CONTENTS

Ambient Vibration Survey of Offshore Platform by Sheldon Rubin	425
Plasticity in Soil Mechanics and Landslides	
by Wai-Fah Chen	443
Concrete Strength Prediction by the Maturity Method	
by Tarun R. Naik	465
Dynamic Shakedown in Elastic-Plastic Bodies	
by Giulio Ceradini	481
Buckling of Axially Compressed Conical Shells	
by Chin-Hao Chang and Lester Katz	501
Foundation Impedance Matrices by Substructure Deletion	
by Gautam Dasgupta	517
Flow of Dilute Polymers through Porous Media	
by Fritz Käser and Robert J. Keller	525
Nonlinear Static and Dynamic Deformations of Viscoelastic Cables	
by Brian J. Sullivan and Steven C. Batterman	543

This Journal is published bimonthly 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 \$12.50. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. EE, EM, TE.

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

TECHNICAL NOTES

Proc. Paper 15448

Viscoplasticity and Creep of Three-Bar Linkage

DISCUSSION

Proc. Paper 15442

Two-DimensionalShallowWater-WaveModels,*byNikolaosKatopodes and Theodor Strelkoff (Apr., 1979).by Chintu Lai	575
Earthquake Sloshing in Annular and Cylindrical Tanks, ^a by Mo- hammed Aslam, William G. Godden, and D. Theodore Scalise (June, 1979).	
by Daniel D. Kana	577
Optimal Reliability Analysis by Fast Convolution, ^a by Niels C. Lind (June, 1979. Prior Discussion: Apr., 1980). by Ove Ditlevsen and Henrik O. Madsen	579
Improved Stress Analysis for Cross-Tie Tracks, ^a by Arnold D. Kerr (Aug., 1979).	
by Ching S. Chang	583
Dynamic Loading of Highway Bridges, by Radhey G. Gupta (Apr., 1980).	
errata	584

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