

HW4 Comments

156356

"after the disturbance is introduced at 1800 seconds". There is no disturbance according to figure 4

163290

Applied control doesn't use genetic algorithm.

163588

Nice experiment :)

156360

What is inside gain on figure 3. In fact, It is not needed.

156361

"Now we change the set time value in step input block to 10, and compare the graph "

Set value doesn't change. Just control starts later. There is no difference between these two experiments.

156445

figures 8-9

Set value doesn't change. Just control starts later. There is no difference between these two experiments.

153026

One input of "ADD" block is missing. Input of integrator is not control error - that is why integrator doesn't help to get rid of static error.

163841

"This network include 3 layers: for input, for output and for finding relations between input and output, " - it's a wrong statement - layers are for different time instances and are not in j_CSTR_data file.

"Now we changed Step block to initial value 1.0 and final time 0.8" - on the figures, the values are 1.0 and 0.6

153105

"A feedforward neural network is designed using 2 layers: 15 and 10 nodes. " - in this method, the network has another structure.

163834

"The input and output are read from the j_CSTR file." How do You READ data from j_CSTR file?

153384

"Step block value was changed to 10" Why did You need to change step time to 10? Set value doesn't change. Just control starts later. There is no difference between these two experiments.

153382

Why did You need to change step time? Set value doesn't change. Just control starts later. There is no difference between these experiments.

156353

What is inside gain on figure 8. In fact, It is not needed.