

Propagation of acoustic waves in liquid containing multilayer barrier

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Abstract

© Published under licence by IOP Publishing Ltd. The dynamics of acoustic waves in a liquid containing multilayer barrier is studied. Using the subroutine of the fast Fourier transform the calculation of the distortion of the acoustic signal at the diagnosis of a multilayer sample comprising a layer of a liquid with polydispersed bubbles is executed. A good agreement between theoretical and experimental data is obtained.

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