

CONTENTS

Shear-Bond Analysis of Steel-Deck-Reinforced Slabs <i>by Max L. Porter, Carl E. Ekberg, Jr., Lowell F. Greimann, and Hotten A. Elleby</i>	2255
Live-Load Survey Results for Office Buildings <i>by Charles G. Culver</i>	2269
Service Load and Fatigue Tests on Truss Bridges <i>by Hotten A. Elleby, Wallace W. Sanders, Jr., F. Wayne Klaiber, and M. Douglas Reeves</i>	2285
California's Seismic Design Criteria for Bridges <i>by James H. Gates</i>	2301
Shear Strength of Two-Way Bridge Slabs <i>by Barrington deV. Batchelor and Ian R. Tissington</i>	2315
Predicted Wind-Induced Response in Hurricane Zones <i>by Bjarni V. Tryggvason, David Surry, and Alan G. Davenport</i>	2333

TECHNICAL NOTES

Proc. Paper 12593

Simplified Analysis of Wall-Frame Building Structures <i>by Carlos A. Prato</i>	2353
---	------

→

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.

Optimum Steel Distribution in Corner Slabs
by Ganpat S. Pandit and Subodh C. Sharma 2360

Torsion of Frame-Tube Structures
by Alexander Coull and Bishwanath Bose 2366

DISCUSSION

Proc. Paper 12588

Prestressed Box Beams under Combined Loading, by David W. Johnston and Paul Zia (July, 1975. Prior Discussion: May, 1976).
closure 2373

Earthquake Resistant Design of Intake-Outlet Towers, by Anil K. Chopra and C-Y. Liaw (July, 1975. Prior Discussion: June, 1976).
closure 2373

Buckling Formulas for Corrugated Metal Shear Diaphragms, by John T. Easley (July, 1975. Prior Discussions: Jan., Mar., May, 1976).
closure 2374

Light-Gage Steel Bolted Connections without Washers,^a by Ken P. Chong and Robert B. Matlock (July, 1975).
by Robert W. Haussler and Richard F. Pabers 2375

Effects of Elevated Temperature on Structural Members, by Tasnim Uddin and Charles G. Culver (July, 1975. Prior Discussions: Mar., June, 1976).
closure 2376

Estimating Damping of Real Structures, by Jon D. Raggett (Sept., 1975. Prior Discussion: May, 1976).
closure 2378

Minimum Cost Selection of One-Way Slab Thickness,^a by Russell H. Brown (Dec., 1975. Prior Discussion: July, Sept., Oct., 1976).
by Krishnaiyengar Rajagopalan 2378
by B. V. Subrahmanyam 2381

Matrix Analysis of Structure-Foundation Interaction,^a by Fukashi Miyahara and John G. Ergatoudis (Jan., 1976).
by Bernardo Deschappelles 2382

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

Analysis of Reinforced Fibrous Concrete Beams,^a by Charles H. Henager and Terrence J. Doherty (Jan., 1976. Prior Discussion: Sept., 1976). by <i>M. Lakshmipathy, A. R. Santhakumar, and M. Arockiasamy</i>	2385
Inelastic Sway Buckling of Multistory Frames,^a by Francois Cheong-Siat-Moy (Jan., 1976). by <i>Oscar de Buen</i>	2386
Ductile Behavior of Coupled Shear Walls,^a by Thomas Paulay and Arumbalkam R. Santhakumar (Jan., 1976). by <i>K. S. Ponnusamy</i>	2388
Yield-Line Design of Slabs,^a by Sidney H. Simmonds and Amin Ghali (Jan., 1976. Prior Discussion: Sept., 1976). by <i>Himat T. Solanki and Jyotish A. Shah</i>	2389
Stress Cycles for Fatigue Design of Railroad Bridges,^a by Roman Wolchuk and Ronald M. Mayrbaurl (Jan., 1976. Prior Discussion: Oct., 1976). by <i>Dan S. Bechly</i> by <i>Julian E. Spindel</i> by <i>Pedro Albrecht</i>	2392 2393 2394
Method of Developing Optimum Tolerances, by Emilio Rosenblueth and Alejandro Asfura (Feb., 1976). <i>errata</i>	2396
Optimization of Unstiffened Hybrid Beams,^a by Ken P. Chong (Feb., 1976). by <i>Narayanan Subramanian</i>	2397
Further Aspects of Design by P-Delta Method,^a by Brian R. Wood, Denis Beaulieu, and Peter F. Adams (Mar., 1976). by <i>William E. Edwards</i>	2398
Design of I-Shaped Beams with Diaphragm Bracing,^a by Samuel J. Errera and Tamirisa V. S. R. Apparao (Apr., 1976). by <i>Paul P. Fazio, Kinh H. Ha, and S. Chockalingam</i>	2400
Response to Stochastic Wind of N-Degree Tall Buildings,^a by William E. Saul, P. Jayachandran, and Alain H. Peyrot (May, 1976). by <i>Michael O'Rourke</i>	2401

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