

## CONTENTS

<b>S. SEKI and S. YAMAMOTO</b> , Ohno-type identities for multiple harmonic sums . . . . .	673
<b>A. MARTINEZ and V. SORDONI</b> , Widths of highly excited resonances in multidimensional molecular predissociation . . . . .	687
<b>O. IYAMA and X. ZHANG</b> , Classifying $\tau$ -tilting modules over the Auslander algebra of $K[x]/(x^n)$ . . . . .	731
<b>G. SOLOMADIN</b> , Explicit constructions of bordism of Milnor hypersurface $H_{1,n}$ and $\mathbb{C}P^1 \times \mathbb{C}P^{n-1}$ . . . . .	765
<b>A. AYZENBERG</b> , Dimensions of multi-fan duality algebras . . . . .	777
<b>W. CHEN, C. X. ZHU, Y. H. ZUO and Y. JIAO</b> , Two-weighted estimates for positive operators and Doob maximal operators on filtered measure spaces . . . . .	795
<b>H. KATO and M. MATSUMOTO</b> , Finite-to-one zero-dimensional covers of dynamical systems . . . . .	819
<b>R. HUANG and J. WU</b> , Combinatorics of double loop suspensions, evaluation maps and Cohen groups . . . . .	847
<b>D. MOUSSARD and E. WAGNER</b> , A Fox–Milnor theorem for the Alexander polynomial of knotted 2-spheres in $S^4$ . . . . .	891
<b>E. BANNAI, G. NAVARRO, N. RIZO and P. H. TIEP</b> , Unitary $t$ -groups . . . . .	909
<b>H. A. MIYAZAWA, K. WADA and A. YASUHARA</b> , Generalized virtualization on welded links . . . . .	923
<b>R. N. ARAÚJO DOS SANTOS, M. F. RIBEIRO and M. TIBĂR</b> , Milnor–Hamm sphere fibrations and the equivalence problem . . . . .	945
<b>T. SOGABE</b> , The homotopy groups of the automorphism groups of Cuntz–Toeplitz algebras . . . . .	959
<b>M. MIYAZAKI</b> , Fiber cones, analytic spreads of the canonical and anticanonical ideals and limit Frobenius complexity of Hibi rings . . . . .	991