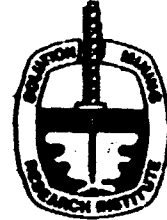


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MEETING
PAPER



Mechanical Properties of Rock - Salt and New Conception
of the Mathematical Description

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Abstract

The paper deals with the conception of the constitutive equation for rock-salt against the background of other minerals known in literature. The proposed formula is more general than the ones used so far, because it includes both visco and plastic properties of salt. The latter are described on the basis of the scheme of the medium with non-linear plastic hardening. The way of introduction of such a constitutive equation into the program of finite elements method with the use of the initial strains method was also presented.
