REGULARIZATION FOR INTEGRAL EQUATIONS OF THE FIRST KIND IN THE THEORY OF THERMOELASTIC PSEUDO-OSCILLATIONS

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Abstract

In this paper integral equations of the first kind arising in homogeneous isotropic linear pseudo-oscillations thermoelastic theory are regularized. As a byproduct several integral representations for the solutions of the four basic boundary value problems of pseudo-oscillations thermoelastic theory are obtained. These representations are different from the classical ones [11].