

PERMISSION TO PHOTOCOPY JOURNAL PAPERS

Permission to photocopy for personal or internal reference beyond the limits in Sections 107 and 108 of the U.S. Copyright Law is granted by the American Society of Civil Engineers for libraries and other users registered with the Copyright Clearance Center, 21 Congress Street, Salem, Mass. 01970, provided the appropriate fee is paid to the CCC for all articles bearing the CCC code. Requests for special permission or bulk copying should be addressed to the Manager of Technical and Professional Publications, American Society of Civil Engineers.

CONTENTS

Full-Scale Tests on Ground Anchors in Fine Sand <i>by Allen G. Davis and Claude Plumelle</i>	335
Single Pile Response to Cyclic Lateral Load <i>by Harry G. Poulos</i>	355
Shallow Foundations for Tall Structures in Florida <i>by Dennis J. Leary and Bernard F. Langan</i>	377
Probabilistic Analysis of Deposit Liquefaction <i>by Michael N. Fardis and Daniele Veneziano</i>	395
Dynamic Formula for Pressure Injected Footings <i>by Raymond L. Nordlund</i>	419
Horizontal Stiffness and Damping of Single Piles <i>by Ricardo Dobry, Ernesto Vicente, Michael J. O'Rourke, and Jose M. Roesset</i>	439

The Journal of the Geotechnical Engineering Division (ISSN 0093-6405) 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 \$16.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. GT.

POSTMASTER: Send address changes to American Society of Civil Engineers, 345 East 47th Street, New York, NY 10017.

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

Numerical Models for Track Support Structures <i>by C. S. Desai and H. J. Siriwardane</i>	461
---	-----

TECHNICAL NOTES

Proc. Paper 16890

Elasto-Plastic Settlement of Rigid Footings <i>by Madira R. Madhav and R. S. Karmarkar</i>	483
Piping Potential of Weak Zones under Concrete Dams <i>by Gregg A. Scott</i>	488
Interaction of Soil and Penetrating Projectile <i>by David Z. Yankelevsky</i>	493

DISCUSSION

Proc. Paper 16884

Pile Load Tests: Cyclic Loads and Varying Load Rates,^a by Leland M. Kraft, William R. Cox, and Edward A. Verner (Jan., 1981). <i>by Jean M. E. Audibert and Anthony R. Dover</i>	501
<i>by Thomas K. Hamilton</i>	505
<i>closure</i>	507
Construction Vibrations: State-of-the-Art,^a by John F. Wiss (Feb., 1981). <i>by Jeffrey C. Evans, Arthur H. Dvinoff, and Paul F. Marano</i>	510
<i>closure</i>	512
At-Rest Lateral Pressure of Peat Soils,^a by Tuncer B. Edil and Abdulmohsin W. Dhowian (Feb., 1981). <i>by O. B. Andersland</i>	513
<i>closure</i>	514
Piles Subjected to Torsion, by M. F. Randolph (Aug., 1981). <i>errata</i>	514

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