

SOLUTION MINING RESEARCH INSTITUTE

**812 MURIEL STREET
WOODSTOCK, ILLINOIS 60098
815-338-8579**

**MEETING
PAPER**



**PROGRESS REPORT
PROJECT ON MEASUREMENT OF STRESS STATE IN SALT**

BY

Shosei Serata

**Presented at:
The Spring SMRI Meeting, May 1, 1989
New Orleans, Louisiana**

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.

●2023 - Solution Mining Research Institute
Full Paper is Available in the SMRI
Library(www.solutionmining.org)