## **CONTENTS**

Papers	Page
SETTLEMENT OF A LINEARLY LOADED RECTANGULAR AREA by Jean-Pierre Giroud	813
STRESSES AGAINST UNDERGROUND STRUCTURAL CYLINDERS by Kaare Höeg	833
PERFORMANCE OF MUDDY RUN EMBANKMENT by Stanley D. Wilson and David Marano	859
DEFORMATION OF SAND AT FAILURE by Hon-Yim Ko and Ronald F. Scott	883
PORE PRESSURES, CONSOLIDATION, AND ELECTROKINETICS by Melvin I. Esrig	899
MECHANICAL PROPERTIES OF A SAND-ICE SYSTEM by Roy R. Goughnour and O. B. Andersland	923
SCREENING OF SURFACE WAVES IN SOILS by Richard D. Woods	951
AIR PERMEABILITY OF COMPACTED COHESIVE SOILS by Leonard J. Langfelder, C. F. Chen, and John A. Justice	981
SEISMIC RESPONSE OF HORIZONTAL SOIL LAYERS by I. M. Idriss and H. Bolton Seed	1003

This Journal is published bimonthly by the American Society of Civil Engineers. Publications office is at 2500 South State Street, Ann Arbor, Michigan 48104. Editorial and General Offices are at 345 East 47th Street, New York, N. Y. 10017. Subscription price is \$8.00 per year with discounts to members and libraries. Second-class postage paid at Ann Arbor, Michigan. EM, HY, SA, SM.

## DISCUSSION

## Proc. Paper 6016

STRENGTH CHARACTERISTICS OF DESICCATED CLAYS, by Geoffrey E. Blight (Nov., 1966).	
errata	1035
ROCKFILL STRUCTURES SUBJECT TO WATER FLOW, by Alan K. Parkin, David H. Trollope, and John D. Lawson (Nov., 1966. Prior Discussion: May, Sept., 1967).  closure	1035
BUCKLING OF SOIL-SURROUNDED TUBES, by Ulrich Luscher (Nov., 1966. Prior Discussion: Mar., May, Sept., 1967).  closure	1037
SHEAR STRENGTH PROPERTIES OF TWO STRATIFIED CLAYS, by Kwan Yee Lo and Victor Milligan (Jan., 1967. Prior Discussion: May, Sept., Nov., 1967).	1038
SUBGRADE STRESS AND DEFORMATION UNDER DYNAMIC	
LOAD, by Stephen F. Brown and Peter S. Pell (Jan., 1967.	
Prior Discussion: Nov., 1967). closure	1039
CONSTRUCTION PORE PRESSURES IN THREE EARTH DAMS,	
by Chung Yuan Li (Mar., 1967. Prior Discussion: Nov., 1967). closure	1040
LARGE-SCALE TESTING OF ROCKFILL MATERIALS, by Raul J. Marsal (Mar., 1967. Prior Discussion: Nov., 1967, Jan., 1968).	
closure	1042
ELECTROKINETIC STABILIZATION OF AN ILLITIC CLAY, by Melvin I. Esrig and John P. Gemeinhardt (May, 1967. Prior Discussion: Nov., 1967, Jan., 1968).	
closure	1047
POST-CONSTRUCTION BEHAVIOR OF ROUND BUTTE DAM, by James G. Patrick (July, 1967. Prior Discussion: Jan., 1968).  closure	1050
PERFORMANCE OF EL INFIERNILLO DAM. 1963-1966,	
by Raul J. Marsal and Luis Ramirez de Arellano July, 1967). errata	1050
EARTH MOVEMENT AT BALDWIN HILLS RESERVOIR, by Robert B. Jansen, Gordon W. Dukleth, Bernard B. Gordon,	
Laurence B. James, and Clyde E. Shields (July, 1967).	1051