

CONTENTS

CONTRIBUTORS	vii
PREFACE	ix
A Central Theorem in Transcendence Theory	1
<i>A. Baker</i>	
The Markov Spectrum	25
<i>R. T. Bumby</i>	
Distinct Prime Factors of Consecutive Integers	59
<i>P. L. Cijssouw and R. Tijdeman</i>	
Linear Relations between $2\pi i$ and the Periods of Two Elliptic Curves	77
<i>John Coates</i>	
The Largest Coefficient in Continued Fractions and Related Problems	101
<i>Janos Galambos</i>	
The Values of Exponential Polynomials at Algebraic Points (II)	111
<i>Carlos J. Moreno</i>	
Application of Diophantine Approximations to Numerical Integration	129
<i>H. Niederreiter</i>	
A Diophantine Property of $J_0(z)$	201
<i>Charles F. Osgood</i>	
Empirical Distribution Functions and Uniform Distribution Mod 1	211
<i>Walter Philipp</i>	
Inequalities for Resultants and for Decomposable Forms	235
<i>Wolfgang M. Schmidt</i>	

CONTENTS

Further Advances in the Theory of Linear Forms in Logarithms	255
<i>H. M. Stark</i>	
Differential Rings of Analytic Functions of a Nonarchimedean Variable	295
<i>E. G. Straus</i>	
New Results and Applications of the Theory of Diophantine Approximations	309
<i>Paul Turán</i>	
Good Lattice Points Modulo Primes and Composite Numbers . . .	327
<i>S. K. Zaremba</i>	