CONTENTS

Papers	Page
EVALUATION OF ANTARCTIC STAR OBSERVATIONS by John C. Albright and James L. Clapp	81
DETERMINATION OF PERSPECTIVE GENERATING PARAMETERS	0.
by Walter D. Bernhart	95
by Richard R. Mayer	101
INERTIAL PLATFORMS IN PHOTOGRAMMETRIC MAPPING by Mohamed F. Madkour	109
PRECISION OF ADJUSTED VARIABLES BY LEAST SQUARES by Mohamed F. Madkour	119
SLOPE TAPING by J. E. Colcord and Frank H. Chick	137
MEASURED DEFORMATION BEHAVIOR OF GLEN CANYON DAM by Joe T. Richardson	149
SURVEY CONTROL FOR CONCRETE DAM CONSTRUCTION by Maynard J. Willis	169
GEOGRAPHIC POSITION DETERMINED BY INTERSECTION by William E. Ball, Jr	189
CONSTRUCTION SURVEYS FOR MERCED RIVER PROJECT by Arthur R. Reitter and Robert N. Janopaul	203

(over)

This Journal is published aperiodically by the American Society of Civil Engineers. Publications office is at 2500 South State Street, Ann Arbor, Michigan 48104. Editorial and General Offices are at 345 East 47th Street, New York, N. Y. 10017. Subscription price is \$4.00 per year with discounts to members and libraries. AT, CO, UP, HW, PL, PO, PP, SU.

	Page
CLOSE-RANGE PHOTOGRAMMETRIC DATA REDUCTION SCHEME	
by Dennis E. Moellman, and Houssam M. Karara	211
RIGHT-OF-WAY SURVEYS by Joe A. Hicks, Jr. (Chairman), et al	227
STATUS OF USE AND RESEARCH IN SURVEYING AND MAPPING	
by William T. Pryor (Chairman)	243
DISCUSSION	
Proc. Paper 6091	
POSITION BY THE AZIMUTH-ZENITH DISTANCE METHOD, by Garbor S. Szava-Kovats (June, 1966).	
errata	273
PERPETUATION OF LAND SURVEY DATA ^a , by James A.	
Lindsey (June, 1966. Prior Discussion: Jan., Oct., 1967).	07.4
closure	274
DESCRIPTIONS—DEBATABLE OR DEFINITIVE? by Gurdon H. Wattles (Jan., 1967. Prior Discussion: Oct., 1967).	
closure	276
THE PHILOSOPHY OF GEOMETRONICS, by J. E. Colcord (Jan., 1967. Prior Discussion: Oct., 1967).	
closure	277
TEN-YEAR RESEARCH PROGRAM IN SURVEYING AND MAPPING ^a , by Morris M. Thompson (Oct., 1967).	
by Franklin K. Van Zandt	278
THE UNSYMMETRICAL VERTICAL PARABOLA ^a , by Robert P. Vreeland (Jan., 1968).	
by R. Robinson Rowe by Frederic T. Mavis	$\frac{280}{285}$
	200
SURVEY AND PROPERTY CORNER MONUMENTATION ^a , by Lois A. Woodward (Oct., 1967).	
by Curtis M. Brown	286
EVALUATION OF ACCURACY OF PRECISE LEVELING, by Mordechai Geisler and Haim Papo (Oct., 1967).	
errata	289
GEODESY AND PHOTOGRAMMETRY ^a , by James C. Tison, Jr.	
(Jan., 1968). by Arthur J. Brandenburger	290
0	

 $^{^{}m a}$ Discussion period closed for this paper. Any other discussion received during this discussion period will be published in subsequent Journals.

	Page
CONTROL FOR ANTARCTIC ICE CAP RECONNAISSANCE ^a , by James L. Clapp (Jan., 1968). by Arthur J. Brandenburger	291
by Egon Dorrer	292
PHOTOGRAMMETRY FOR RIGHT-OF-WAY ACQUISITIONS ^a , by Edward H. Sokolowski (Jan., 1968).	
by Gurdon H. Wattles	293

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