CONTENTS

Vol. 7, No. 4

December, 1963

		rage
Characterization of the three classical plane geometries By HELMUT SALZMANN.		. 543
An extension of a fine-cyclic additivity theorem for a functional	•	
By Russell Remage, Jr.		. 548
Modules over regular local rings	•	. 010
By M. Pavaman Murthy	•	. 558
Ramification index and multiplicity By M. AUSLANDER and D. S. RIM		. 566
Generalizations of some combinatorial inequalities of H. J. Ryser		
By MARVIN MARCUS and WILLIAM R. GORDON		. 582
Function topologies on abelian groups	·	
By STEPHEN U. CHASE.		. 593
Representation of moments by integrals		
By Richard Arens	•	. 609
Sojourn times of diffusion processes		
By DANIEL RAY	•	. 615
The set of zeros of a semistable process		
By Charles Stone	•	. 631
Limit theorems for random walks, birth and death processes, and o	liffı	u-
sion processes		
By Charles Stone	•	. 638
Proof of a conjecture of G. Pólya concerning gap series		
By W. H. J. Fuchs	•	. 661
An infinite product of isols		
Ву J. Ĉ. E. Dekker		. 668
On two extremum properties of polynomials		
By Kurt Mahler	•	. 681
On the Cesari-Cavalieri inequality		
By Togo Nishiura	•	. 702
Correction to my paper, "On the Minkowski-Hlawka theorem"		
By Wolfgang M. Schmidt	•	. 714

Published by the University of Illinois Press in March, June, September and December. Supported in part by the George A. Miller Endowment. Printed by Waverly Press, Baltimore, Maryland.

The subscription price is \$9.00 a volume (four numbers); this is reduced to \$5.00 for individual members of the American Mathematical Society. The price of a single number is \$3.00. Subscriptions should be sent to the University of Illinois Press, Urbana, Illinois.