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STABILITY OF NON-UIFORM GEOMETRICALLY NON-LINEAR CYLINDRICAL COVER SUBJECT TO ANISOTROPIC RESISTANCE

Abstract

In the paper it is assumed that the elasticity module and the Poisson coefficient are functions of the thickness coordinates. The resistance of anisotropic basis is also considered. The detailed analysis was carried out for axially symmetric form of stability loss. The results of numerical calculations is represented in the form of dependence graphs between characteristic values.