

CONTENTS

Optimal Design for Prescribed Buckling Loads <i>by Kalayya Narayana Murthy and Paul Christiano</i>	2175
Structural Behavior of Thick Cold-Formed Steel Members <i>by Wei-Wen Yu, Victor A. S. Liu, and William M. McKinney</i>	2191
Buckling of Composite Beams in Negative Bending <i>by Sumio Hamada and Jack Longworth</i>	2205
Lateral Stability of Plane Open-Web Structures <i>by P. C. Varghese and C. Ganapathy Chettiar</i>	2223
Inelastic Spatial Stability of Restrained Beam-Columns <i>by Sriramulu Vinnakota and Pentti Äystö</i>	2235
Collapse of Curved Reinforced Concrete Beams <i>by Ian J. Jordaan, Magdi M. A. Khalifa, and Arthur E. McMullen</i>	2255
Stability of Asymmetric Structures—Research Needs <i>by Peter F. Adams</i>	2271
Optimization of Long-Span Cold-Formed Truss Purlins <i>by Richard T. Douty and James O. Crooker</i>	2275
Buckling Stress States of Cylindrical Shells <i>by Ihsan Mungan</i>	2289
Displacements and Losses in Multistage Prestressed Members <i>by Amin Ghali, Romy G. Sisodiya, and Gamil S. Tadros</i>	2307

→

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 to members is \$10.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. ST.

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

Transient Wind Loads on Circular Concave Cable Roofs <i>by Paul Christiano, Gerald R. Seeley, and Heinz Stefan</i>	2323
--	------

DISCUSSION

Proc. Paper 10899

Performance of Wood Construction in Disaster Area,^a by Joseph A. Liska and Billy Bohannon (Dec., 1973). <i>by Norman B. Jones</i>	2345
--	------

Linear Stability Analysis of Beam-Columns,^a by Negussie Tebedge and Lambert Tall (Dec., 1973. Prior Discussion: Aug., 1974). <i>by Sundaramoorthy Rajasekaran</i>	2345
--	------

Stress Distribution around Shallow Buried Rigid Pipes,^a by Subhash C. Anand (Jan., 1974. Prior Discussion: Oct., 1974). <i>by Alan J. Esser, Robert L. Sogge, and Ralph M. Richard</i>	2349
---	------

Shallow Spherical Shells under Apex Loads,^a by Isadore K. Silverman and John R. Mays (Jan., 1974). <i>by Kenneth P. Buchert</i>	2352
--	------

TECHNICAL NOTES

Proc. Paper 10904

Inverse Problem of Structural Optimization <i>by Jasbir S. Arora</i>	2355
--	------

Probability Distribution of Maximum Sustained Load <i>by David T. Bickley</i>	2361
---	------

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