

**About Constructing of analytical and approximate solution of the problem  
of mixture plane elastic theory**

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Analytical solutions of some problems of the theory of elastic mixture theory is constructed. On the basis of the obtained solutions, using the boundary element methods, for different approximate solutions is constructed linear algebraic equations system. At the same time consider the number of non-classical problem when the boundary of body is given the classical boundary conditions in addition satisfies certain conditions contained inside the body.