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Exact solutions for forced vibration of completely free orthotropic rectangular nanoplates resting on viscoelastic foundation

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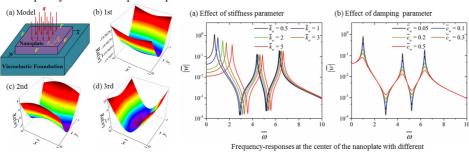
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ACCEPTED MANUSCRIPT

We proposed a new Hamiltonian-based method to find the exact solutions for forced vibration of a completely free orthotropic nanoplate on viscoelastic foundation.



Displacement responses at first three resonant frequencies.

Frequency-responses at the center of the nanoplate parameters of viscoelastic foundation.

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