CONTENTS

Boris ADAMCZEWSKI and Yann BUGEAUD — On the Littlewood conjecture in fields of power series	1
Krishnaswami Alladi and Alexander BERKOVICH — Series and polynomial representations for weighted Rogers-Ramanujan par- titions and products modulo 6	21
Gutti Jogesh BABU, Eugenijus MANSTAVIČIUS and Vytas ZACHAROV — Limiting processes with dependent increments for measures on symmetric group of permutations	vas 41
Peter Elliott — The ramifications of a shift by 2	69
Katusi FUKUYAMA — On lacunary trigonometric product	79
$\label{eq:amunas} \begin{array}{l} {\rm Ram\bar{u}nas} \ {\rm GARUNK\check{S}TIS} \mbox{ — On the Backlund equivalent for the Lindelöf hypothesis} \end{array}$	91
Peter Hellekalek and Pierre Liardet — The dynamics associated with certain digital sequences	105
Karl-Heinz INDLEKOFER — New approach to probabilistic number theory - compactifications and integration	133
Shunji ITO and Shin-ichi YASUTOMI — On simultaneous Diophan- tine approximation to periodic points related to modified Jacobi- Perron algorithm	171
Antanas LAURINČIKAS — Limit theorems for the Mellin transform of $ \zeta(\frac{1}{2}+it) ^2$. II	185
Kohji MATSUMOTO — On the speed of convergence to limit distributions for Dedekind zeta-functions of non-Galois number fields	199
Jean-Loup MAUCLAIRE — On ${\pmb Q}$ -multiplicative functions having a positive upper-mean value	219
Makoto MORI — Low discrepancy sequences generated by dynamical systems	245
Takehiko MORITA — Renormalized Rauzy inductions	263
Hirofumi NAGOSHI — The universality of L -functions attached to Maass forms	289
Yukio OHKUBO — The diaphony of a class of infinite sequences	307

János Pintz — Approximations to the Goldbach and twin prime problem and gaps between consecutive primes	323
Wolfgang SCHWARZ — Some highlights from the history of probabilistic number theory	367
Rasa ŠLEŽEVIČIENĖ-STEUDING and Jörn STEUDING — Gaps be- tween consecutive zeros of the zeta-function on the critical line and conjectures from random matrix theory	421
Boris SOLOMYAK — Eigenfunctions for substitution tiling systems	433
Hiroshi Sugita and Satoshi Takano Bu — The probability of two $\mathbb{F}_q\text{-polynomials}$ to be coprime	455
Masatoshi Suzuki — An analogue of the Chowla–Selberg formula for several automorphic $L\text{-}{\rm functions}$	479
Noboru USHIROYA — On a mean value of a multiplicative function of two variables	507
Reinhard WINKLER — Hartman sets, functions and sequences – a survey	517
Yoshinori YAMASAKI — Integral representations of q -analogues of the Barnes multiple zeta functions	545