

## TABLE OF CONTENTS

### VOLUME CIX

|   |     |
|---|-----|
| SEBASTIEN FERENCZI, ALBERT M. FISHER AND MARINA TALET — Minimality and unique ergodicity for adic transformations   | 1   |
| JANI ONNINEN AND KAI RAJALA — Quasiregular mappings to generalized manifolds  | 33  |
| JÉRÔME LE ROUSSEAU — Fourier-integral-operator product representation of solutions to first-order symmetrizable hyperbolic systems                        | 81  |
| I. CHYZHYKOV, J. HEITTOKANGAS AND J. RÄTTYÄ — Finiteness of $\varphi$ -order of solutions of linear differential equations in the unit disc               | 163 |
| ALEXANDRU ALEMAN AND OLIVIA CONSTANTIN — Spectra of integration operators on weighted Bergman spaces  | 199 |
| VLADIMIR YA. GUTLYANSKIĬ AND ANATOLY GOLBERG — On Lipschitz continuity of quasiconformal mappings in space  | 233 |
| JEAN BOURGAIN AND MEI-CHU CHANG — Sum-product theorems in algebraic number fields   | 253 |
| ÁRPÁD BÉNYI, CIPRIAN DEMETER, ANDREA R. NAHMOD, CHRISTOPH M. THIELE, RODOLFO H. TORRES AND PACO VILLARROYA — Modulation invariant bilinear $T(1)$ theorem | 279 |
| NIKOS FRANTZIKINAKIS — Equidistribution of sparse sequences on nilmanifolds   | 353 |