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.

The paper presents a well identified state space model and LQR design for an active suspension system. Rigorous testing is done via simulations and the corresponding results comprehensively validate the efficacy of the LQR. Overall, the paper delivers interesting contributions. However, the formatting of the paper's organization and mathematical equations need major revisions.