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

Mohamed Amine Ouamri[1]

1 Université Paris Nord (Paris XIII)

Potential competing interests: No potential competing interests to declare.

This paper investigates the impact of latency on the bilateral teleoperation of low-speed UGVs operating on soft terrains and proposes an optimal latency compensator to mitigate this impact for Lunar exploration. Specifically, They proposed a genetic algorithm-based predictor framework to optimize the regularization parameters of a model-free predictor.

the article is of good quality and deserves to be accepted after minor editing.

1- In the summary, it's best to highlight the reasons why you decided to do this work.
2- In the introduction, please try to indicate the limits of the articles cited. Add a table comparing your article with some articles in the literature.
3- Figure 1 is illegible and needs to be better explained.
4- Why choose GAs when they take too long to converge compared to other metaheuristic algorithms.
5-- What would be the convergance if you used PSO or GWO ?
6- Give more comparison in terms of simulation to validate your results.
7- I find the conclusion mediocre, given the quality of the article.