

CONTENTS

Water Movement in Soil from Trickle Source <i>by Ahmed Y. Hachum, Jose F. Alfaro, and Lyman S. Willardson</i>	179
Transient Drainage with Nonlinearity and Capillarity <i>by David B. McWhorter and Harold R. Duke</i>	193
Water Quality and Aquitard Permeability <i>by James H. Hardcastle and James K. Mitchell</i>	205
Saturated and Unsaturated Flow to Parallel Drains <i>by R. Wayne Skaggs and Yau-K. Tang</i>	221
Solutions to Green-Ampt Infiltration Equation <i>by Ruh-Ming Li, Michael A. Stevens, and Daryl B. Simons</i>	239
Aqueduct Optimization with Intermediate Storage <i>by Jayant Sathaye and Warren A. Hall</i>	249

DISCUSSION

Proc. Paper 12165

Consumptive Use of Water and Irrigation Water Requirements , by the Technical Committee on Irrigation Water Requirements of the Irrigation and Drainage Division (1974). <i>errata</i>	267
--	-----

→

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.

Automated Valves for Surface Irrigation Pipelines, by Allan S. Humpherys and Robert L. Stacey (June, 1975).
errata 268

Design of Irrigation Runoff Recovery Systems,^a by Glen E. Stringham and Safa N. Hamad (Sept., 1975).
by Ronald D. Bliesner 269

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.

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