

CONTENTS

Theory for Concrete Beams in Torsion and Bending <i>by Kevin D. Below, B. Vijaya Rangan, and A. Stanley Hall</i>	1645
Elastic Behavior of Tapered Monosymmetric I-Beams <i>by Sritawat Kitipornchai and Nicholas S. Trahair</i>	1661
Durability of Concrete in Seawater <i>by Povindar K. Mehta and Harvey H. Haynes</i>	1679
Approximate Reanalysis Techniques with Substructuring <i>by Ahmed K. Noor and Harold E. Lowder</i>	1687

DISCUSSION

Proc. Paper 11471

Incremental Finite Element Matrices , by Sundaramoorthy Rajasekaran and David W. Murray (Dec., 1973. Prior Discussions: Sept., Dec., 1974). <i>closure</i>	1701
Dynamic Properties of Tall Shear-Wall Buildings , by George T. Taoka, Augustine S. Furumoto, and Arthur N. L. Chiu (Feb., 1974. Prior Discussion: Jan., 1975). <i>closure</i>	1702

→

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.

Warping and Distortion at I-Section Joints , by Porpan Vacharajittiphan and Nicholas S. Trahair (Mar., 1974. Prior Discussion: Jan., 1975). <i>closure</i>	1703
Design Criteria for H-Columns under Biaxial Loading , by Negussie Tebedge and Wai-Fah Chen (Mar., 1974. Prior Discussion: Jan., 1975). <i>closure</i>	1705
Weight Optimization of Plane Trusses , by Samuel L. Lipson and Krishna M. Agrawal (May, 1974. Prior Discussion: Feb., 1975). <i>closure</i>	1709
Skew and Elevated Support Effects on Curved Bridges , by Donald W. Funkhouser and Conrad P. Heins (July, 1974. Prior Discussions: Feb., 1975). <i>closure</i>	1710
Behavior of Prestressed Cable Truss Structures , ^a by Dwight E. Urelus and David W. Fowler (Aug., 1974). <i>by Edwin P. Foster and L. Bogue Sandberg</i>	1710
Torsion-Bending-Shear Interaction for Concrete Beams , ^a by Lennart Elfgren, Inge Karlsson, and Anders Losberg (Aug., 1974. Prior Discussions: Mar., July, 1975). <i>by Mahmoud A. Helmy</i>	1712
Illustration of Reliability-Based Design , ^a by Mayasandra K. Ravindra, Neils C. Lind, and Wilfred Siu (Sept., 1974). <i>by Reidar Bjorhovde</i>	1714
Concrete Encased Steel Columns—Design Tables , ^a by Richard W. Furlong (Sept., 1974). <i>by Russell Q. Bridge and Kuldeep S. Viridi</i>	1716
Local and Overall Buckling of Cold-Formed Members , ^a by John T. DeWolf, Teoman Pekoz, and George Winter (Oct., 1974). <i>by David Allen</i>	1719
Ferrocement—Material Behavior in Flexure , ^a by Colin D. Johnston and Dallas N. Mowat (Oct., 1974). <i>by Krishnaiyengar Rajagopalan</i>	1721

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

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).
by Max A. M. Herzog 1723

Buckling of A Single-Crossarm Stayed Column,^a by Raymond J. Smith, George T. McCaffrey, and John S. Ellis (Jan., 1975).
by Murray C. Temple 1724

Wall-Beam Frames under Static Lateral Load,^a by Allen L. Mee, Ian J. Jordaan, and Michael A. Ward
by Avigdor V. Rutenberg 1727

TECHNICAL NOTES

Proc. Paper 11475

Freestanding Stairs with Slabless Tread-Risers
by Himat T. Solanki 1733

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.