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Parameter design of a multi-delayed isolator with asymmetrical nonlinearity

Xiuting Sun , Shu Zhang , Jian Xu

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highlights

- Proposing mechanical model of the isolation system with the consideration of different loads
- Analyzing the vibration isolation performances for both impact excitation and harmonic excitation
- Carrying out the criterions for parameter design of nonlinear isolator with two time delays based on multiple vibration performances
- Solving the contradictions in the improvement of isolation effectiveness on different frequency bands of nonlinear isolator with asymmetrical stiffness

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