

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

Transverse Forces on Vertical Tube Array in Waves <i>by Subrata K. Chakrabarti</i>	1
Simulation of Large-Scale Circulation in Harbors <i>by Wen-Li Chiang and Jiin-Jen Lee</i>	17
Wave Spectrum Changes on Sloped Beach <i>by Bernard Le Méhauté and John D. Wang</i>	33
Numerical Modeling Study of Lake Pontchartrain <i>by Glenn D. Hamilton, Cecil W. Soileau, and Arthur D. Stroud</i>	49
Shore Line Change Estimates Near Oarai, Japan <i>by Kazumasa Mizumura</i>	65
Shock Pressure of Breaking Waves on Vertical Walls <i>by M. Salih Kirkgöz</i>	81
Prediction of Water Level in Tidal Inlet <i>by Kazumasa Mizumura</i>	97

The Journal of the Waterway, Port, Coastal and Ocean Division (ISSN 0148-9895) is published quarterly 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 \$9.00. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. WW.

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.

TECHNICAL NOTES

Proc. Paper 16839

Calculation of Trapped Reflected Waves
by Fred E. Camfield 109

Node Factor Variations and Joint Occurrences
by James R. Houston 112

DISCUSSION

Proc. Paper 16835

Second-Order Standing Waves Bounded by Circular Cylinders, by
John N. Hunt and Rafik E. Baddour (Feb., 1980. Prior Discussions:
Nov., 1980; Feb., 1981).
closure 119

Impact of Gravel Mining on River System Stability, by Peter F. Lagasse,
Brien R. Winkley, and Daryl B. Simons (Aug., 1980. Prior Discussion:
May, 1981).
closure 120

Coastal Engineering and Construction in Japan,* by Boyd C. Paulson
(Feb., 1981).
by Young C. Kim 121

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