

# CONTENTS

<b>Numerical Computation of Two-Dimensional Flows</b> <i>by John P. Grubert . . . . .</i>	1
<b>Oregon Coast Shoreline Changes Due to Jetties</b> <i>by Paul D. Komar, Jose Roman Lizarraga-Arciniega, and Thomas A. Terich . . . . .</i>	13
<b>Energy Dissipation on a Rough Slope</b> <i>by Ole Secher Madsen and Stanley M. White . . . . .</i>	31
<b>Transverse Forces on Vertical Cylinders in Waves</b> <i>by Michael de St. Q. Isaacson and David J. Maull . . . . .</i>	49
<b>Wind-Driven Flow of Water Influenced by a Canopy</b> <i>by Robert O. Reid and Robert E. Whitaker . . . . .</i>	61
<b>Volume and Strength of a Dolos</b> <i>by Harshkumar C. Desai . . . . .</i>	79

---

## DISCUSSION

Proc. Paper 11882

---

<b>Nonlinear Wave Forces on Half-Cylinder and Hemisphere</b> , by Subrata K. Chakrabarti and Robert A. Naftzger (Aug., 1974. Prior Discussions: May, Aug., 1975). <i>closure . . . . .</i>	91
---	----

→

---

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 \$5.00. 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.

<b>Wave Transmission through Porous Structures</b> , by Ole Secher Madsen (Aug., 1974. Prior Discussion: Aug., 1975). <i>closure</i> . . . . .	94
<b>Analytical Model of Hydraulic Pipeline Dredge</b> , <sup>a</sup> by David R. Basco (Feb., 1975). <i>by Millard P. Robinson, Jr. and Oner Yucel</i> . . . . .	97
<b>Wave Induced Pressures on Submerged Plates</b> , <sup>a</sup> by William W. Durgin and Jong C. Shiau (Feb., 1975). <i>by Harihara Raman, Nilakantan Jothi Shankar, and Jade Dattatri</i> . . . . .	99
<b>Computation of Wave Heights Due to Refraction and Friction</b> , by Ove Skovgaard, Ivar G. Jonsson, and Jens A. Bertelsen (Feb., 1975). <i>closure</i> . . . . .	100
<b>Computation of Flow Through Masonboro Inlet, N.C.</b> , <sup>a</sup> by Michael Amein (Feb., 1975). <i>by Nilakantan Jothi Shankar</i> . . . . .	105
<b>Wave Motion in Rockfill</b> , <sup>a</sup> by Mohamed S. Nasser and John A. McCorquodale (May, 1975). <i>by Geoffrey J. Edgell</i> . . . . .	106
<b>Friction Factor under Oscillatory Waves</b> , <sup>a</sup> by J. William Kamphuis (May, 1975. Prior Discussion: Nov., 1975). <i>by Ivar G. Jonsson</i> . . . . .	108
<b>Dynamic Behavior of Box-Girder Jetties</b> , <sup>a</sup> by Trevor J. Poskitt (May, 1975). <i>by Neil C. Mickleborough</i> . . . . .	109

**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.

<sup>a</sup>Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.