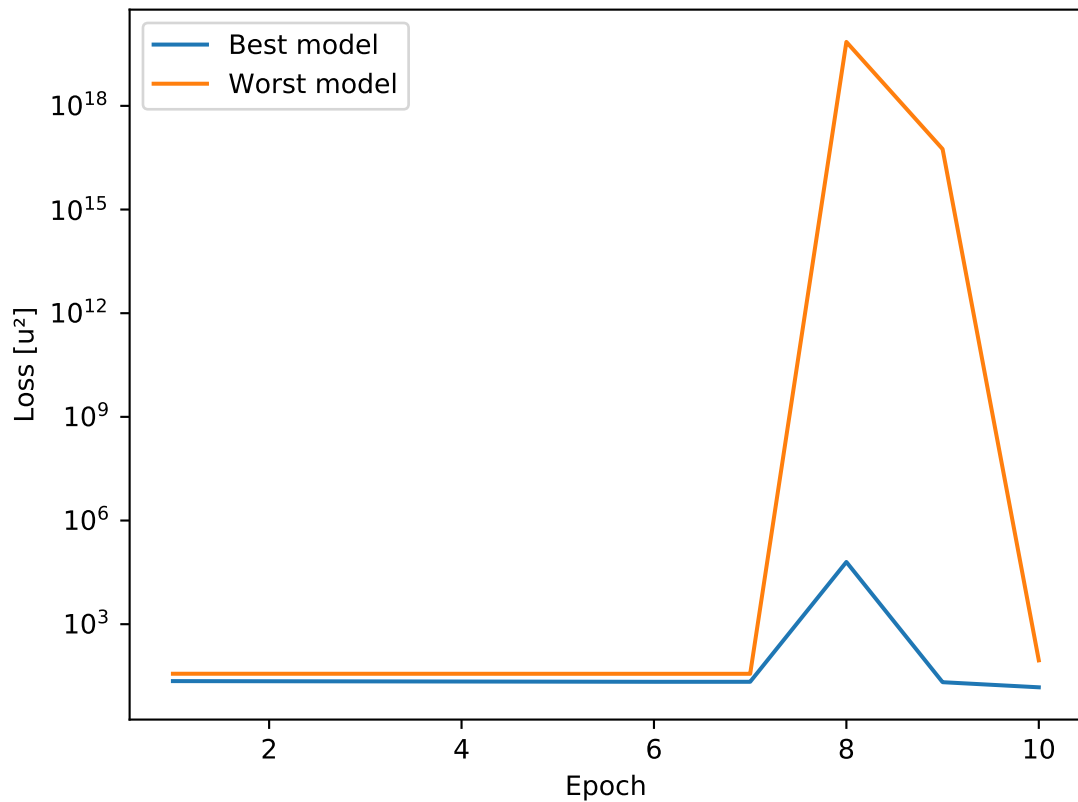
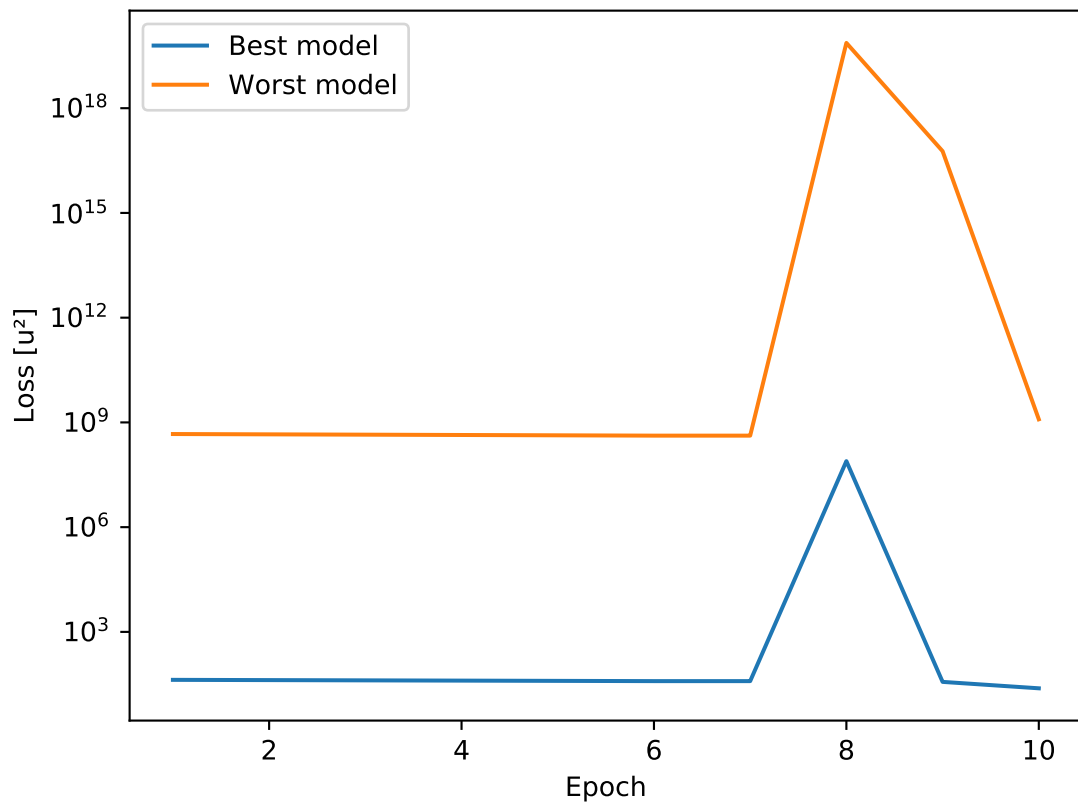


Best model neural network's structure -> 2 hidden layers of 10 neuron
Best model working period -> 15.0 s
Best model train Nu -> 500
Best model train Nf -> 100000
Best model validation points -> 10000
Worst model neural network's structure -> 2 hidden layers of 10 neuron
Worst model working period -> 0.001 s
Worst model train Nu -> 1000
Worst model train Nf -> 2000
Worst model validation points -> 200
Test points -> 160000

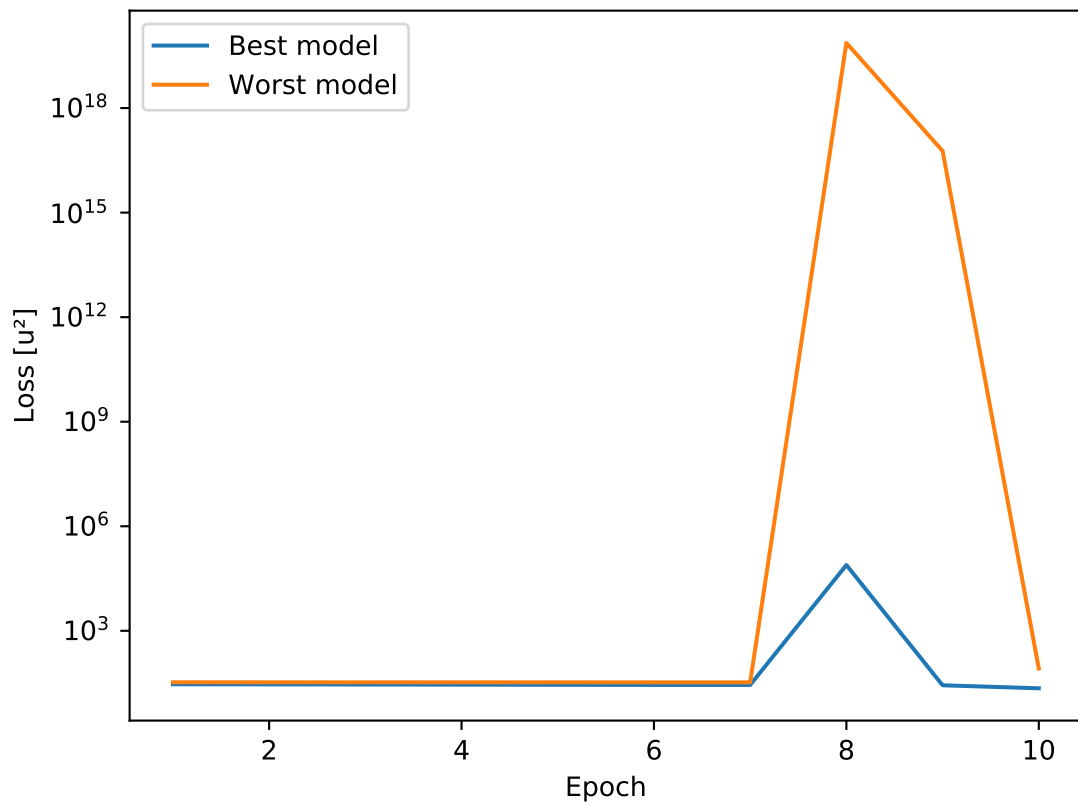
Validation loss



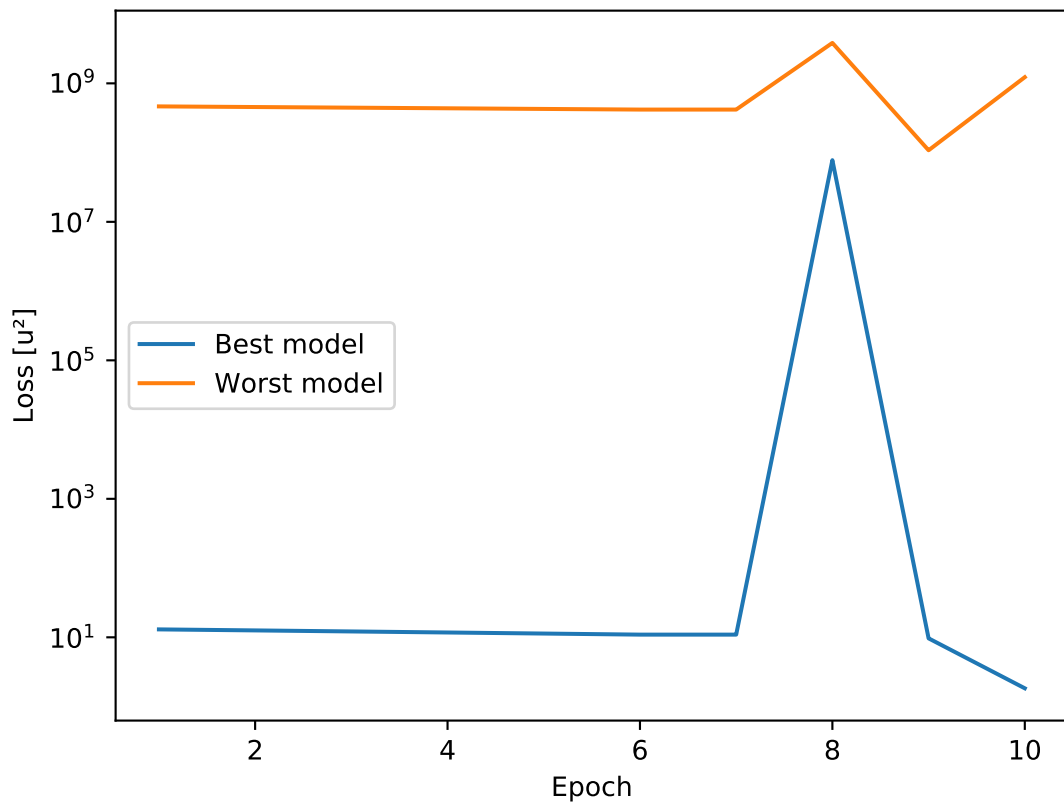
Train total loss



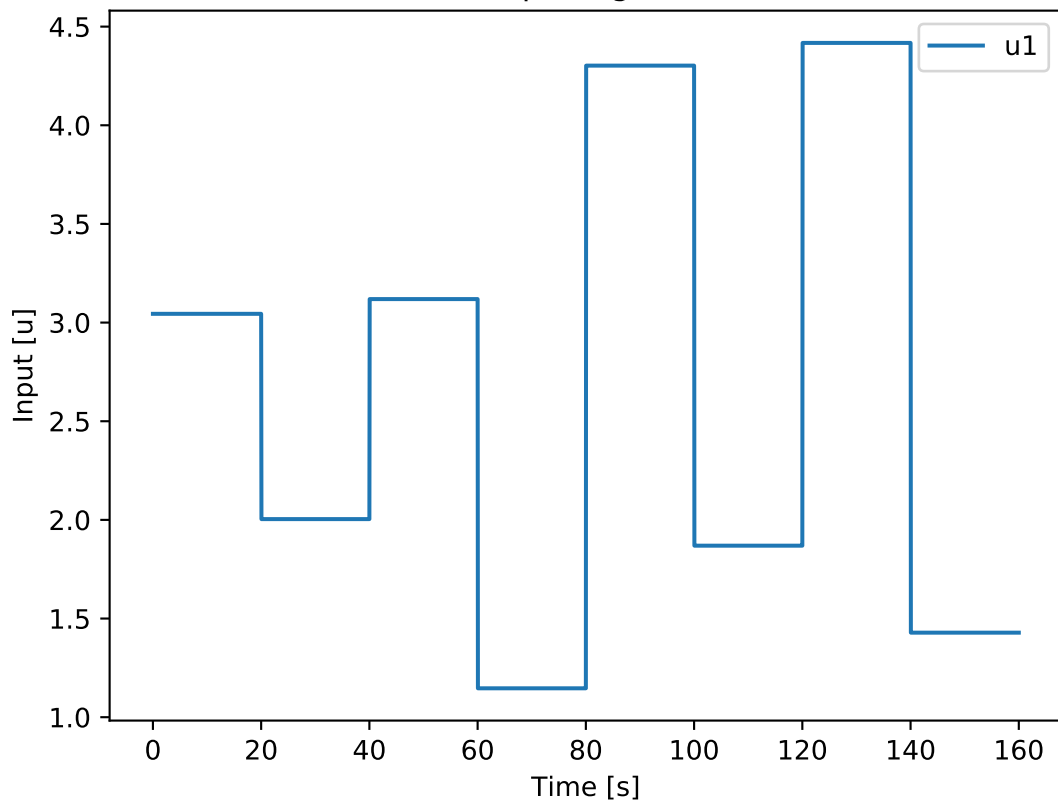
Train u loss



Train f loss



Input signal



Output 1 prediction

