

Nazila B.RASSOULOVA

# TO THE THEORY OF WAVE PROPAGATION IN ANISOTROPIC STRUCTURES

## Abstract

*In the paper the general, three-dimensional equations of transversally-isotropic bodies and the characters of distribution of different waves in them, are investigated. Continuing the method investigated by the author for isotropic elastic bodies [2] it was succeeded to decompose equations relative to potentials. The solution of these equations for simple case was obtained.*