ON THE PLANE THEORY OF POROELASTICITY FOR THE BINARY MIXTURE WITH DOUBLE POROSITY

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We consider two-dimensional differential equations of the theory of binary mixtures in case of double porosity [1-4]. The general solution of this system is represented by five analytic functions of a complex variable and solution of the Helmholtz equation [5-7]. The general representation of the solution gives the opportunity to construct the analytical solutions of static boundary value problems.

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