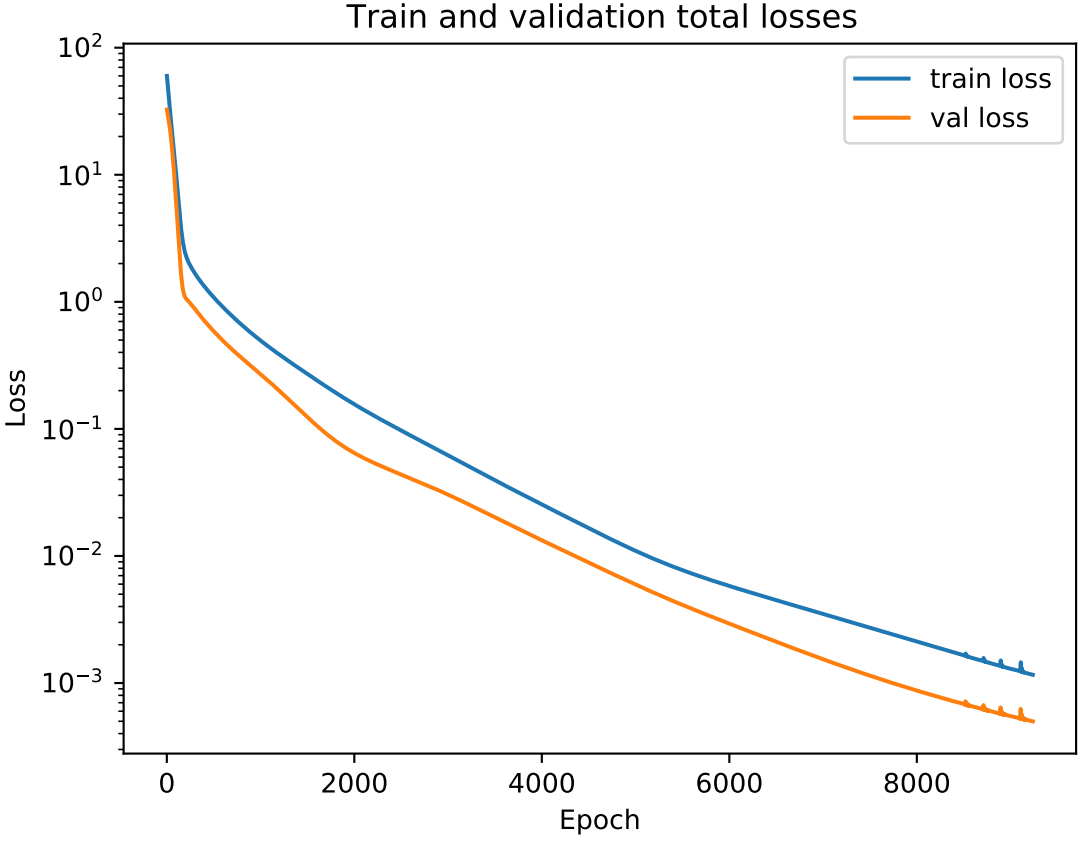
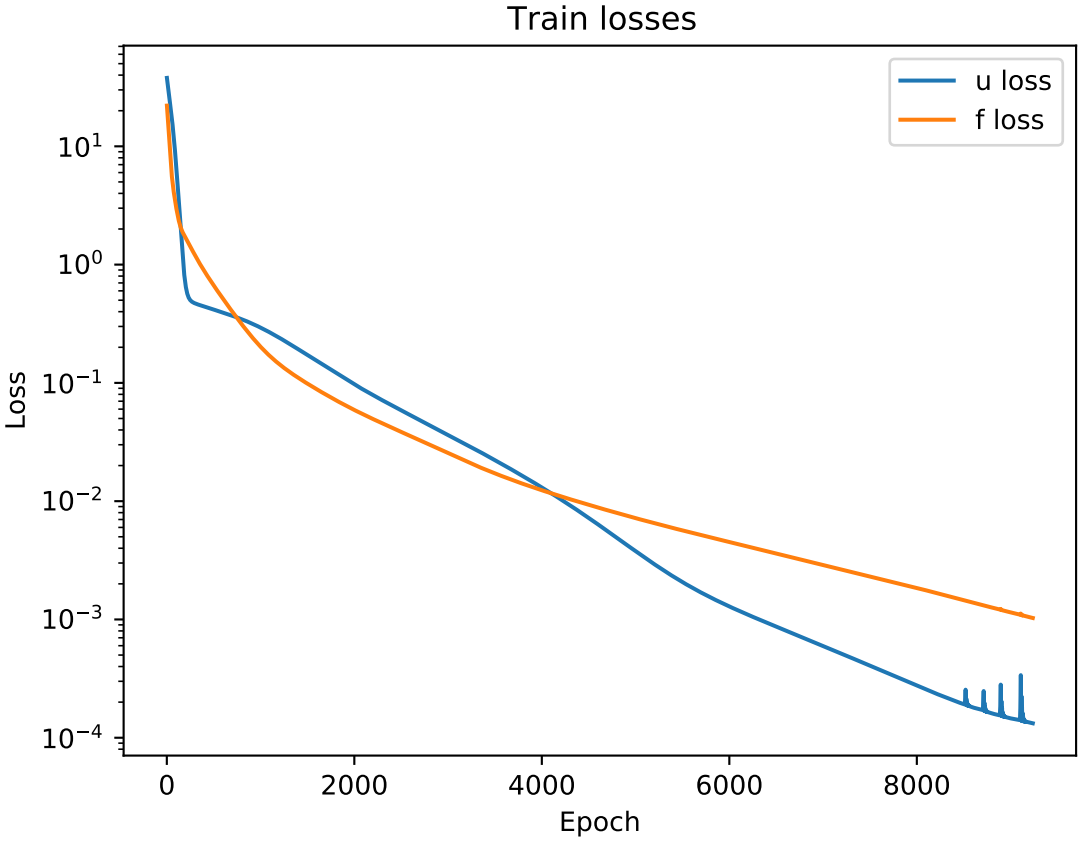
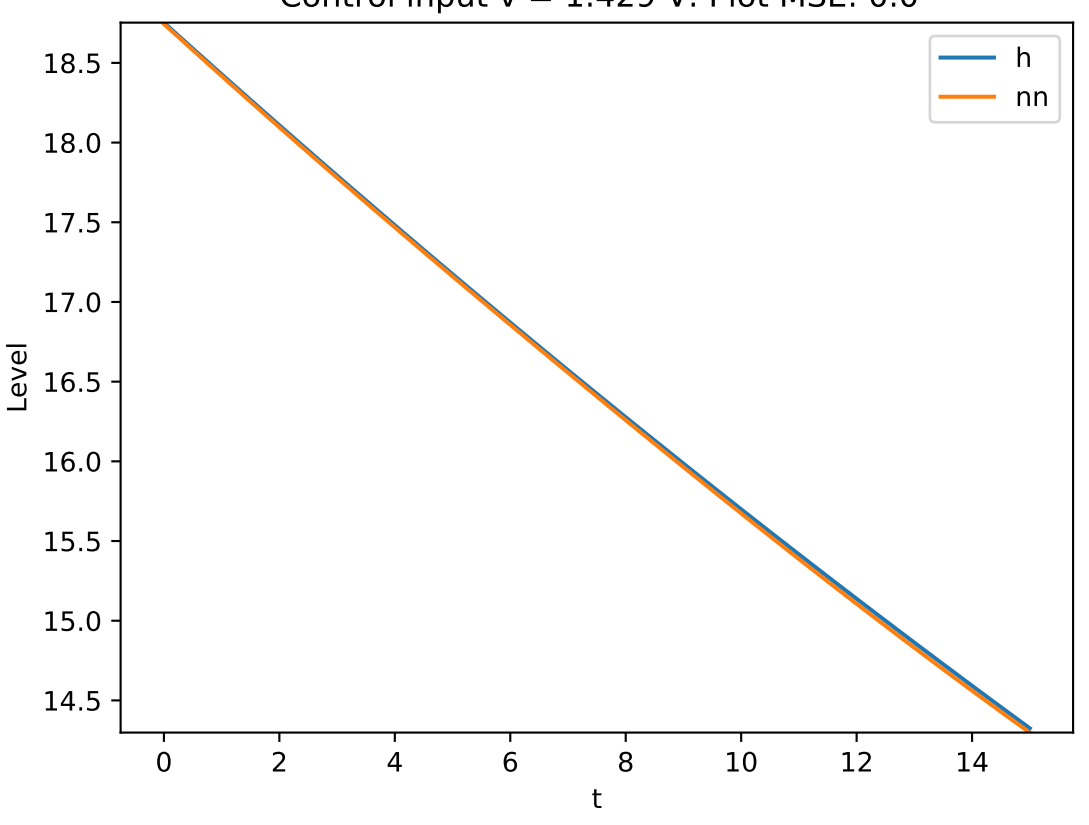
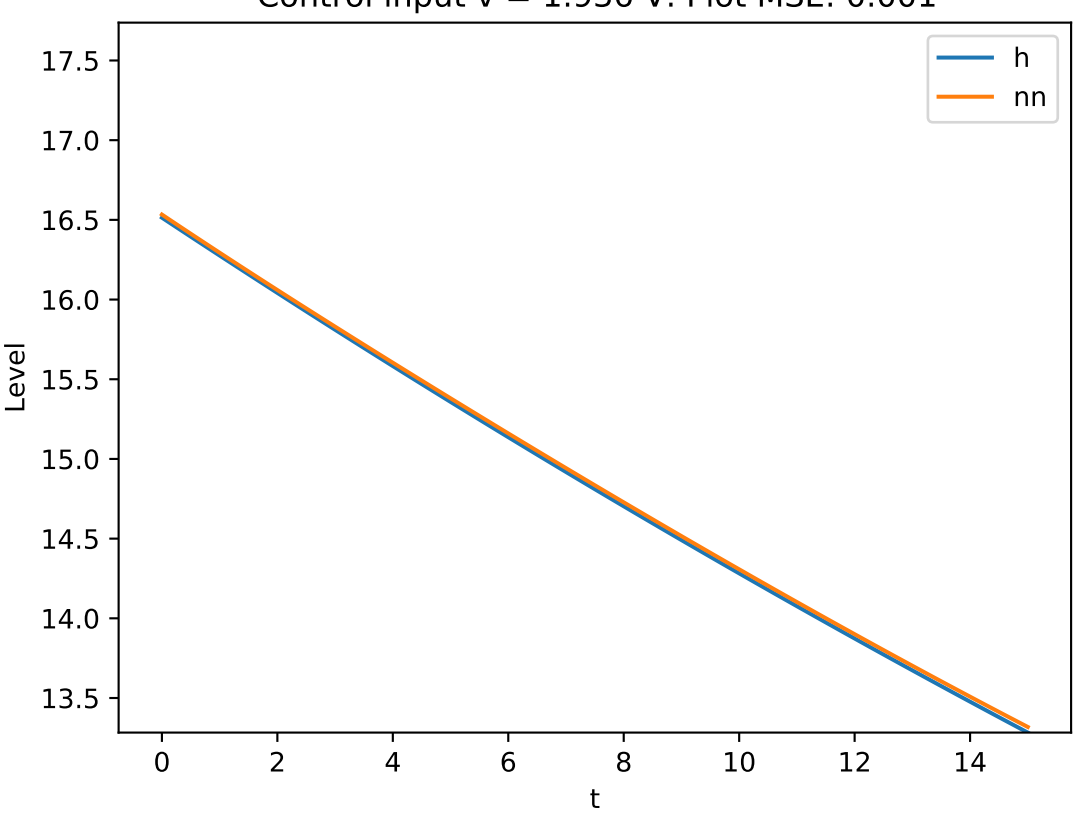
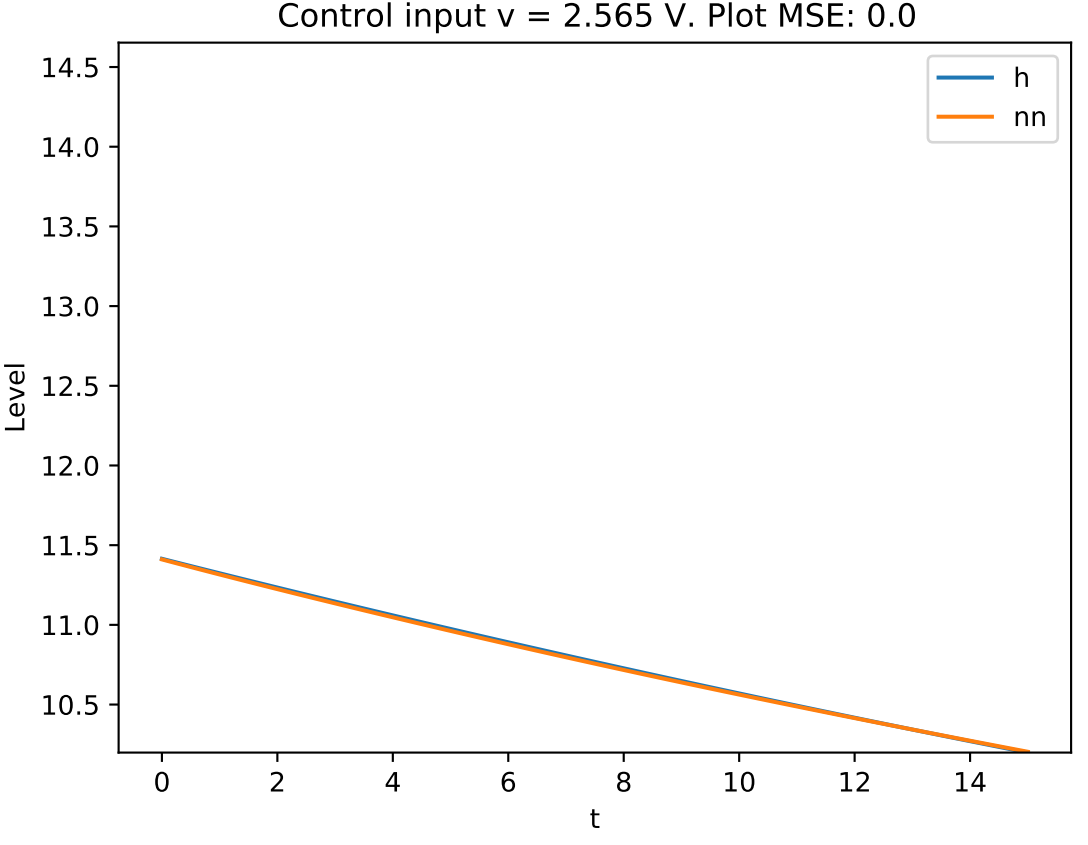
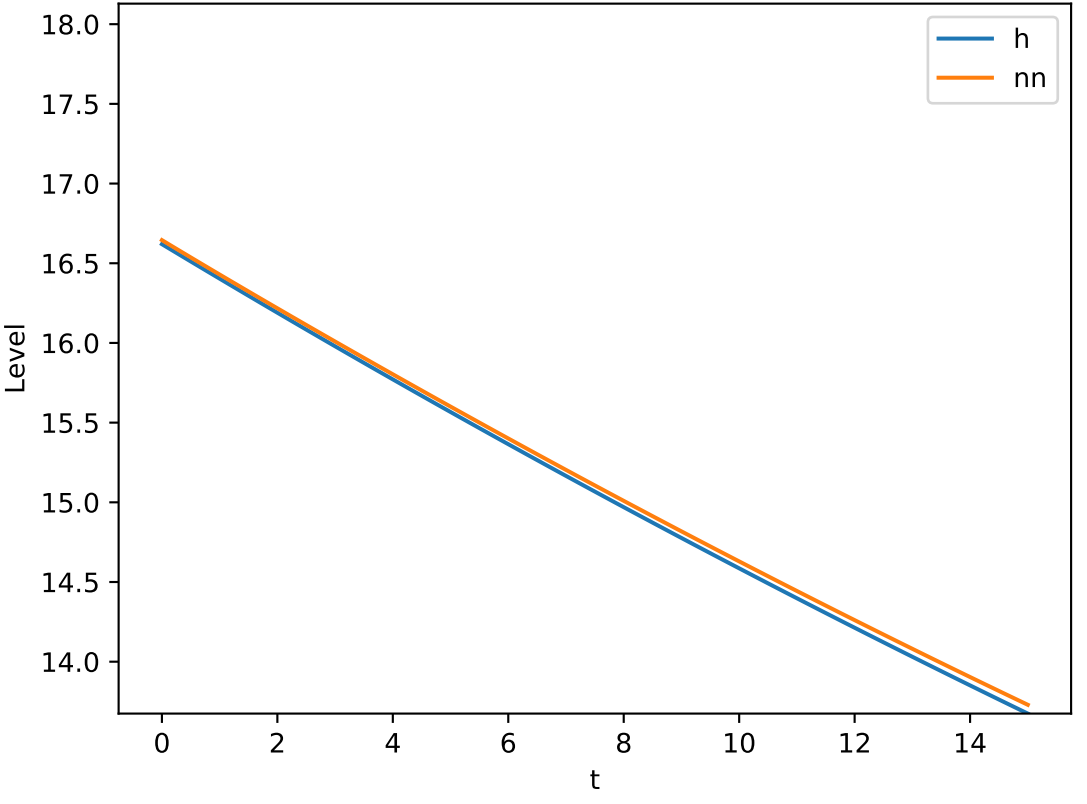

Train and validation total losses
train loss
val loss
Loss
Epoch
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
0
2000
4000
6000
8000

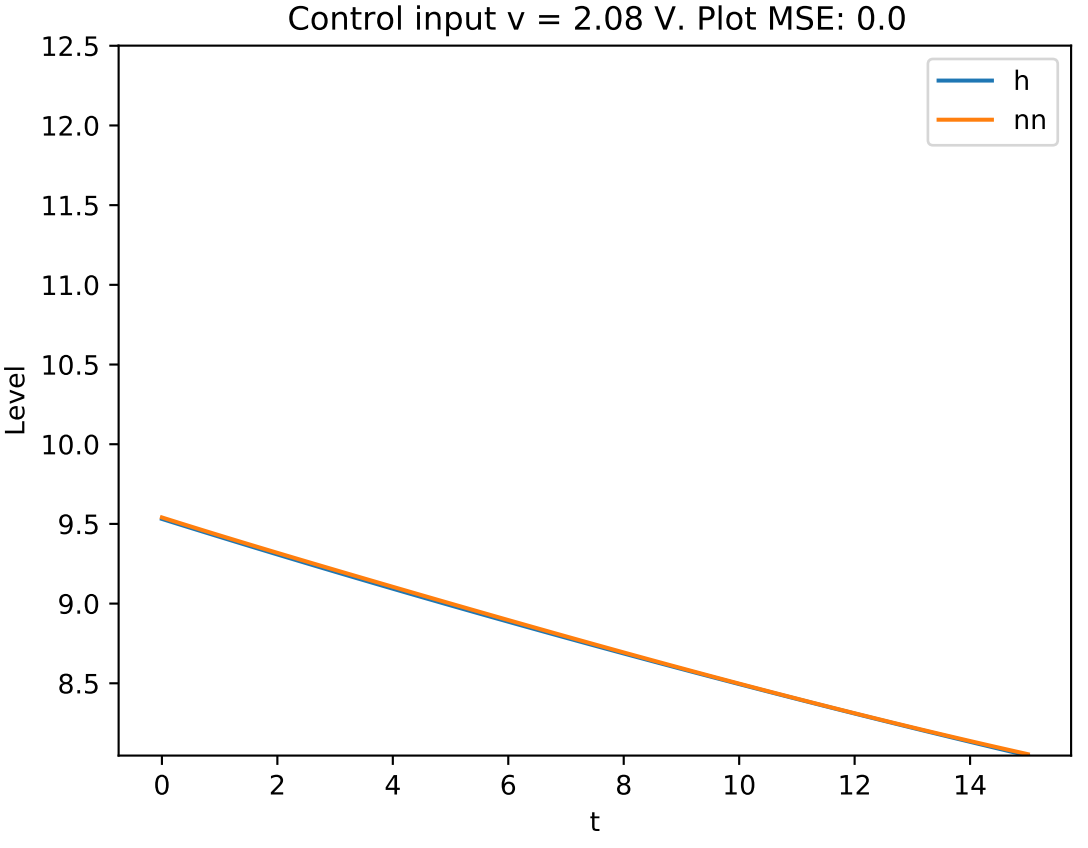

Train losses
u loss
f loss
Loss
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
0
2000
4000
6000
8000
Epoch


Control input v = 1.429 V. Plot MSE: 0.0
h
nn
Level
t
18.5
18.0
17.5
17.0
16.5
16.0
15.5
15.0
14.5
0
2
4
6
8
10
12
14


Control input v = 1.936 V. Plot MSE: 0.001
h
nn
Level
t
17.5
17.0
16.5
16.0
15.5
15.0
14.5
14.0
13.5
0
2
4
6
8
10
12
14


Control input v = 2.565 V. Plot MSE: 0.0
h
nn
Level
t
14.5
14.0
13.5
13.0
12.5
12.0
11.5
11.0
10.5
0
2
4
6
8
10
12
14


Control input v = 2.139 V. Plot MSE: 0.002
h
nn
Level
t
18.0
17.5
17.0
16.5
16.0
15.5
15.0
14.5
14.0
0
2
4
6
8
10
12
14


Control input v = 2.08 V. Plot MSE: 0.0
h
nn
Level
t
12.5
12.0
11.5
11.0
10.5
10.0
9.5
9.0
8.5
0
2
4
6
8
10
12
14