

ISSN 0027-7630

NAGOYA MATHEMATICAL JOURNAL

Volume 259

September 2025

Published by
Cambridge University Press on behalf of
Foundation Nagoya Mathematical Journal



NAGOYA MATHEMATICAL JOURNAL

Editors

Banica, Valeria
Sorbonne Université

Hesselholt, Lars (*Managing Editor*)
Nagoya University and
University of Copenhagen

Hirachi, Kengo
University of Tokyo

Honda, Ko
University of California, Los Angeles

Iyama, Osamu
Nagoya University

Kedlaya, Kiran
University of California, San Diego

Mathew, Akhil
University of Chicago

Russ, Emmanuel
Aix-Marseille Université

Tanimoto, Sho
Nagoya University

Associate Editors

Bona, Jerry L.
University of Illinois at Chicago

Fukaya, Kenji
Simons Center for Geometry and Physics, Stony Brook

Kondo, Shigeyuki
Nagoya University

Liu, Ruochuan
Peking University

Ma, Linquan
Purdue University

Mori, Shigefumi
RIMS, Kyoto University

Mukai, Shigeru
Chinese Academy of Sciences

Noguchi, Junjiro
University of Tokyo

Shoji, Toshiaki
Tongji University, Shanghai

Tamagawa, Akio
RIMS, Kyoto University

Toda, Yukinobu
IPMU, University of Tokyo

NAGOYA MATHEMATICAL JOURNAL

Volume 259

September 2025

CONTENTS

Nagaoka, M. Non-log liftable log del Pezzo surfaces of rank one in characteristic five	399
Bae, H. & Lee, S. A comparison of categorical and topological entropies on Weinstein manifolds	423
Ono, H., Sano, Y. & Yotsutani, N. Bott manifolds with vanishing Futaki invariants for all Kahler classes	453
Mishra, H. & Ray, A. On Malle's conjecture for the product of symmetric and nilpotent groups	473
Chen, X. Auslander–Iyama correspondence for exact dg categories.	499
Deng, H. & Gallardo, P. Eigenperiods and the moduli of points in the line	524
Fang, Y., Gubler, W. & Künnemann, K. On the non-Archimedean Monge–Ampère equation in mixed characteristic	548
Liu, Z. & Qing, C. Extension of cohomology classes for vector bundles with singular Hermitian metrics.	562
Alexeev, V., Engel, P., Garza, D. Z. & Schaffler, L. Compact moduli of Enriques surfaces of degree 2	581