

CONTENTS

Paper	Page
SUBSURFACE INVESTIGATION FOR DESIGN AND CONSTRUCTION OF FOUNDATIONS OF BUILDINGS: APPENDICES A AND B by the Task Committee for Foundation Design Manual of the Committee on Shallow Foundations of the Soil Mechanics and Foundations Division	771
SOIL CONDITIONS AND BUILDING DAMAGE IN 1967 CARACAS EARTHQUAKE by H. Bolton Seed, Robert V. Whitman, Houshang Dezfulian, Ricardo Dobry, and Izzat M. Idriss	787
UNDRAINED CYCLIC SHEAR OF SATURATED SAND by Vincent P. Drnevich	807

DISCUSSION

Proc. Paper 9078

MODEL STUDY OF LATERALLY LOADED PILES, by Melvin T. Davisson and James R. Salley (Sept., 1970. Prior Discussions: Apr., May, June, 1971). closure	829
--	-----

(over)

This Journal is published monthly by the American Society of Civil Engineers. Publications office is at 345 East 47th Street, New York, N.Y. 10017. Address all ASCE correspondence to the Editorial and General Offices at 345 East 47th Street, New York, N.Y. 10017. Allow six weeks for change of address to become effective. Subscription price is \$16.00 per year with discounts to members and libraries. Second-class postage paid at New York, N.Y. and at additional mailing offices. SM.

The Society is not responsible for any statement made or opinion expressed in its publications.

	Page
CONSOLIDATION AT CONSTANT RATE OF STRAIN, ^a by Anwar E. Z. Wissa, John T. Christian, Edward H. Davis, and Sigurd Heiburg (Oct., 1971. Prior Discussions: May, 1972). by William F. Brumund and Gordon W. Callender, Jr.	830
FINITE ELEMENT ANALYSES OF RETAINING WALL BEHAVIOR, ^a by G. Wayne Clough and James M. Duncan (Dec., 1971). by L. Cañizo and C. Sagaseta	831
STRESS FIELD UNDER SLIPPING RIGID WHEEL, ^a by Mohammed K. Elsamny and Ahmed A. Ghobarah (Jan., 1972). by John Hovland	832

TECHNICAL NOTES

Proc. Paper 9085

IMPEDANCE EFFECTS ON UNSATURATED FLOW IN A NON-SWELLING SOIL by Hong-Yau Wong and Raymond N. Yong	837
DIFFICULTIES IN PREDICTION OF HORIZONTAL DEFORMATIONS OF FOUNDATIONS by Harry G. Poulos	843
MEMBRANE FOR ROCKFILL TRIAXIAL TESTING by Clarence K. Chan	849
PERFORMANCE OF NONHOMOGENEOUS CLAY CORE by Rémy L. A. de Jong	855

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3 x 5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August, 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.

^a Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.