## **CONTENTS**

## A - ALGEBRA AND NUMBER THEORY

T. W. Cusick, The two-dimensional Diophantine approximation constant. II				
D. Goss, On a new type of L-function for algebraic curves over finite fields	143			
D. Hensley, Lattice vertex polytopes with interior lattice points	183			
I. J. Papick, Super-primitive elements				
B – ANALYSIS				
K. F. Andersen, On the transformation of Fourier coefficients of certain classes of functions II	1			
G. Brown, I. Glicksberg and E. Hewitt, Indicator functions with large Fourier transforms				
H. O. Fattorini, Convergence and approximation theorems for vector-valued distributions	77			
J. J. F. Fournier and L. Pigno, Analytic and arithmetic properties of thin sets				
J. L. Rubio de Francia and J. L. Torrea, Vector extensions of operators in L <sup>p</sup> spaces	227			
M. P. Thomas, Closed ideals of $l^1(\omega_n)$ when $\{\omega_n\}$ is star-shaped	237			
F - PROBABILITY AND STATISTICS				
SS. Chang, Some random fixed point theorems for continuous random operators	21			
G – TOPOLOGY				
K. C. Chattopadhyay and O. Njåstad, Quasi-regular nearness spaces and extensions of nearness-				
preserving maps	33 69			
E. K. van Douwen and J. van Mill, Spaces without remote points				
I. K. Kohli, Monotone extensions of mappings and their applications				
J. C. Morgan II, On equivalent category bases				

Our subject classifications are: A – ALGEBRA AND NUMBER THEORY; B – ANALYSIS; C – APPLIED MATHEMATICS; D – GEOMETRY; E – LOGIC AND FOUNDATIONS; F – PROBABILITY AND STATISTICS; G – TOPOLOGY; H – COMBINATORICS

Vol. 105, No. 1 March 1983