

CONTENTS

Papers

	Page
Rapid Assessment of Sprinkler Performance by R. Culver and R. F. Sinker	1
Steady-State Theories for Drainage by Don Kirkham	19
Relationships Among Sprinkler Uniformity Measures by Jack G. Beale and David T. Howell	41
Implications of Water Rights for Engineers by Robert H. Marquis	49
Kaweah Water Rights Settlement by Purchase by Stanley M. Barnes	55
Salinity Problems and Management in River Systems by Arthur F. Pillsbury and Harry F. Blaney	77
(over)	

Copyright 1966 by the American Society of Civil Engineers

This Journal is published quarterly by the American Society of Civil Engineers. Publication office is at 2500 South State Street, Ann Arbor, Michigan. Editorial and General Offices are at United Engineering Center, 345 East 47th Street, New York, N. Y. 10017. Subscription price is \$4.00 per year with discounts to members and libraries. Second-class postage paid at Ann Arbor, Michigan. IR, WW.

 DISCUSSION

Irrigation Water Requirements in Texas, by Charles B. Thompson. (September, 1964. Prior discussion: March, June, 1965. Discussion closed.) by Charles B. Thompson (closure)	93
Irrigation Water Requirements of Lawns, by Tyler H. Quackenbush and John T. Phelan. (June, 1965. Prior discussion: None. Discussion closed.) by Marvin E. Jensen	95
Inflow Hydrographs From Large Unconfined Aquifers, by Hassan Ali Ibrahim and Wilfried Brutsaert. (June, 1965. Prior discussion: None. Discussion closed.) by Hammad Y. Hammad	101
by Roberto Carravetta	102
by John Y. Ding	104
Natural Drainage of River Valleys, by Hammad Y. Hammad. (June, 1965. Prior discussion: None. Discussion closed.) by Hammad Y. Hammad (errata)	107
Double-Slope Method for Pumping Test Analysis, by Kamal F. Saad, Ahmed Shukry, and Aly Baligh. (June, 1965. Prior discussion: None. Discussion closed.) by R. Sakthivadivel	108
Effect of Irrigation Method on Water Conservation, by Jack Keller. (June, 1965. Prior discussion: None. Discussion closed.) by Lee Chow	109
Forest Drainage Research in the Coastal Plain, by Ralph A. Klawitter and Cortland E. Young, Jr. (September, 1965. Prior discussion: None. Discussion closed.) by Mortimer R. Lewis	110
Transient Design of Drainage Systems, by Jan Van Schilfgaarde. (September, 1965. Prior discussion; None. Discussion closed.) by Gedeon Dagan	111
Rice Irrigation, by Lee Chow. (September, 1965. Prior discussion: None. Discussion closed.) by Arthur R. B. Edgecombe	112