

## Additional results on integrals of beam eigenfunctions

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### Abstract

New simplest expression beam mode integrals are presented, including further simplifications and corrections of previous results; this type of integrals appear in computational methods in structural dynamics and vibrations of diverse structures and machines, and in aircraft dynamics methods. © 2018, IMechE 2018.

### Author keywords

beam eigenfunction clamped-sliding Integrals numerical integration Rayleigh–Ritz

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