

CONTENTS

Vol. 20, No. 4

December 1976

	Page
Ergodic actions with generalized discrete spectrum	
By ROBERT J. ZIMMER	555
On the cohomology of the classical linear groups	
By JACK SHAPIRO	589
Denominators of Egyptian fractions II	
By MICHAEL N. BLEICHER AND PAUL ERDÖS	598
Zum isomorphieproblem für gruppen mit einer definierenden relation	
By GERHARD ROSENBERGER	614
Homotopy groups of pro-spaces	
By JERROLD W. GROSSMAN	622
A factorization theorem for compact operators	
By GREGORY F. BACHELIS	626
Measurable weak sections	
By G. A. EDGAR	630
A class of differential inequalities implying boundedness	
By SANFORD S. MILLER	647
The fixed-point property for almost chainable homogeneous continua	
By CHARLES L. HAGOPIAN	650
Polynomial and linear fractional factors of automorphy	
By DAVID A. JAMES	653
Complementary 1-ULC properties for 3-spheres in 4-space	
By FREDRIC D. ANCEL AND D. R. McMILLAN, JR.	669
On the number of restricted prime factors of an integer. I	
By KARL K. NORTON	681
A characterization of certain extreme forms	
By MAURICE CRAIG	706

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

The subscription price is \$30.00 a volume (four numbers). The price of single number is \$10.00. Subscriptions should be sent to the University of Illinois Press, Urbana, Illinois 61801. All foreign subscriptions must be accompanied by payment.