

**Vibrations And Acoustic Radiation Of  
Thin Structures: Physical Basis,  
Theoretical Analysis And Numerical  
Methods**

**By Paul J. T. Filippi**



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A detailed numerical investigation of the coupling between the vibration of a flexible plate and the acoustic radiation is performed. The nonlinear Euler equations

<http://oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA260179>

Vibration and acoustic radiation of an orthotropic composite cylindrical shell in a hygroscopic environment. Xin Zhao; Bo Zhang; Yueming Li;

<http://intl-jvc.sagepub.com/content/early/2015/07/01/1077546315581943.abstract>

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Abstract A detailed numerical investigation of the coupling between the vibration of a flexible plate and the ensuing acoustic radiation is described.

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