

CONTENTS

Vol. 7, No. 1

March, 1963

	Page
Decomposition of supermartingales: The uniqueness theorem By P. A. MEYER.	1
On the Minkowski-Hlawka theorem By WOLFGANG M. SCHMIDT.	18
Big projective modules are free By HYMAN BASS	24
On amenable semigroups with a finite-dimensional set of invariant means I By E. GRANIRER	32
On amenable semigroups with a finite-dimensional set of invariant means II By E. GRANIRER	49
The equivalence of two areas for nonparametric discontinuous surfaces By J. H. MICHAEL	59
Suzuki 2-groups By GRAHAM HIGMAN	79
A norm inequality for a "finite-section" Wiener-Hopf equation By GLEN BAXTER.	97
On some span theorems By JAMES A. JENKINS	104
A note on abstract (M) -spaces By ANTHONY L. PERESSINI	118
On the homology decomposition of polyhedra By C. R. CURJEL	121
Disjoint pairs of sets and incidence matrices By MARVIN MARCUS and HENRYK MINC	137
Integral equations and semigroups By J. S. MAC NERNEY	148
g -circulant matrices over a field of prime characteristic By J. L. BRENNER	174

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.