

Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

Propagation of mechanical waves through a stochastic medium with spherical symmetry CARLOS AVENDANO, Universidad Autonoma de la Ciudad de Mexico, ADRIAN REYES, Universidad Nacional Autonoma de Mexico — We analyze the propagation of mechanical waves through an anisotropic and inhomogeneous medium with spherical symmetry. We assume that both its elastic and density properties, are random functions of spatial coordinates with specific statistical properties, which allow us to represent media whose properties are not completely determined. We compute the expected value of this system.

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Date submitted: 05 Nov 2015

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