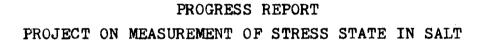
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MEETING

PAPER

BY

Shosei Serata

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INTRODUCTION

The newly developed Double Fracture Method of determining the stress state in brittle rock [1,2,3] is not applicable to soft-ductile ground because the borehole boundary in such ground yields before it fractures. Yet the ability to measure stress in soft-ductile ground is important because a large portion of underground construction work takes place at relatively shallow depths, where soft-ductile rock media dominate. For such media, no effective means of stress determination has previously been devised.

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