



HAL
open science

Propagation of elastic waves in 1D periodic waveguides with symmetric stubs

Anne-Christine Hladky, C. Granger, Jerome O. Vasseur, M. de Billy

► **To cite this version:**

Anne-Christine Hladky, C. Granger, Jerome O. Vasseur, M. de Billy. Propagation of elastic waves in 1D periodic waveguides with symmetric stubs. *Acoustics 2012*, Apr 2012, Nantes, France. hal-00797274

HAL Id: hal-00797274

<https://hal.science/hal-00797274v1>

Submitted on 6 Mar 2013

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



ACOUSTICS 2012

Propagation of elastic waves in 1D periodic waveguides with symmetric stubs

A.-C. Hladky-Hennion^a, C. Granger^a, J. Vasseur^a and M. De Billy^b

^aIEMN département ISEN, UMR CNRS 8520, 41 boulevard Vauban, 59046 Lille Cedex, France

^bIJLRD, UMR CNRS 7190, Université Pierre et Marie Curie-Paris 6, 78210 Saint Cyr L'école, France

anne-christine.hladky@isen.fr