ON THE SOLUTION OF ONE NON-CLASSICAL PROBLEM OF STATICS OF THE THEORY OF ELASTIC MIXTURE IN A CIRCULAR DOMAIN

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In this paper for homogeneous equation of statics of the linear theory of elastic mixture in a circle one non-classical problem is solved, which for the case of a circular domain is analogous to non-classical problems for harmonic and biharmonic equations, considered by A. Bitsadze [1].

The solution is represented by absolutely and uniformly convergent series.

References

1. Bitsadze A. :. Some classes of partial differential equations. Moscow, 1981 (Russian).