
Journal of the
ENGINEERING MECHANICS DIVISION
Proceedings of the American Society of Civil Engineers

ENGINEERING MECHANICS DIVISION
EXECUTIVE COMMITTEE

Dan H. Pletta, Chairman; Egor P. Popov, Vice Chairman; Bruce G. Johnston
Merit P. White; Edward Wenk, Jr., Secretary

COMMITTEE ON PUBLICATIONS

Egor P. Popov, Chairman; Hans H. Bleich; Jack E. Cermak;
Albert G. H. Deitz; William J. Hall; John D. Haltiwanger; Ernest F. Masur;
Herbert S. Suer

CONTENTS

August, 1960

Papers

	Page
Stresses in Layered Elastic Solids by M. M. Lemcoe	1
Lateral Stability of Frames by Energy Method by Donald E. Johnson	23
Seepage Losses from Parallel Canal Systems by H. Y. Hammad	43
Vibrations of Structural Systems by Component Mode Synthesis by Walter C. Hurty	51
Irrotational Motion of Two Fluid Strata Towards a Line Sink by D. G. Huber	71
Underground Structures Subject to Air Overpressure by Ernest T. Selig, Keith E. McKee, and Eben Vey	87
Geometry of Moire' Fringes in Strain Analysis by Stanley Morse, August J. Durelli, and Cesar A. Sciammarella	105

(over)

