

RECEPTION AND INVESTIGATION OF FLEXURAL AND
MEMBRANE
EQUATIONS OF PLATES CONSISTING OF BINARY MIXTURE

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Abstract

A version of linear theory for a body composed of two isotropic homogeneous is studied. Two-dimensional flexural and membrane equations are received. Existence and uniqueness of weak solution of the main mixed boundary value problem is proved. it is shown that the particular flexures of two components of the mixture are equal.

Key words and phrases: Binary mixture, plate, weak solution.

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