

CONTENTS

Memories

John COATES — Memories of Kenkichi Iwasawa	i
Ehud DE SHALIT — My recollections of Kenkichi Iwasawa	ix
Ralph GREENBERG — My memories of Iwasawa	xiii
Masato KURIHARA — Memories of Professor Iwasawa	xvii

Survey Articles

David LOEFFLER and Sarah Livia ZERBES — Euler systems with local conditions	1
Andreas NICKEL with an appendix by Henri JOHNSTON and Andreas NICKEL — Notes on noncommutative Fitting invariants	27
Xin WAN — Iwasawa theory for modular forms	61

Research Articles

Werner BLEY and Martin HOFER — Construction of elliptic \mathfrak{p} -units	79
David BURNS, Masato KURIHARA and Takamichi SANO — On Stark elements of arbitrary weight and their p -adic families	113
Kâzım BÜYÜKBODUK — Beilinson–Kato and Beilinson–Flach elements, Coleman–Rubin–Stark classes, Heegner points and a Conjecture of Perrin-Riou	141
Shih-Yu CHEN and Ming-Lun HSIEH — On primitive p -adic Rankin–Selberg L -functions	195
Samit DASGUPTA and Mahesh KAKDE — On the rank one Gross–Stark conjecture for quadratic extensions and the Deligne–Ribet q -expansion principle	243
Ralph GREENBERG and Vinayak VATSAL — Iwasawa theory for Artin representations I	255
Cornelius GREITHER — Iwasawa–Cohen–Lenstra heuristics	303

Cornelius GREITHER, Masato KURIHARA and Hibiki TOKIO — The second syzygy of the trivial G -module, and an equivariant main conjecture	317
Haruzo HIDA — Cyclicity of adjoint Selmer groups and fundamental units	351
Takenori KATAOKA — Fitting invariants in equivariant Iwasawa theory	413
Kazuya KATO — Height functions for motives, II	467
Shinichi KOBAYASHI and Kazuto OTA — Anticyclotomic main conjecture for modular forms and integral Perrin-Riou twists	537
David LOEFFLER, Christopher SKINNER and Sarah Livia ZERBES — Syntomic regulators of Asai-Flach classes	595
Yasushi MIZUSAWA and Gen YAMAMOTO — Iwasawa invariants and linking numbers of primes	639
Oliver THOMAS and Otmar VENJAKOB — On spectral sequences for Iwasawa adjoints à la Jannsen for families	655