Comments for computers-2668380

# Reviewer 1

## 1. Comment

The value of H is only 10 in the simulation. This value may be smaller for a complex task.

## Response

**(na ginei peirama me to H kai to plithos ton genion)**

## 2. Comment

What type of neural network is used in the simulation. Training time comparison is useful to show the advantage of the proposed method.

## Response

**(na mpei mia sugkrisi xronon se kapoia datasets)**

## 3. Comment

Can it be extended to the optimization and control issues?

## Response

**(na eipothei to idio me tous genetikous oti mporei na paizei me kathe optimization method)**

## 4. Comment

There are many methods to initialize the parameters for artificial neural networks. So what is new in this paper.

## Response

**(As reviewer 1. Why is this necessary )**

# Reviewer 2

## 1. Comment

The title must have a capital letter in every main word.  Bounds instead of “bounds”, Neural instead of “neural”, etc.

## Response

Corrected.

## 2. Comment

There is only one affiliation instead of three, please check and correct according to the format.

## Response

We have three affiliations.

## 3. Comment

The introduction section is well-structured; nonetheless, it is recommended not to lump references but to provide more detailed and relevant information on key references.

## Response

**(na mpei kapoio keimeno gia kapoies apo tis proteinomenes anafores)**

## 4. Comment

Why was the GA selected over other techniques to train the values of the ANN? Please elaborate.

## Response

**(exigisi giati dialexame GA kai na eipothei pos i methodos einai geniki kai den exartatai apo tin optimization method)**

## 5. Comment

Please check Figure 1, the legend is misplaced.

## Response

Corrected.

## 6. Comment

The format of the tables does not match the MDPI format. Please check and correct.

## Response

Done.

## 7. Comment

Figures 3 and 4 do not need bold letters in the axis. Please check and correct

## Response

We have replaced the images.

# Reviewer 3

## 1. Comment

I believe that the introduction is missing a paragraph emphasizing the need to develop a new method of generating a range of values for the parameters of the artificial neural network.

## Response

**(As reviewer 1. Why is this necessary )**

## 2. Comment

Due to the numerous references to literature, I think it is worth limiting the number of sources to one example of an application of a given method (e.g. instead of 'the Back Propagation method [19,20]', write 'the Back Propagation method [19]').

## Response

Done.

## 3. Comment

Write the variables in equation 7 in italics.

## Response

Done.

## 4. Comment

It is necessary to standardize the modulo notation in Table 1.

## Response

Changed to mod.

## 5. Comment

The choice of parameter values has a great impact on the results of the metaheuristics, but in the work I did not find any justification for the selected values, which are presented in Table 2. There is also no information about why you chose certain methods for comparison.

## Response

**(na ginei peirama me to H kai to plithos ton genion)**

## 6. Comment

In addition to the average value, please also add the standard deviation in the presented results.

## Response

## 7. Comment

I believe that in subsection 2.3 you should write at least one introductory sentence describing the pseudocode presented.

## Response

## 8. Comment

The abbreviation PSO was used and was not explained.

## Response

Done.

## 9. Comment

There is a lack of consistency in the use of proper names - sometimes you write 'Genetic Algorithms', and sometimes 'genetic algorithms'.

## Response

Corrected everywhere to genetic algorithms.

## 10. Comment

There are missing spaces before some references to literature (e.g. on line 74).

## Response

Corrected.

## 11. Comment

A dot is missing at the end of line 205.

## Response

Added.

## 12. Comment

I think the word 'Results' is missing from the name of Tables 3 and 4.

## Response

The captions have been changed to the following:

1) Experimental results for classification datasets. The values in cells indicate averare classification error as measured on test set

2) Experimental results for regression datasets. The values indicate average regression error as measured on test set.