

Review Form 1.6

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_93216
Title of the Manuscript:	Thermal Error Analysis of Machine Tool Spindle Based on BP Neural Network
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalsrr.com/index.php/JSRR/editorial-policy>

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>In this paper, the thermal error of horizontal machining center is analyzed by hybrid model. The data are divided into four categories by fuzzy cluster analysis, and finally, the thermal error model is established by BP neural network based on time series.</p> <p>Fig. 8 shows the relevant program for calculating fuzzy matrix, but what are the results obtained with the mentioned program?</p> <p>What non-linear function was used (for NN model)?</p> <p>What set of input data to the neural network was used?</p> <p>Fuzzy model and NN model are very poorly explained and displayed, and need to be improved. The authors should clearly explain which activation functions was used.</p> <p>The numbers of hidden layers is not presented, etc.</p> <p>The structure of NN model must be explained.</p>	
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Aleksandar Zivkovic
Department, University & Country	University of Novi Sad, Serbian