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

Experiments on Coaxial Heated Water Discharges by Wolfgang Rodi and Klaus Weiss	737
Accuracy Criteria in Diffusion Routing by Victor Miguel Ponce and Fred D. Theurer	747
Origin of Step-Pool Systems in Mountain Streams by Jeffrey G. Whittaker and Martin N. R. Jaeggi	758
Sediment Transport and Unit Stream Power Function by Chih Ted Yang and Albert Molinas	774

The Journal of the Hydraulics Division (ISSN 0044-796X) is published monthly 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 \$19.50. Nonmember subscriptions available; prices obtainable on request. Second-class postage paid at New York, N.Y. and at additional mailing offices. HY.

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.

DISCUSSION

Proc. Paper 17114

Submerged Horizontal Jet over Erodible Bed, by S. S. Chatterjee and S. N. Ghosh (Nov., 1980). by Komarath Padmavally 797 Minimum Specific Energy in Compound Open Channel, by Merritt E. Blalock and Terry W. Sturm (June, 1981). by Delbert D. Franz 800 Flow Resistance in Coarse Gravel Bed Rivers, by George A. Griffiths (July, 1981). by Peter Engel 803 by Anthony Rylands Thomas 806 Boundary Shear in Smooth and Rough Channels, by Donald W. Knight (July, 1981). by George C. Noutsopoulos and Panos A. Hadjipanos 809 Radial Source-Sink Flow in Stratified Ocean, by Gerhard H. Jirka, R. Peter Johnson, and Frank E. Sargent (Dec., 1981). errata 812

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