

# Review of: "Optimal torque distribution of distributed driving AGV under the condition of centroid change"

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

1. The author should write the full name of PIDNN.
2. The author should clearly state why PIDNN is selected in this case. The author should include other models and compare them with PIDNN, if PIDNN is not unique.
3. In Fig.3, the box "whole vehicle model" does not mention which condition goes left or right or top box. In this case, no matter what condition of  $(T_i - T_{ia})/T_i < 100\%$ , both Y and N, the workflow will definitely goes to the box "Torque distribution controller"
4. The author should clearly say Eq. (n) for each equation in the text. Only Eq.(9) has been mentioned in the text.
5. The author should state that the specification of computer used to run the CarSim and MATLAB/Simulink.
6. In the conclusion section, there should be a paragraph stating the overall conclusion.
7. There are only 20 references stated in this paper. The author should have done more literature reviews in his/her research area.
8.  $S_i$  and  $S_j$  do not be clearly defined (which one is left and which one is right). Please state the each variable and their meanings in a clear approach.