## Journal of the

### ENGINEERING MECHANICS DIVISION

## Proceedings of the American Society of Civil Engineers

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#### CONTENTS

#### December, 1963

#### Papers

	Page
Analytical Methods in Transportation: Digital Simulation of Traffic by Aaron Glickstein	1
Analytical Methods in Transportation: Operations Research in Tunnel Traffic Control by Leslie C. Edie	15
Analytical Methods in Transportation: Mathematical Car- Following Theory of Traffic Flow by Denos C. Gazis, Robert Herman, and Richard W. Rothery	29
(over)	20

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Note.--Part 2 of this Journal is the 1963-46 Newsletter of the Engineering Mechanics Division.

The three preceding issues of this Journal are dated June 1963, August 1963, and October 1963.

	Page
Analytical Methods in Transportation: Planning a Grading Operation for Least Total Cost by L. R. Shaffer	47
Analytical Methods in Transportation: Systems Analysis for Arterial Street Operation by Charles Pinnell and Gilbert T. Satterly, Jr	67
Analytical Methods in Transportation: Left-Turn Penalties in Traffic Assignment Models by Joseph A. Wattleworth and Paul W. Shuldiner	97
Fracture of Plain Concrete by Joseph Glucklich	127
Finite Beam-Columns on Elastic Foundation by K. T. Sundara Raja Iyengar and S. Anantharamu	139
Deflection of Hinged Rings Under Uniform Pressure by James A. Cheney	161
Layered Systems Subjected to Surface Shears by R. A. Westmann	177
Dynamic Analysis of Inelastic Multi-Degree Systems by A. C. Heidebrecht, J. F. Fleming, and S. L. Lee	193
Elastic Buckling of Rigidly-Jointed Braced Frames by S. J. Britvec and A. H. Chilver	217
DISCUSSION	
Network Analogy for the Truss Problem, by W. R. Spillers. (December, 1962. Prior discussion: June, 1963. Discussion closed.)	
by W. R. Spillers (closure)	259
Lateral Bracing of Steel I Beams, by Campbell Massey. (December, 1962. Prior discussion: June, 1963. Discussion closed.)	
by Campbell Massey (closure)	263
Matrix Division, by George Kostro. (June, 1963. Prior discussion: October, 1963. Discussion closed.) by Lewis H. Blakey	. 267
Limit Analysis of Cylindrical Shells, by R. E. Ball and S. L. Lee. (June, 1963. Prior discussion: None. Discussion closed.)	
by M. E. Lunchick (over)	. 271

	Page
Transverse Normal Stress in Beams, by J. L. Sackman. (August, 1963. Prior discussion: None. Discussion closes January 1, 1964.) by Robert Schmidt	273
Buckling of Circular Arches under Nonuniform Pressure, by G. Wempner and T. Ewbank. (August, 1963. Prior discussion: None. Discussion closes January 1, 1964.) by Robert Schmidt	275
Network Analogy for Linear Structures, by W. R. Spillers. (August, 1963. Prior discussion: None. Discussion closes January 1, 1964.) by Steven J. Fenves	277
Natural Periods of Vibration of Buildings, by George W. Housner and A. G. Brady. (August, 1963. Prior discussion: None. Discussion closes January 1, 1964.) by Lydik S. Jacobsen	279