Review of: "Optimal Latency Compensator for Improved Performance of Teleoperated UGVs on Soft Terrains"

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Potential competing interests: No potential competing interests to declare.

My detailed comments are as follows:

1. The author can further introduce and explain the working principle and optimization process of the genetic algorithm in detail to increase the reader's understanding of the method.
2. The author can provide more details about the experimental setup and data collection so that the reader can better understand the repeatability and reliability of the experiment.
3. The authors may consider using more comparative strategies in the experimental evaluation to more fully evaluate the performance of the proposed predictor framework.
4. Regarding the description of E_2-0.4s in the legend of Figure 4, is there a potential wording issue? Please make necessary adjustments and proceed with reordering the legend as needed.
5. The error value of the force feedback mentioned in the text is nearly 10 times that of the velocity tracking error value, but it is not quite consistent with the results mentioned in Table 1. Please provide an explanation and clarification.
6. There are many language and formatting issues in the paper. For example, there is only one word below Figure 4, and the capitalization of the first letter of words in Table 1 needs to be consistent.
7. In Figure 8, the subgraphs (a), (b), and (c) correspond to the performance of each predictor under different delays. However, the selection of points varies within and between the subgraphs when analyzing the predictor’s performance. Please provide evidence to determine whether this method of selecting data points has an impact on the analysis of the results.
8. The end of the first paragraph of Case I on page 9 shows that the lateral force feedback in Fig. 18 is 6.558 N, while the lateral feedback force marked on Fig. 18 is 6.556 N. Please check the data of the paper in detail to ensure its reliability.