CONTENTS

by Ahmad A. Hamid, Robert G. Drysdale, and Arthur C. Heidebrecht
Inelastic Section Response by Tangent Stiffness by Clifford O. Hays, Jr. and T. K. Santhanam
Tensile Strength of Concrete Masonry by Robert G. Drysdale, Ahmad A. Hamid, and Arthur C. Heidebrecht
Differential Movement in Composite Load-Bearing Masonry Walls by Clayford T. Grimm and David W. Fowler
Seismic Support: Speedy Determination of Frequency by Anil K. Kar
Cable Spring Constants for Guyed Tower Analysis by Richard A. Skop
Indirectly Loaded Reinforced Concrete Beams by Sami M. Fereig and Kenneth N. Smith
Fatigue Behavior and Design of Ferrocement Beams by Perumalsamy N. Balaguru, Antoine E. Naaman, and Surendra P. Shah
Laterally Loaded Timber Columns by Hans J. Larsen and Esko Theilgaard
134/

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

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 \$15.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. ST.

Simplified Design of Corrugated Shear Diaphragms by Kinh H. Ha, Noor El-Hakim, and Paul P. Fazio
Cross-Bracing Design by John T. DeWolf and Joseph F. Pelliccione
Structural Details and Bridge Performance by William G. Byers
Press-Lam Timbers for Exposed Structures by John A. Youngquist, David S. Gromala, Ronald W. Jokerst, Russell C. Moody, and John L. Tschernitz
Thermal Effects on Load Capacity of Concrete Slabs by Nestor R. Iwankiw
Fatigue Experiments on Composite Slab Floors by Murray C. Temple and George Abdel-Sayed
Vibration Properties of Curved Thin-Walled Beams by Avigdor Rutenberg
Tests on Microconcrete Continuous Folded Plates by Kaveti Seetharamulu and Sachchidanand N. Sinha
Prestressed Concrete Members in Direct Tension by Robert J. Wheen
Wood Beams under Impact Load by Borislav D. Zakić
Assemblage Method for Folded-Plate Analysis by Fouad H. Victor and Fernand Ellyin
Thermal Stress Analysis of Continuous Skew Bridge by Fazlur Rahman and Kalankamary P. George
Brace Forces in Interbraced Column Structures by Ian C. Medland and Cecil M. Segedin
TECHNICAL NOTES
Proc. Paper 14664
Minimum-Weight Design of Nonuniform Beams by Erling A. Smith

DISCUSSION

Proc. Paper 14663

Towards a Rational Theory for RC Members in Shear, by Michael	
P. Collins (Apr., 1978. Prior Discussion: Mar., 1979)	
by Vicente Solana and Salvador Meca	156

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.