

TABLE OF CONTENTS

R. ACHILLES (HALLE), L. L. AVRANOV (SOFIA)	
Relations between properties of a ring and of its associated graded ring	5
D. A. BUCHSBAUM, D. EISENBUD (WALTHAM)	
Gorenstein ideals of height 3	30
P. SCHENZEL (HALLE)	
A note on almost complete intersections	49
H.-G. GRÄBE (HALLE)	
Kanonische Parametersysteme quadratfreier Potenzprodukt- ideale	55
H. BRESINSKY (ORONO), W. VOGEL (HALLE)	
Some remarks on a paper by L. Kronecker	64
K. DRECHSLER, U. STERZ (HALLE)	
Die Kohomologieringe der Varietäten der p-l-Kegel- schnitte und der p-l-s-Kegelschnitte	72
R. ACHILLES, P. SCHENZEL (HALLE)	
A degree bound for the defining equations of one- dimensional tangent cones	77
J. STÜCKRAD (LEIPZIG), W. VOGEL (HALLE)	
On the number of equations defining an algebraic set of zeros in n-space	88