

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

Hydromechanics of Tidal Jets <i>by Prakash B. Joshi</i>	239
Sediment Transport on a Gentle Slope due to Waves <i>by Nobuhisa Kobayashi</i>	254
Natural Wave Trains and Scattering Transform <i>by Rodney J. Sobey and Errol J. Colman</i>	272
Columbia River Entrance Channel Ship Motion Study <i>by Shen Wang and Scott Noble</i>	291
Nonlinear Diffraction by Eigenfunction Expansions <i>by Min-Chu Chen and Robert T. Hudspeth</i>	306
Movable-Bed Tidal Inlet Model <i>by Subhash C. Jain</i>	326

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.

Unsteady Flow in China <i>by Pin-nam Lin, Zheheng Dai, and Kuanbin Li</i>	343
Parametric Approach to Wave Forecasting <i>by M. Aziz Tayfun</i>	361
Steady Flow in Alluvial Channels <i>by Gerd Hothorff</i>	376
New Method for Tidal Current Computation <i>by Jean Pierre Benque, Jean A. Cunge, Jacques Feuillet, Alain Hauguel and Forrest M. Holly</i>	396

TECHNICAL NOTES

Proc. Paper 17239

Floating Tire Breakwater Design Comparison <i>by Craig T. Bishop</i>	421
Bragg Scattering by Pile-Supported Structures <i>by Robert A. Dalrymple and John E. Fowler</i>	426
Second-Order Wave Forces on Vertical Cylinder <i>by John N. Hunt and Rafik E. Baddour</i>	430
Calculating Modulus k of Cnoidal Waves <i>by V. Chris Lakhan</i>	435

DISCUSSION

Proc. Paper 17237

Linearized Solution to Inlet Equation with Inertia , by Todd L. Walton, Jr. and Francis F. Escoffier (Aug., 1981). <i>by David B. King, Jr.</i>	441
Oscillatory Rough Turbulent Boundary Layers , by Iver Brevik (Aug., 1981). <i>errata</i>	443