

CONTENTS

Inelastic Strength of Cold-Formed Steel Beams <i>by H. Peter Reck, Teoman Peköz, and George Winter</i>	2193
Curvilinearly Corrugated Plates in Shear <i>by Lung-Hsiang Wu and Charles Libove</i>	2205
Simplified Analysis of Framed-Tube Structures <i>by Alexander Coull and Bishwanath Bose</i>	2223
Field Problems of Latticed Structures <i>by Lev Zetlin, Joseph F. Thelen, and Daniel A. Cuoco</i>	2241
Some Esthetic Considerations in Steel Design <i>by Thomas C. Kavanagh</i>	2257
Natural Vibrations of Suspension Cables <i>by Harry H. West, Louis F. Geschwindner, Joseph E. Suhoski</i>	2277
Physical Properties of Premixed Polymer Concrete <i>by Tse-Yung P. Chang and Howard L. Stephens</i>	2293
Post-Crushing Behavior of Unbound Concrete Beams <i>by Mohammad Iqbal and David S. Hatcher</i>	2303
Shear Behavior of Steel Frame Joints <i>by Helmut Krawinkler, Vitelmo V. Bertero, and Egor P. Popov</i>	2317
Behavior of Cold-Rolled Stainless Steel Members <i>by Shien T. Wang, Samuel J. Errera, and George Winter</i>	2337

→

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 \$12.00. 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.

Coupled Shear Wall Analysis by Lagrange Multipliers by <i>Riadh S. Al-Mahaidi and Arthur H. Nilson</i>	2359
Analysis of Interconnected Open Section Shear Wall Structures by <i>Bungale S. Taranath</i>	2367
Design for Differential Movement in Brick Walls by <i>Clayford T. Grimm</i>	2385
Analysis of Multilayer Plates on Elastic Pillars by <i>Ashok K. Chugh, Hans Gesund, and Fred D. Wright</i>	2405
Bibliography on Wood and Plywood Diaphragms by <i>J. M. Carney</i>	2423

DISCUSSION

Proc. Paper 11675

Design of Steel Transmission Pole Structures,^a by the Task Committee on Steel Transmission Poles of the Committee on Analysis and Design of Structures of the Structural Division (Dec., 1974. Prior Discussion: Oct., 1975). by <i>Frederick B. Dewey and Leon Kempner, Jr.</i>	2439
Steel Box-Girder Bridges—Ultimate Strength Considerations,^a by the Subcommittee on Ultimate Strength of Box Girders of the ASCE-AASHTO Task Committee on Flexural Members of the Committee on Metals of the Structural Division (Dec., 1974. Prior Discussion: Aug., 1975). by <i>Sanivarapu V. Narasimham</i>	2441
Earthquake Design of Buildings: Damping,^a by Gary C. Hart and Ramaswami Vasudevan (Jan., 1975). by <i>Tarek S. Aziz</i>	2444
Dynamic Tornadic Wind Loads on Tall Buildings,^a by Yi-Kwei Wen (Jan., 1975). by <i>Julian C. R. Hunt</i>	2446
Coefficients to Analyze Rectangular Slab Bridges,^a by Imam Hossain (Jan., 1975). by <i>Anthony R. Cusens</i>	2449

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

Brick Masonry Shells,^a by Clayford T. Grimm (Jan., 1975). by <i>Koksal Anadol and Ersin Arioglu</i>	2451
Concrete L-Beams Subject to Combined Torsional Loads,^a by D. Wayne Kirk and David G. McIntosh (Jan., 1975). by <i>Himat T. Solanki</i>	2455
Nonlinear Analysis of RC Shells of General Form,^a by Cheng-Shung Lin and Alexander C. Scordelis (Mar., 1975). by <i>Yoav Sarne</i>	2457
Torsional Analysis of Perforated Core Structure,^a by Avigdor V. Rutenberg and Wai K. Tso (Mar., 1975). by <i>Himat T. Solanki</i>	2458
Hybrid Techniques for Inelastic Dynamic Problems,^a by Chang-Kuei Sun (Apr., 1975). by <i>Alain H. Peyrot</i>	2459
Special Problems Related to Linear Equation Solvers,^a by Christian Meyer (Apr., 1975). by <i>Clifford O. Hays, Jr.</i>	2461
Effects of Elevated Temperature on Structural Members, by Tasnim Udden and Charles G. Culver (July, 1975). <i>errata</i>	2463

TECHNICAL NOTES

Proc. Paper 11686

Restrained Warping Stresses in Thin-Walled Open Sections by <i>Pin Yu Chang, Chirasak Thasanatorn, and Walter D. Pilkey</i>	2467
Fictitious Strains Due to Rigid Body Rotation by <i>Dharapuram S. Jagannathan, Howard I. Epstein,</i> <i>and Paul Christiano</i>	2472
Design of Steel Plate and Box-Girder Bridges by <i>Charles E. Massonnet and René J. Maquoi</i>	2477
Truncation Errors in First-Order Reliability by <i>Paul H. Wirsching</i>	2482

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