

CONTENTS

Inline Forces on Fixed Vertical Cylinder in Waves <i>by Subrata K. Chakrabarti</i>	145
Dynamic Behavior of Floating Storage Vessel <i>by Robert A. Naftzger and Subrata K. Chakrabarti</i>	157
Wave Runup on Variable Beach Profiles <i>by R. Bruce Taylor, E. Özsoy, and Thomas J. Turco</i>	169
Vortex-Excited Vibrations of Marine Cables <i>by Owen M. Griffin, John H. Pattison, Richard A. Skop, Steven E. Ramberg, and Dallas J. Meggitt</i>	183
Steady and Oscillating Drift Forces on Floating Objects <i>by Subrata K. Chakrabarti</i>	205
Drag of Yawed Pile Groups at Low Reynolds Numbers <i>by David J. Ball and Clifford D. Hall</i>	229
The Berthing of a Ship to a Jetty <i>by H. L. Fontijn</i>	239
Friction Factors in Storm Surges over Inland Areas <i>by Raymond Walton and Bent A. Christensen</i>	261

→

This Journal 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 \$7.50. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. IR, WW. The Society is not responsible for any statement made or opinion expressed in its publications.

TECHNICAL NOTES

Proc. Paper 15385

Large Rubble-Mound Breakwater Failures <i>by Eugene H. Harlow</i>	275
Irregularities in Solutions of Nonlinear Wave Diffraction Problem by Vertical Cylinder <i>by Touvia Miloh</i>	279
Shallow Water Surface Wave Elevation Distributions <i>by Edward F. Thompson</i>	285
Perturbation Methods in Diffraction <i>by John V. Wehausen</i>	290

DISCUSSION

Proc. Paper 15382

Vertical Cylinders of Arbitrary Section in Waves , by Michael de St. Q. Isaacson (Aug., 1978. Prior Discussions: May, Aug., 1979). <i>closure</i>	295
Design Criteria for Floating Tire Breakwaters, * by Volker W. Harms (May, 1979). <i>by Vellore M. Arunachalam and Harihara Raman</i>	296

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