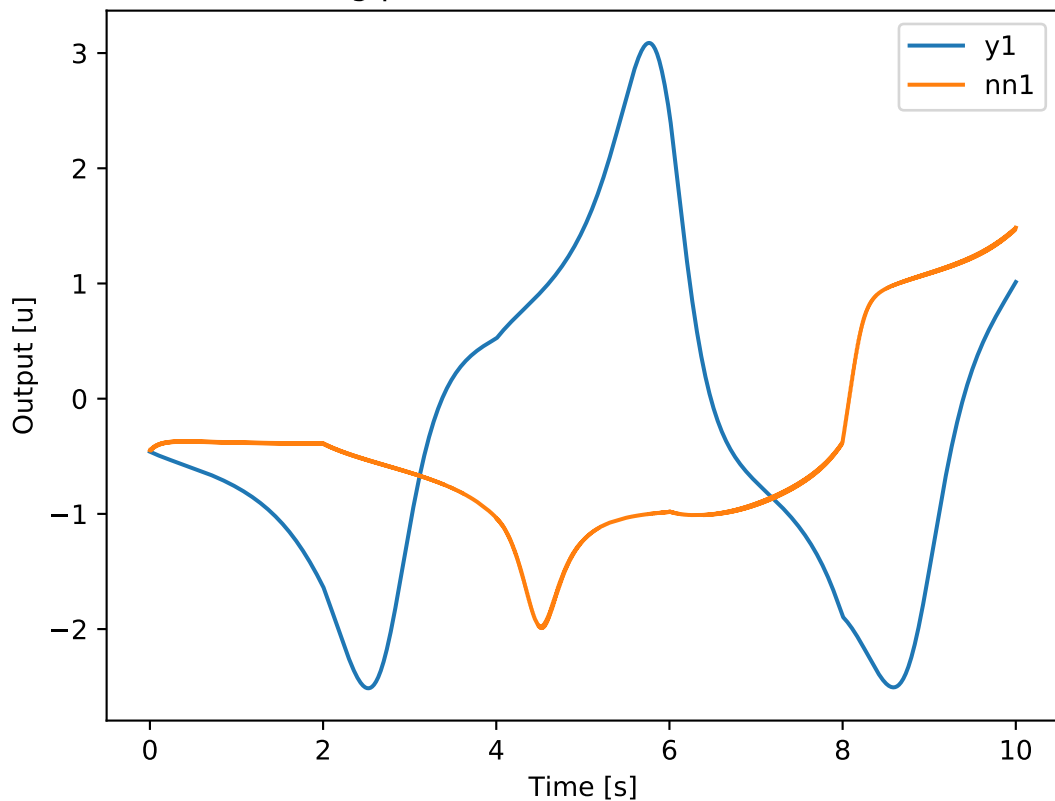
Train and validation total losses



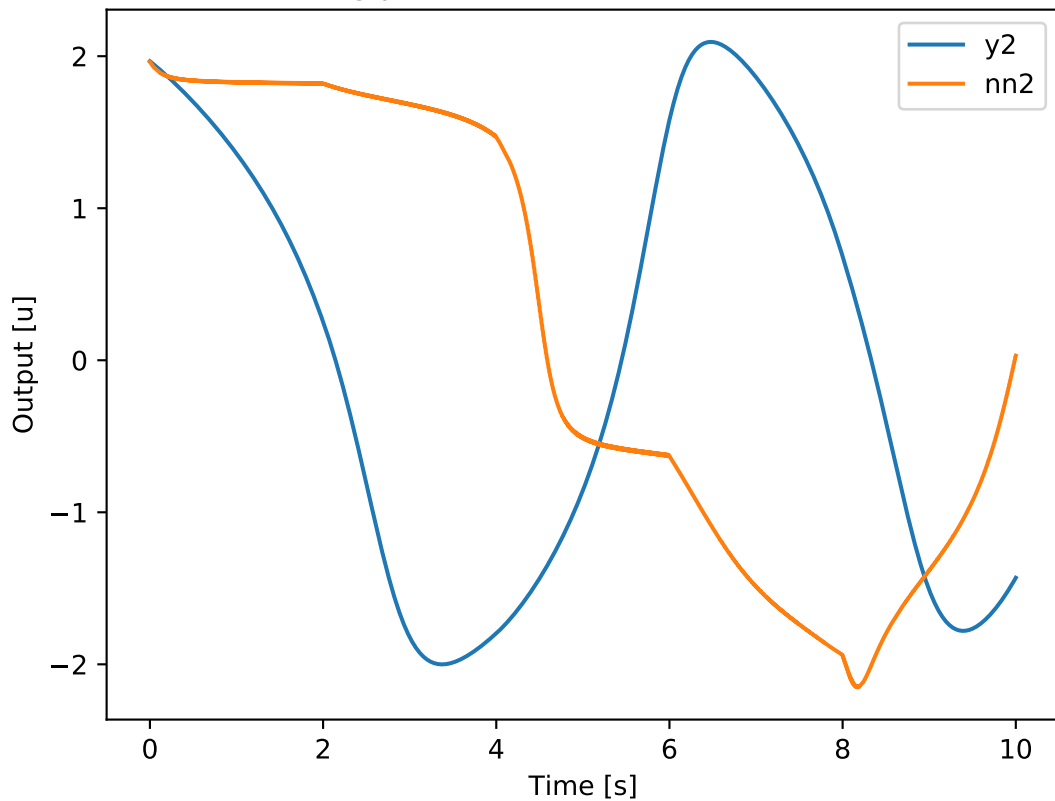
Train losses



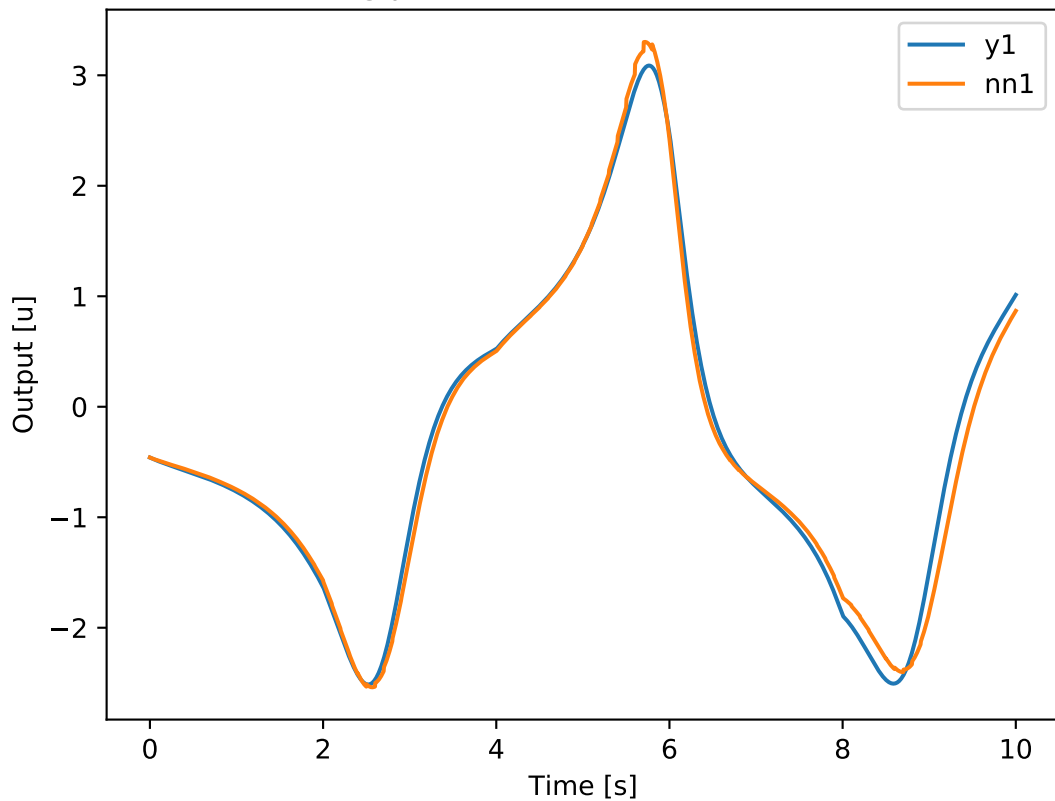
Working period = 0.01 s. Plot MSE: 3.671 u



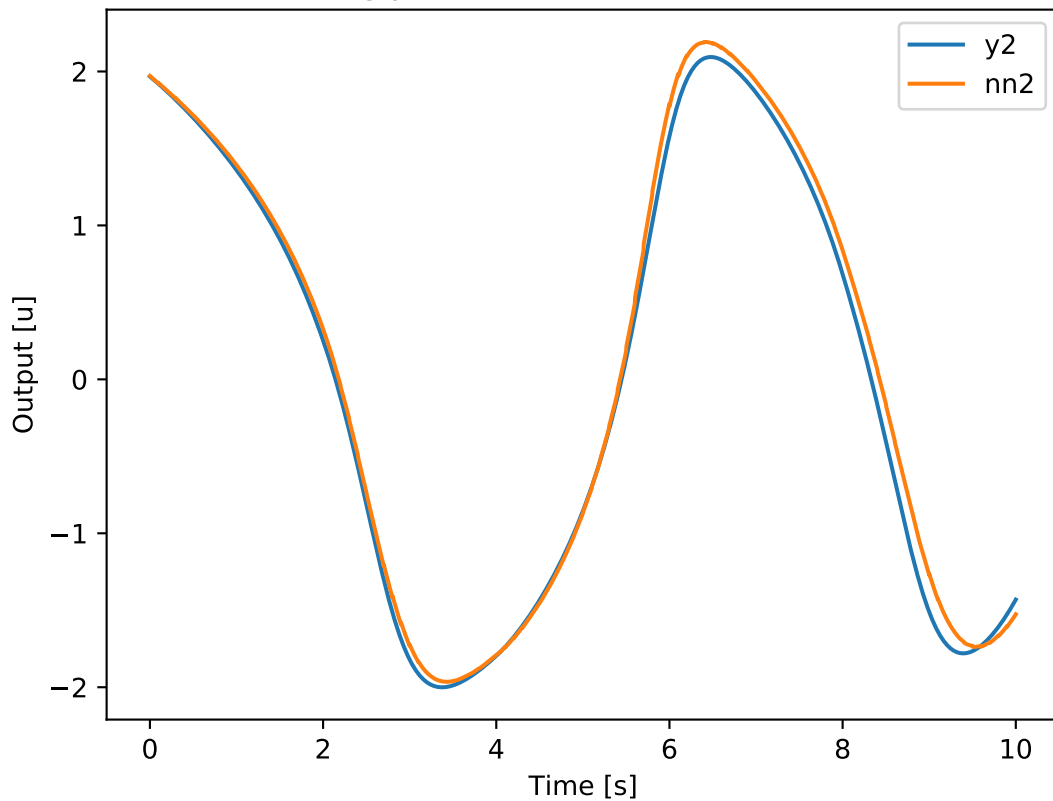
Working period = 0.01 s. Plot MSE: 4.853 u



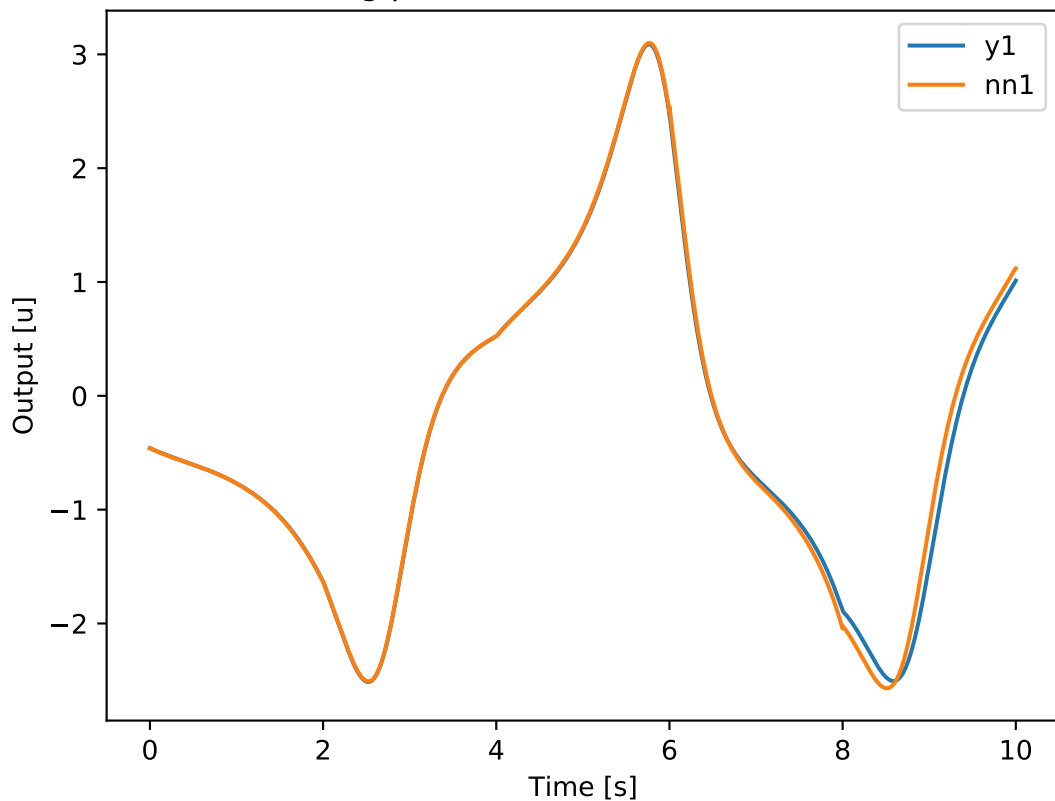
Working period = 0.1 s. Plot MSE: 0.022 u



Working period = 0.1 s. Plot MSE: 0.012 u

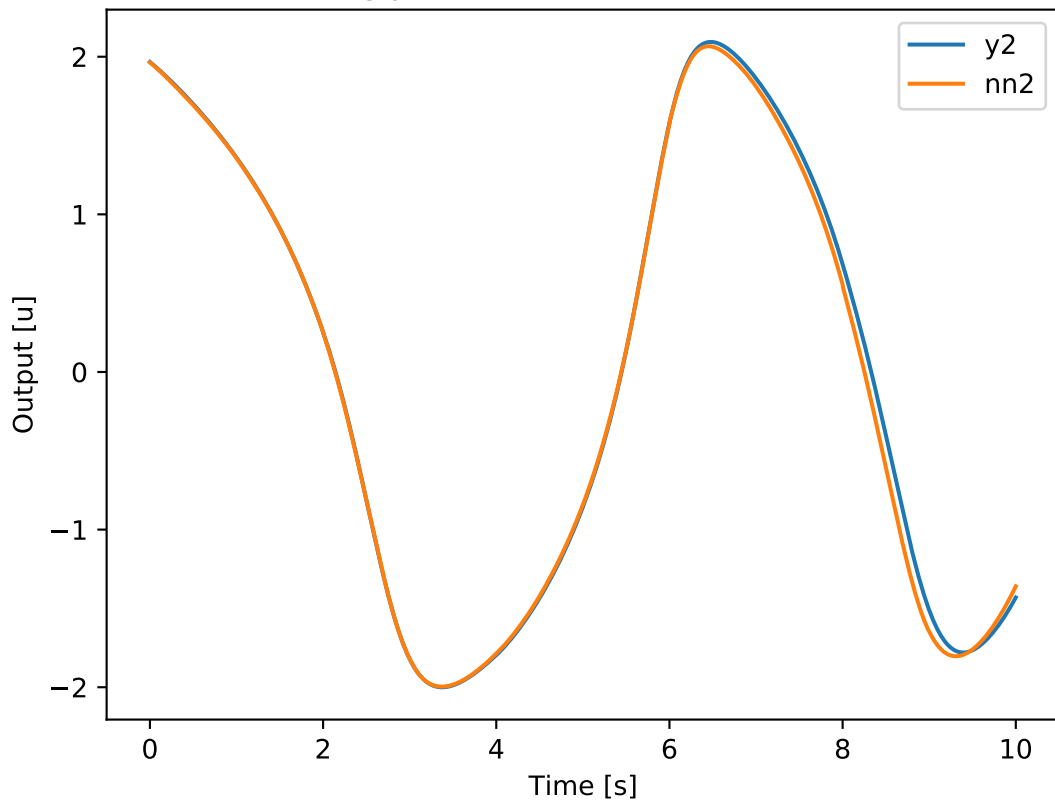


Working period = 1.0 s. Plot MSE: 0.009 u

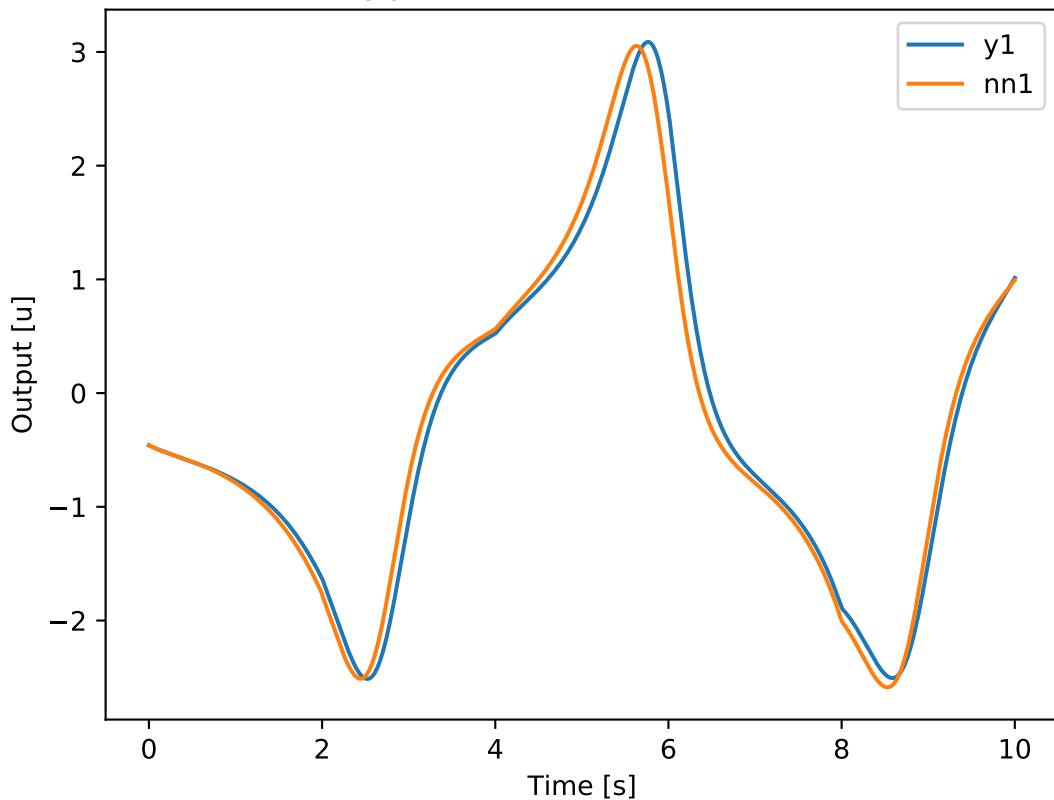




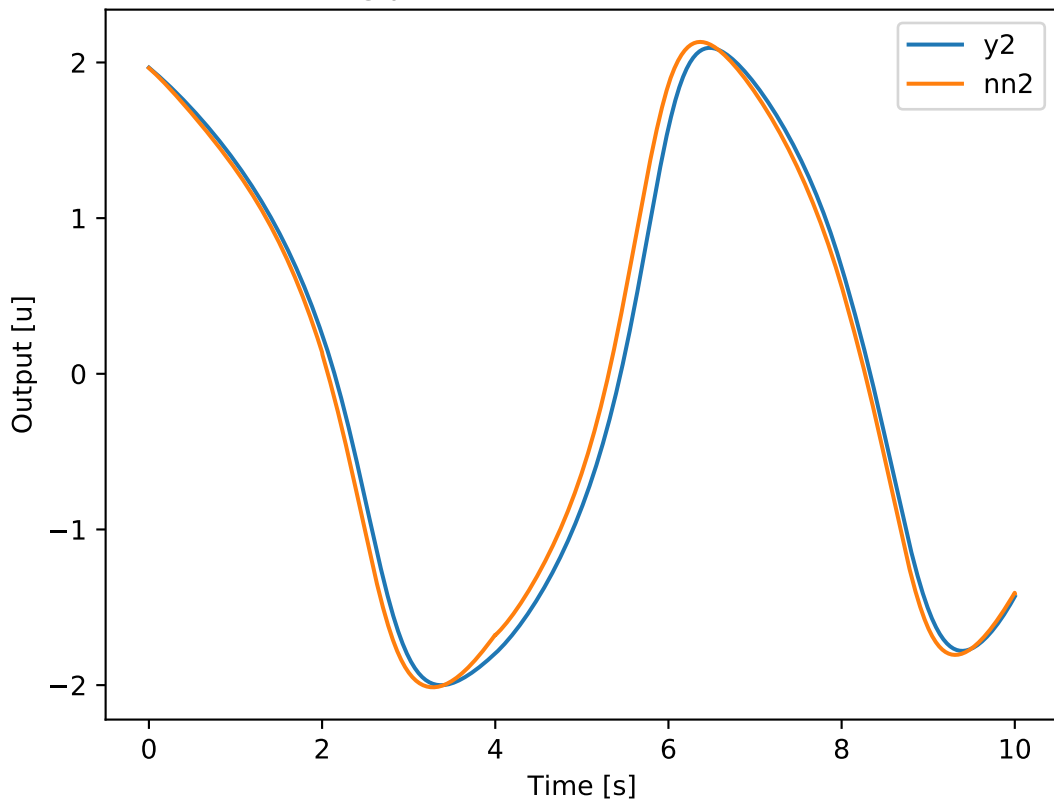
Working period = 1.0 s. Plot MSE: 0.005 u



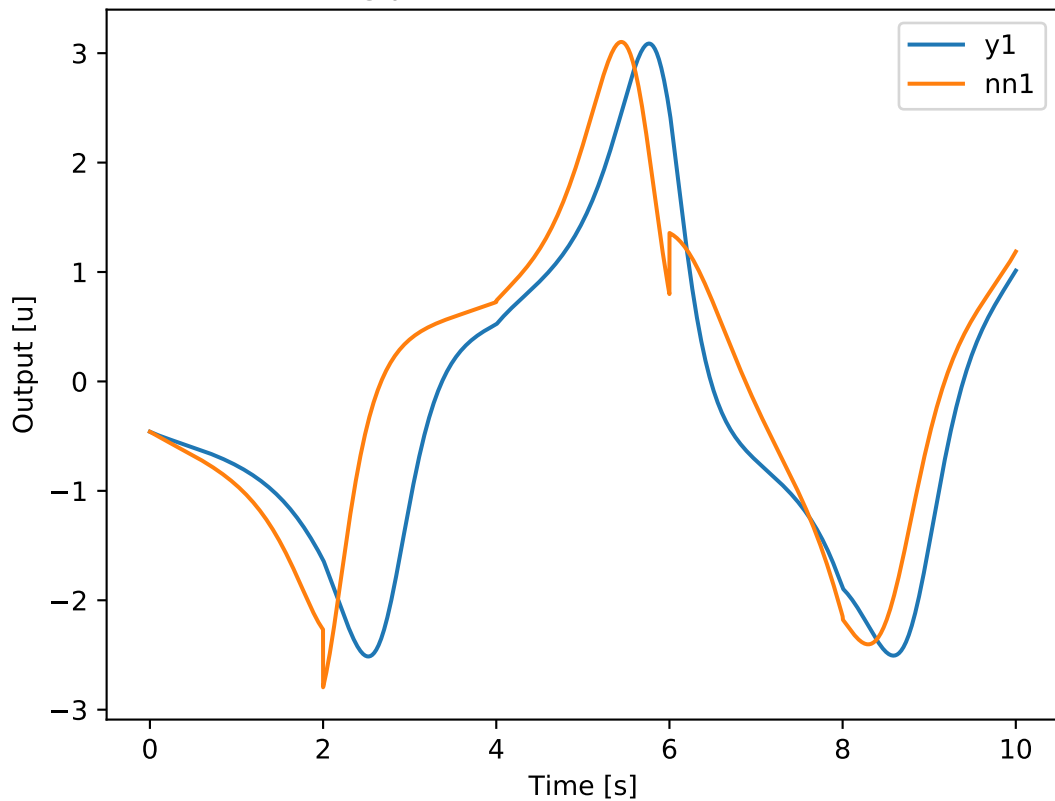
Working period = 2.0 s. Plot MSE: 0.046 u



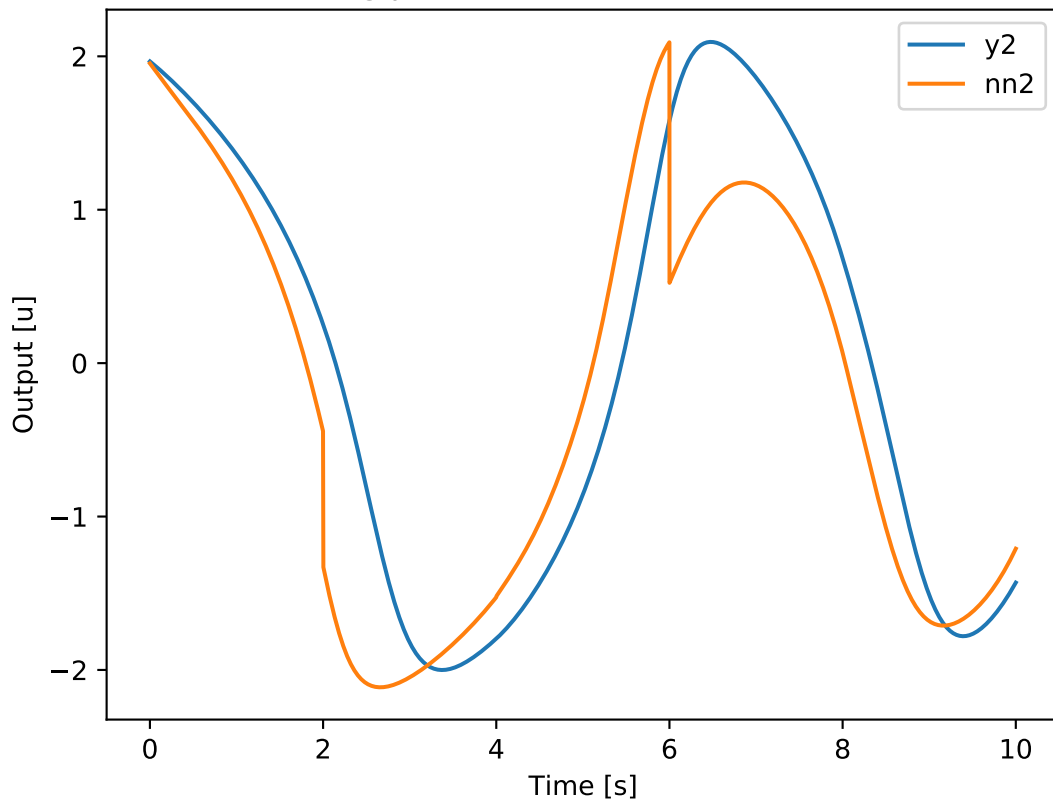
Working period = 2.0 s. Plot MSE: 0.023 u



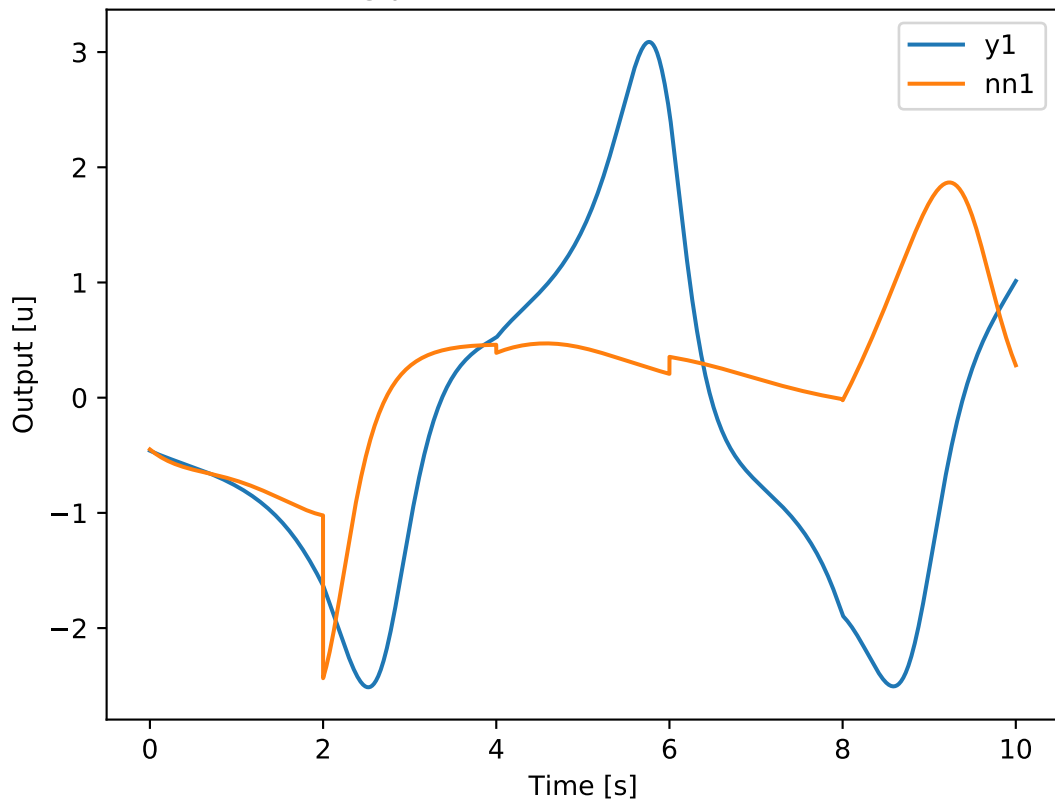
Working period = 4.0 s. Plot MSE: 0.569 u



Working period = 4.0 s. Plot MSE: 0.431 u



Working period = 8.0 s. Plot MSE: 2.298 u



Working period = 8.0 s. Plot MSE: 2.414 u

