

CONTENTS

PART 1

JEAN-MARIE DE KONINCK, IMRE KÁTAI	
On the consecutive prime divisors of an integer	7
M. RAM MURTY, SIDDHI PATHAK	
The Okada space and vanishing of $L(1, f)$	35
KARSTEN KRUSE	
Asymptotic Fourier and Laplace transforms for vector-valued hyperfunctions	59
CHI HOI YIP	
Gauss sums and the maximum cliques in generalized Paley graphs of square order	119

PART 2

FLORIAN LUCA, EULOGIE TCHAMMOU, ALAIN TOGBÉ	
On the exponential Diophantine equation $F_n^x + F_{n+1}^x + \cdots + F_{n+k-1}^x = F_m$	139
PENG GAO, LIANGYI ZHAO	
First moments of some Hecke L -functions of prime moduli	161
RUSEN LI	
Euler sums of generalized hyperharmonic numbers	179
NIKITA SHULGA	
On the derivative of iterations of the Minkowski question mark function at special points	191
MATTHEW BISATT	
Clusters, inertia, and root numbers	203

AJAI CHOUDHRY, ARMAN SHAMSI ZARGAR

Pairs of equiperimeter and equiareal triangles whose sides
are perfect squares 245

NILANJAN BAG, ANTONIO ROJAS-LEÓN, ZHANG WENPENG

An explicit evaluation of 10^{th} -power moment of quadratic
Gauss sums and some applications 253