

CONTENTS

PART 1

JEAN-MARIE DE KONINCK, IMRE KÁTAI	
Construction of normal numbers by classified prime divisors of integers II	7
DONALD M. DAVIS	
Divisibility by 2 of partial Stirling numbers	29
LUÍS R. A. FINOTTI	
Coordinates of the j -invariant of the canonical lifting	57
ZHONGFENG ZHANG, MENG BAI	
On the diophantine equation $(x + 1)^2 + (x + 2)^2 + \dots + (x + d)^2 = y^n$	73
ROLF WALLISSER	
Linear independence of values of a certain generalization of the exponential function II	79
FRIEDRICH PILLICHSHAMMER	
The p -adic diaphony of the Halton sequence	91
TAKESHI OGASAWARA	
Octahedral newforms of weight one associated to three-division points of elliptic curves	103
AKIKO ITO	
Existence of an infinite family of pairs of quadratic fields $\mathbb{Q}(\sqrt{m_1 D})$ and $\mathbb{Q}(\sqrt{m_2 D})$ whose class numbers are both divisible by 3 or both indivisible by 3	111
ADRIANA SALERNO	
Counting points over finite fields and hypergeometric functions	137
XIAODONG CAO, JUN FURUYA, YOSHIO TANIGAWA, WENGUANG ZHAI	
A generalized divisor problem and the sum of Chowla and Walum II	159
AHMED ZINEDINE, ABDELAZIZ TAJMOUATI	
Idéaux non removables dans la classe des algèbres bornologiques multiplicativement convexes	189