

ISSN 0027-7630

NAGOYA MATHEMATICAL JOURNAL

Volume 243

September 2021

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



NAGOYA MATHEMATICAL JOURNAL

Editors

de Bouard, Anne
École Polytechnique, CMAP, Palaiseau

Gallagher, Isabelle
École Normale Supérieure, Paris

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

Kondo, Shigeyuki
Nagoya University

Ngô, Bảo Châu
University of Chicago

Takahashi, Ryo
Nagoya University

Associate Editors

Bona, Jerry L.
University of Illinois at Chicago

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

Liu, Ruochuan
Peking University

Mori, Shigefumi
RIMS, Kyoto University

Mukai, Shigeru
Chinese Academy of Sciences, China

Noguchi, Junjiro
University of Tokyo

Shoji, Toshiaki
Tongji University, Shanghai

Tamagawa, Akio
RIMS, Kyoto University

NAGOYA MATHEMATICAL JOURNAL

Volume 243

September 2021

CONTENTS

Egbert, A. and Hacon, C. D.: Invariance of certain plurigenera for surfaces in mixed characteristics	1
Inahama, Y. and Naganuma, N.: Asymptotic expansion of the density for hypoelliptic rough differential equation	11
Friedl, S. and Vidussi, S.: Virtual algebraic fibrations of Kähler groups	42
Lőrincz, A. C. and Perlman, M.: Equivariant \mathcal{D} -modules on alternating senary 3-tensors	61
Alekseevsky, D., Hasegawa, K. and Kamishima, Y.: Homogeneous Sasaki and Vaisman manifolds of unimodular Lie groups	83
Wei, J.: Repetitive equivalences and tilting theory	97
Zheng, Z.: Orbifold aspects of certain occult period maps	137
Huyghe, C., Schmidt, T. and Strauch, M.: Arithmetic structures for differential operators on formal schemes	157
Ito, T.: A nondegenerate exchange move always produces infinitely many nonconjugate braids	205
Isaev, A.: On the classification by Morimoto and Nagano	209
Dietrich, G.: CR-harmonic maps	222
Pintye, N. and Prendergast-Smith, A.: Effective cycles on some linear blowups of projective spaces	243
Lin, K.-N. and Shen, Y.-H.: On the conjecture of Vasconcelos for Artinian almost complete intersection monomial ideals	263
Camere, C., Cattaneo, Al. and Cattaneo, An.: Non-symplectic involutions on manifolds of $K3^{[n]}$ -type	278

Ishikawa, G., Kitagawa, Y., Tsuchida, A. and Yukuno, W.: Duality of (2, 3, 5)-distributions and Lagrangian cone structures	303
Chan, A. and Miemietz, V.: Coidempotent subcoalgebras and short exact sequences of finitary 2-representations.....	316