

# METHOD OF CALCULATING OF THE LOAD CHARACTERISTICS OF CYLINDRICAL SUPPORT WITH A DISCRETE LOCATION OF ELASTIC DAMPING ELEMENTS OF THE MR MATERIAL

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The paper shows the method of calculation of static load characteristics of cylindrical support with discrete distribution of elastic damping elements made of pressed wire MR material. The method is based on the experimentally determined nonlinear material properties, operating in the free volume in its compression and on the generalized curves obtained during compression in a confined space.

*Elastic damping, MR material, method of calculation, static load characteristics*

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