

# **Internal gravity waves excited by a body moving in a stratified fluid**

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A problem of steady linear internal gravity wave generated by a thin rapidly moving solid body is considered. A linearized boundary no-flow condition and Boussinesq approximation are used. The solution of this problem is expressed in terms of the Green's function of the internal waves equation. The asymptotic representations of the solution in the far zone and the near zone are considered and its range of applicability is estimated. Numerical results are presented.

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