

## CONTENTS

Gautami BHOWMIK and Karin HALUPCZOK — Asymptotics of Goldbach representations	1
Driss ESSOUABRI — On mean values of multivariable complex valued multiplicative functions and applications	23
Katusi FUKUYAMA — A metric discrepancy result for geometric progression with ratio $3/2$	65
Ramūnas GARUNKŠTIS, Raivydas ŠIMĖNAS and Rokas TAMOŠIŪNAS — Zeros of derivative of Lerch's zeta-function	79
Yasuaki HIRAOKA, Hiroyuki OCHIAI and Tomoyuki SHIRAI — Zeta functions of periodic cubical lattices and cyclotomic-like polynomials	93
Roma KAČINSKAITĖ — On the investigation of the Matsumoto zeta-function	123
Yuichi KAMIYA — On hybrid fractal curves of the Heighway and Lévy dragon curves	161
Masanobu KANEKO and Hirofumi TSUMURA — Zeta functions connecting multiple zeta values and poly-Bernoulli numbers	181
Masanori KATSURADA — Complete asymptotic expansions associated with various zeta-functions	205
Yasushi KOMORI, Kohji MATSUMOTO and Hirofumi TSUMURA — An overview and supplements to the theory of functional relations for zeta-functions of root systems	263
Antanas LAURINČIKAS — Joint approximation by zeta-functions of cusp forms	297
Junghun LEE, Athanasios SOURMELIDIS, Jörn STEUDING and Ade Irma SURIAJAYA — The values of the Riemann zeta-function on discrete sets	315
Yasuko MORITA, Atsuki UMEGAKI and Yumiko UMEGAKI — Biquadratic number fields with large class numbers	335
Yasuo OHNO and Yoshitaka SASAKI — Recurrence formulas for poly-Bernoulli polynomials	353
Yasuo OHNO and Hirotsugu WAYAMA — Interpolated multiple zeta functions of Arakawa-Kaneko type	361

Biswajyoti SAHA, Ayyadurai SANKARANARAYANAN and Yuta SUZUKI — An asymptotic formula and some explicit estimates of the counting function of $y$ -friable numbers	367
Masatoshi SUZUKI — Integral operators arising from the Riemann zeta function	399