

## عنوان مقاله:

Analysis of Inner Surface Roughness Parameters of Load-carrying and Support Elements of Mechanical Systems

## محل انتشار:

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## خلاصه مقاله:

This paper is based on the concept of physical mesomechanics, which allows any plastic shear in the stressed body to be considered as a loss of shear stability of the material in local stress concentration zones. This approach, which is physically very well-grounded, allowed us to consider from one standpoint the processes of machining by cutting and wear of steels. Physical and mechanical regularities in the effect of certain processing operations on the shape and roughness of the hydraulic cylinder surface are found. The mechanisms of the spatial self-organization of the relief and surface of bearings under conditions of false brinelling are summarized and analyzed. The data obtained can be used for further scientific generalization or prediction and diagnostics of the surface condition of load-carrying and support elements of mechanical systems under study

## کلمات کلیدی:

,Bearing,Hydraulic Cylinder Liner,Roughness,Relief Parameters

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/685721>

