# Review of: "Neural network compensation control of magnetic levitation ball position based on fuzzy inference"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

A neural network compensation control method based on fuzzy inference is proposed for magnetic levitation ball position control in this paper, and the simulation and experimental researches are carried out. The results show that this method can improve the transient quality of neural network control system.

The following are the lists of major concerns that I found. (The authors should not expect that all the errors are listed there.)

1. Although the dissemination part is well described, the novelty of the work in terms of theoretical developments is obscure. This issue should be elaborated in detail.

2. There are many papers on neural network compensation control. Please explain the difference between them and this article in the revised manuscript. Some recent papers and corresponding discussions are needed here to facilitate readers. Such as, DOI: 10.1002/asjc.1831; DOI: 10.1016/j.isatra.2019.05.003;

3. Are there limitations to the proposed control scheme? Is there any way to solve it.

4. How the convergence speed of the proposed control algorithm can be controlled?

5. How to determine the parameters in (1) to achieve a better performance?

6.It would be better if the authors could further discuss the prospect of the future research directions.