

CONTENTS

Papers	Page
INELASTIC BUCKLING OF UNBRACED SPACE FRAMES by William W. McVinnie and Edwin H. Gaylord	1863
OPTIMAL STRUCTURE DESIGN BY DYNAMIC PROGRAMMING by Andrew C. Palmer	1887
INELASTIC EARTHQUAKE RESPONSE OF TALL STEEL FRAMES by Subhash C. Goel and Glen V. Berg	1907
PLASTIC DESIGN OF FLEXIBLE CONDUITS by James M. Doyle and Shih-Lung Chu	1935
BENDING BEHAVIOR OF COMPOSITE HYBRID BEAMS by Charles G. Schilling	1945
SHEAR BUCKLING OF UNSTIFFENED HYBRID BEAMS by Phillip S. Carskaddan	1965

DISCUSSION

Proc. Paper 6050

ANALYSIS OF A SHEAR WALL SUPPORTED BY A BEAM, by Anthony T. Hinkley (Feb., 1966. Prior Discussion: Aug., Oct., 1966). closure	1993
--	------

(over)

This Journal is published monthly by the American Society of Civil Engineers. Publications office is at 2500 South State Street, Ann Arbor, Michigan 48104. Editorial and General Offices are at 345 East 47th Street, New York, N. Y. 10017. Subscription price is \$16.00 per year with discounts to members and libraries. Second-class postage paid at Ann Arbor, Michigan. ST.

	Page
LIMIT DESIGN BY SUCCESSIVE MOMENT DISTRIBUTION, by Carl Berwanger (Feb., 1966. Prior Discussion: Aug., Oct., 1966, Feb., 1967).	
closure	1993
PONDING OF RAINWATER ON FLEXIBLE ROOF SYSTEMS, by Donald A. Sawyer (Feb., 1967, Prior Discussion: Aug., Oct., Dec., 1967).	
closure	1996
INELASTIC BEAMS UNDER MOMENT GRADIENT, by Maxwell G. Lay and Theodore V. Galambos (Feb., 1967. Prior Discussion: Oct., Dec., 1967).	
closure	1999
COMPLEMENTARY ENERGY CONCEPT FOR LARGE DEFORMATIONS, by Cenap Oran (Feb., 1967. Prior Discussion: Dec., 1967).	
closure	2001
GENERAL THEORY OF CYCLICALLY SYMMETRIC FRAMES, by M. J. L. Hussey (Apr., 1967. Prior Discussion: Jan., 1968).	
closure	2003
INELASTIC BUCKLING AND SIDESWAY OF CONCRETE FRAMES, by Wen F. Chang (Apr., 1967. Prior Discussion: Jan., 1968).	
closure	2004
NEW METHOD FOR EXACT ANALYSIS OF FOLDED PLATES, by Paul E. Mast (Apr., 1967. Prior Discussion: Dec., 1967).	
closure	2005
GUST LOADING FACTORS, by Alan G. Davenport, (June, 1967. Prior Discussion: Jan., 1968).	
closure	2006
COLLAPSE AND SHAKEDOWN LOADS OF PLANE FRAMES, by J. Michael Davies (June, 1967. Prior Discussion: Jan., 1968).	
closure	2006
REINFORCED CONCRETE BEAMS SUBJECTED TO REPEATED LOADS ^a , by Charles A. Miller and Sidney A. Guralnick (Oct., 1967. Prior Discussion: June, 1968).	
by Hakam Bayazid and Adrian Pauw	2007
STRENGTH OF STEEL-ENCASED CONCRETE BEAM COLUMNS ^a , by Richard W. Furlong (Oct., 1967. Prior Discussion: Mar., 1968).	
by Prabir K. Neogi	2011

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

	Page
FOLDED PLATES CONTINUOUS OVER FLEXIBLE SUPPORTS ^a , by Mustafa Pultar, David P. Billington, and Jorge D. Riera (Oct., 1967. Prior Discussion: June, 1968). by Kenneth P. Osborne	2013
INELASTIC TORSIONAL BUCKLING OF H-COLUMNS ^a , by George C. Lee, Dah Sheng Fine, and William R. Hastreiter (Oct., 1967. Prior Discussion: Mar., June, 1968). by Ishwar C. Jhamb, William H. Jones, Malcolm K. Wilkinson, and Jacobus H. Wynhoven	2014
COMPUTER SYSTEM FOR ANALYSIS OF LARGE FRAMEWORKS ^a , by David F. Brooks and Derick M. Brotton (Dec., 1967. Prior Discussion: June, July, 1968). by William Weaver, Jr., by William P. Dawkins	2016 2017
MULTIBEAM BRIDGES WITH ELEMENTS OF CHANNEL SECTION ^a , by Norbey Khachaturian, Arthur R. Robinson, and Richard P. Pool (Dec., 1967). by Anthony R. Cusens and Ricardo P. Pama	2019
SHEAR-VOLUME METHOD OF SOLVING TENSIONS IN CABLES ^a , by Ramon C. Morales (Jan., 1968). by Frederic T. Mavis	2021
ANALYSIS BY GROUP ITERATION USING SUBSTRUCTURES ^a , by Moshe F. Rubinstein and Duane E. Wikholm (Feb., 1968). by Walter A. von Rieseemann	2022
DYNAMIC CHARACTERISTICS OF MULTISTORY BUILDINGS ^a , by John A. Blume (Feb. 1968). by Franklin Y. Cheng	2023

TECHNICAL NOTES

Proc. Paper 6073

LOWER BOUND FOR TORSIONAL LATERAL BUCKLING by Anthony R. Kjar	2027
--	------

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