FEBRUARY, 1996

DR. A.V. SHROFF DR. D.L. SHAH STRESS-STRAIN CHARACTERISTICS OF GEOMATERIALS





INDIAN GEOTECHNICAL SOCIETY
BARODA CHAPTER

APPLIED MECHANICS DEPARTMENT M.S. UNIVERSITY OF BARODA VADODARA.

STRESS - STRAIN CHARACTERISTICS OF GEOMATERIALS

INDEX

Theme A: Prefailure and Post Failure Deformation Characteristics of Geometrials, Measurements and Applications.
1. Prefailure Deformation of Soil Factors Affecting Soil Stiffness M. R. Madhav [GA-1]
2. Stress - Strain Behaviour of gauge Materials at Low Strain Multistage U. N. Sinha [GA-8]
3. A State of Art on Prefailure Deformation Characteristics of Geometrials at Low Strain Level in Laboratory Compression Test Fumio Tatsuoka [GA-16]
Gampassion Plane Strain and
Theme B: Strength of Geomaterials in Compression, Plane Strain and Under Cyclic Loading
1. Prediction of Stress - Strain Response in Plane Strain V. K. Tokhi [GB-1]
2. Cyclic Consolidation Behaviour of Kaolinitic Clay A. V. Shroff and (Late) Piyush Parikh [GB-6]
3. Evaluation of Influence of Amplitude of Uniform Cyclic Modulus and Damping Ratio of Soil Under Strain Controlled Cyclic Triaxial Tests on Closed loop MTS System A. K. Shah [GB-14]
Theme C: Linear Elastic and nonlinear Fracture Mechanics Aspects of Rocks and Geological Sediments
1. Strength Prediction for Jointed Rocks in Confined and Unconfined T. Ramamurthy and V. K. Arora [GC-1]
2. Study of Plane Strain and Nonlinear Elastic Fracture Toughness of Rocks Using Senbend Specimen K. R. Biyani [GC.16]
Theme D: Stress - Strain Behaviour of Geocomposite Reinforced Soil Mass Geogrid Apperture Rigidity by in Plane Rotation M. Venkatraman M. Venkatraman M. Peinforced Soil Beds
2. Stress - Strain Behaviour of Geosynthetic Reinforced Soil Beds [GD-9] N. M. Patel Under Constant
N. M. Patel N. M. Patel N. M. Patel Relaxation of Geosynthetics Under Constant Relaxation of J. L. Shah Strain N. M. Patel Relaxation of Geosynthetics Under Constant [GD-15]