ISAAC Conference, 23-27 April, 2007, Tbilisi, Georgia Dedicated to the Centenary of I.Vekua

THE STATIC AND DYNAMICAL BOUNDARY-CONTACT VALUE PROBLEMS OF LINEAR THEORY OF ELASTIC MIXTURES

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The static and dynamical general boundary-contact value problems of the linear theory of elasticity for mixture of two isotropic elastic media are investigated by means the potential method, theory of singular integral equations and Laplace transformation. The uniqueness and existence theorems for the static and dynamical problems are proved.