## **CONTENTS**

Base Pressure of Oscillating Circular Cylinders by P. K. Stansby	591
A Numerical Solution of Viscoelastic Half Planes by Gautam Dasgupta	601
Modal Control of Multistory Structures by Charlesworth R. Martin and Tsu T. Soong	613
Double-Curved Element for Mooney-Rivlin Membranes by John W. Leonard and Vijay K. Verma	625
Analysis of Torispherical Pressure Vessels by Ganapathy V. Ranjan and Charles R. Steele	643
Photoelastic Model of Bridge Cross-Frame Junction by Alex S. Redner and Leonard Pompa	659
Influence of Canyon on Soil-Structure Interaction by Hung L. Wong, Mihailo D. Trifunac, and Kevin K. Lo	671
Binary Flutter of Suspension Bridge Deck Sections by Yasuharu Nakamura and Takeshi Yoshimura	685
Endochronic Theory of Inelasticity and Failure of Concrete by Zdeněk P. Bažant and Parameshwara D. Bhat	701

This Journal is published bimonthly 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 to members is \$7.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. EE, EM.

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

## TECHNICAL NOTES

Proc. Paper 12286

Some Characteristics of Mechanical Wedge System  by Alexander Samson	725
Buckling of Cantilever Bars on Elastic Foundations  by James T. S. Wang	731
Truncation Error Control in Generalized Finite Element Method by Martin J. Wyatt, Gwynne Davies, and Cyril Snell	736
DISCUSSION	
Proc. Paper 12278	
Yaw Effects on Galloping Instability, by Rudolph Skarecky (Dec., 1975).	
by Milos Novak	745
Dynamic Stiffness of Circular Foundations, by Eduardo Kausel and Jose Roesset (Dec., 1975).	
by Gordon R. Johnson and Howard I. Epstein	746

## 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  $3\times 5$  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.

<sup>&</sup>lt;sup>a</sup>Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.