

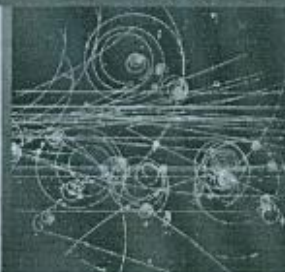
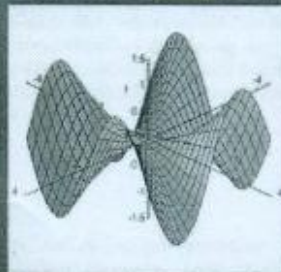
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ESMC 2015 - Session Details

Main Overview > Day Overview > General Session: Continuum Mechanics II

General Session: Continuum Mechanics II

Type: Oral Presentation
 Date: July 10, 2015
 Time: 10:00 - 10:30
 Room: 4.0.E.06
 10:00 1.66 ORAL

New Method for Analysis Elastoplastic Flows (#78)

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Abstract of Oral Presentation

"NEW METHOD FOR ANALYSIS ELASTOPLASTIC FLOWS" (#78)

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There are given the main hypotheses of plastic flow theory [1] and the principal solution procedures. The plastic flow theory is characterized by:

Additivity of elastic and plastic strain rates

$$\dot{\epsilon}_{ij} = \dot{\epsilon}_{ij}^e + \dot{\epsilon}_{ij}^p, \quad (1)$$