

HW3 Comments

163834

Interpretation of results in self-learning case.

"Taking the six as a nine"

156361

No conclusions

163290

"On the picture 4 it is seen SOM confuses and demonstrates not too much good performance"?

The result seems to be perfect.

156358

Supervised learning: It is not clear from the report, how do you see that patterns with noise are recognized - only images are provided, no network simulation result

Figure 4-7 No recognition results. Just an image.

Figure 14 - what does test_out=9 mean? There is no class nr.9 in Yc.

156357

Figures 3.1, 3.2 - patterns are not correctly classified.

No analysis or even interpretation of pattern recognition results. How do you understand that the system works correctly and the answer is correct?

156360

"Now to test the all neurons to correspond it values type the command >>test and you can see the result in command window " - there is now script test.m in the report.

if test_number = number1+randn (35,1) *0.12 - the result should be for one input pattern. Not for 10!

"To check again the noise in picture of number 1 I performed the test again with 20 % noise. " - there is no result for this test in the report!

"Figure 10 Self-learning test result and with number image with noise."

There is no test result on figure 10

156445

Figure 12 - clasterization iz no correct - numbers 8 and 10 are in the same class (nr.9)

165498

Main part of the report - recognition of letters, but not numbers. No analysis of number recognition with noise is presented.

153382

No comments, just numbers.

165552

"Now after training we test the Neural Network by adding some noise" - where the result is?

Yc on page 7 shows incorrect clasterization.

157379

">> sim(net,test) After putting this command we can see the all the number in right place."

test doesn't contain noise. test is not test_number and doesn't contain test_number. So, you don't check patterns with noise.

156942

How did You get "test ="?

No recognition results for self-learning presented.

165690

It is not possible to understand the solution from the report. The results are not presented in the report. I asked NOT to send me Matlab scripts - all the solution and analysis has to be presented in the report.