

CONTENTS

Nonlinear Inertia Forces on Bodies <i>by Michael de St. Q. Isaacson</i>	213
Sand Bed Friction Factors for Oscillatory Flows <i>by Philip Vitale</i>	229
Moving Boundary Numerical Surge Model <i>by Gour-Tsyh Yeh and Fang-Kuo Chou</i>	247
Performance Analysis of Tethered Float Breakwater <i>by Richard J. Seymour and Daniel M. Hanes</i>	265
Motion Analysis of Articulated Tower <i>by Subrata K. Chakrabarti and Dennis C. Cotter</i>	281
Dye-Vector Flow Visualization—Cooling Water Model <i>by Volker W. Harms and Robert L. Wiegel</i>	293
Geomorphic Study of Upper Mississippi River <i>by Yung Hai Chen and Daryl B. Simons</i>	313

TECHNICAL NOTES

Proc. Paper 14731

Extreme Values of Breaker Direction and Longshore Current <i>by Michael Stiassnie and Uri Kroszynski</i>	331
--	-----

→

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 \$6.00. 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.

DISCUSSION

Proc. Paper 14725

Finite Element Modeling of Nearshore Currents,* by Philip Li-Fan
Liu and Gerard P. Lennon (May, 1978).
by Nicholas C. Kraus and Tamio O. Sasaki 337

Vertical Cylinders of Arbitrary Section in Waves,* by Michael de
St. Q. Isaacson (Aug., 1978. Prior Discussion: May, 1979).
by Iyyanki V. Muralikrishna 339

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3 × 5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August, 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.

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