ROTATION-ISOMERIC ACOUSTIC RELAXATION IN CHAIN MOLECULAR LIQUIDS

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S u m m a r y

Rotation-isomeric acoustic relaxation in chain molecular liquids is analyzed on the basis of two- and many-level models. As an example, n-hexane is chosen. It is shown that, contrary to the two-level model, the many-level model adequately describes the frequency dependence of the sound absorption coefficient.