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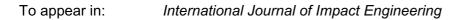
Nonlinearity of interfaces and force transmission of bolted flange joints under impact loading

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Highlights

- Impact loading can excite structural vibration and shock response of joints.
- The frequency of response was decreased from that of excitation.
- Higher frequencies of excitation were found to induce a larger damping rate.
- The joints resonated when the frequency of excitation was structural frequency.

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