HW5

165583
Try different numbers of neurons and training algorithms, compare control results.

156352
Very good analysis, but no experiments with different numbers of neurons and training algorithms

178248
No simulation scheme

163012
Very good analysis, but no experiments with different numbers of neurons and training algorithms

165694
Very good analysis, but no experiments with different numbers of neurons and training algorithms

165593
Influence of different number of neurons and different training algorithms is not analyzed

177971
Experiments on figure 3 were made with "Tank" model, not with the system that you need to control in the home task ("Jacketed CSTR"): limitation 0.3 m is clear.
The same is on page 5.
No control results shown.

165547
Very good analysis, but training algorithm and activation function are different things

 165575
It can be seen from figure 2, that you are identifying a wrong system - "Tank" model, not the system that you need to control in the home task ("Jacketed CSTR").
Control doesn't work (figure 5). Oscillations are too high!

163494
No analysis. Experiments at the end of the report are not commented.

177940
No experiments with different training algorithms

165585
No experiments with different numbers of neurons and training algorithms

163216
No experiments with different numbers of neurons and training algorithms

177355
Very good analysis, but no experiments with different training algorithms

172954
Not your report (177355)

165587
One input of model B block "Add" is missing. That is why model B doesn't work.
Input of the integrator is not control error, but set point.

165584
It can be seen from figure 1, that you are identifying a wrong system - "Tank"
model, not the system that you need to control in the home task ("Jacketed
CSTR").
Control doesn't work (last 2 figures). Oscillations are too high!

177943
It can be seen from identification figures, that you are identifying a wrong
system - "Tank" model, not the system that you need to control in the home
task ("Jacketed CSTR").
Control doesn't work. Oscillations are too high!

177822
It can be seen from identification figures, that you are identifying a wrong
system - "Tank" model, not the system that you need to control in the home
task ("Jacketed CSTR").
Control doesn't work. Oscillations are too high!

177258
It can be seen from figure 1.2, that you are identifying a wrong system - "Tank"
model, not the system that you need to control in the home task ("Jacketed
CSTR"). Limitation 0.3 is clear that is the case in "Tank" model. Used data set
is not correct!
This is because of
load input.mat u
load output.mat y

You generated data correctly (figure 1.0), but didn't use them because of loading data from the file that we used in the class.
Control doesn't work. Oscillations are too high!

165510
No experiments with different numbers of neurons and training algorithms

 178177
Control doesn't work. Output is 0.3. Most probably, you used wrong data set for training the network (loaded dataset that we used in the lab - it was in the beginning of the training file), but there is no listing in the report. So, it is not possible to say why, but the system doesnät work correctly.

165579
No experiments with different numbers of neurons and training algorithms