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ON THE QUESTION OF FATIGUE WEAR OF CIRCULAR DISK AT CYCLIC  
BENDING BY UNIFORM PRESSURE

**Abstract**

*On the base of damage accumulation conception the wear process of elastic-plastic, linear articulated support of circular disk at bending of cyclic symmetrically changeable uniform pressure is investigated. The components and the intensity of stress are determined at any number of loading. The number of loading preceding the appearance at the points of disk and the number of loadings before the destruction of disk material are found. The corresponding graphics are determined before the beginning of the given limit of wear.*