

Review of: "Simulation of Control System for a Half-Car Suspension System for Passenger Vehicle Application by Designing an LQR Controller"

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Potential competing interests: No potential competing interests to declare.

Providing appreciation for the author's effort to supply a new concept in controlling suspension system, there should be some major changes for a better utilization and comprehension.

Firstly, The literature review is concise and requires expansion in order to provide a comprehensive survey of the existing research on active suspension systems, emphasizing the importance of the proposed endeavor.

Secondly, there are so many articles regarding this paper that find better results and applicable ones. I for one propose the authors to provide a novelty both in modeling and results and study the effect of new controlling procedures such as Fuzzy ones.

Thirdly, the context itself is poor and deflates a reader from carrying on.

Finally, with all due respect, I hope to read a new study supplied by authors having a novelty for future industry applications.