CONTENTS

by Subhash C. Anand and Alvin R. Griffith
Cantilever Cylindrical Shells Under Assumed Wind Pressures by S. Gopalacharyulu and D. J. Johns
Mechanical Interpretations for Invariant Imbedding by Paul Nelson, Jr
Earthquake Hydrodynamic Forces on Arch Dams by Parambakatoor R. Permumalswami and Lakshmidhar Kar
Open-Channel Flow Equations Revisited by Ben Chie Yen
Lower Bounds to Column Buckling Loads by Howard L. Schreyer and Pen-Yuan Shih
Convergence of Semianalytical Solution of Plates by Gamil S. Tadros and Amin Ghali
Analysis and Stability of Floating Roofs by Gregory C. Mitchell
Numerical Analysis of Thick Shells of Revolution by Frank G. Bercha and Peter G. Glockner

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 \$5.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. EE, FM

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

Logarithmic Profiles and Design Wind Speeds by Emil Simiu
DISCUSSION
Proc. Paper 10036
Elastic-Plastic Analysis of Cylindrical Shells, by Nabil A. Shoeb and William C. Schnobrich (Feb., 1972. Prior Discussion: Dec., 1972). closure
Experimentas on Unstable Vortices, by Enzo Levi (June, 1972. Prior Discussions: Feb., Aug., 1973). closure
Buckling of Shells: An Old Idea with a New Twist, by John Roorda (June, 1972. Prior Discussion: Apr., 1973). closure
Stresses in Circular Plates on Elastic Foundations, by Richard Bolton (June, 1972. Prior Discussion: Apr., 1973). closure
Variational Formulation of Dynamics of Fluid-Saturated Porous Elastic Solids, by Jamshid Ghaboussi and Edward L. Wilson (Aug., 1972). by Ismael Herrera and Jacobo Bielak
End Effects in Truncated Semi-Infinite Wedge, by Robert Wm. Little and Tommie R. Thompson (Oct., 1972. Prior Discussions: Apr., 1973).
closure
Beams Subjected To Follower Force Within The Span, by Jack C. Wiley and Richard E. Furkert (Dec., 1972). by Karl K. Stevens
Turbulence Effect On Wall Pressure Fluctuations, by Willy Z. Sadeh and Jack E. Cermak (Dec., 1972). errata
Statics of Random Beams, by Devendra K. Shukla and Robert M. Stark (Dec., 1972).
errata

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

Garrison and Ronald B. Berklite (Feb., 1973.) by Bruce W. Hunt
Inelastic Lateral Buckling of Restrained Beams, by Hiroshi Yoshida and Yoshihiro Imoto (Apr., 1973). by James W. Chai
TECHNICAL NOTES
Proc. Paper 10041

Optimal Design for Bending and Shear by George I. N. Rozvany
Pressure-Stabilized Drop-Shaped Tanks by John W. Leonard
Deformation in Multiple Tier Cylindrical Shells by James H. Williams, Jr.

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 3×5 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.

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