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Exact solutions for the free in-plane vibrations of rectangular plates with arbitrary boundary conditions

Yuansheng Zhou, Qingshan Wang, Dongyan Shi, Qian Liang, Zhongyu Zhang

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#### ACCEPTED MANUSCRIPT

## Highlights

- New exact solution for in-plane vibration of rectangular plates is presented.
- The proposed method is appropriate for the plates with elastic restraints.
- New in-plane vibration results for the rectangular plates are presented.



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