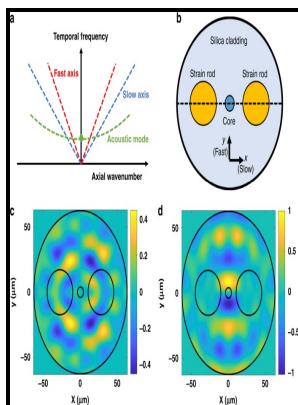


Brillouin scattering in liquids and dispersion of hypersonic waves.

- - - Brillouin scattering



Description: -

- Physics Theses

Liquids

Ultrasonic waves

Light -- Scattering Brillouin scattering in liquids and dispersion of hypersonic waves.

- Brillouin scattering in liquids and dispersion of hypersonic waves.

Notes: Thesis (M.Sc.), Dept. of Physics, University of Toronto

This edition was published in 1966



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Brillouin

The process of stimulated Brillouin scattering SBS was first observed by Chiao et al. Neutron Brillouin scattering and ab initio simulation study of the collective dynamics of liquid silver Eleonora Guarini, Alessio De Francesco, Ubaldo Bafile, Alessio Laloni, Beatriz G.

Stimulated Brillouin scattering

The two SAWs that we identified before exist for every diameter with a slight shift in frequency.

Brillouin light scattering from surface acoustic waves in a subwavelength

The accuracy of the elastic moduli determination can be in the order of 1%.

Brillouin scattering

Data for each system have been scaled to the carbon dioxide values because of the different sound velocities i. Full and empty symbols are used to help distinguishing the liquid metals from the nonconductive fluids. The sound energy density of the two SAWs at 5.

Light Scattering Studies of the Propagation of Longitudinal and Transverse Hypersonic Waves in Liquids

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