

NAGOYA MATHEMATICAL JOURNAL

Volume 218

June 2015

CONTENTS

Andrew Strangeway Quantum reconstruction for Fano bundles on projective space ..	1
Christophe Eyrat and Maria Aparecida Soares Ruas Deformations with constant Lê numbers and multiplicity of nonisolated hypersurface singularities	29
Jörg Brüdern and Olivier Robert Rational points on linear slices of diagonal hypersurfaces	51
Thorsten Holm and Peter Jørgensen Generalized friezes and a modified Caldero–Chapoton map depending on a rigid object	101
Tadashi Ochiai and Kazuma Shimomoto Bertini theorem for normality on local rings in mixed characteristic (applications to characteristic ideals)	125
Marco Cappiello, Todor Gramchev, and Luigi Rodino Decay estimates for solutions of nonlocal semilinear equations ..	175

NAGOYA MATHEMATICAL JOURNAL

Editors

Anne De Bouard
École Polytechnique, CMAP, Palaiseau

Kazuhiro Fujiwara
Nagoya University

Guy Henniart
Université Paris-Sud

Lars Hesselholt (*Managing Editor*)
Nagoya University

Osamu Iyama
Nagoya University

Shigeyuki Kondo
Nagoya University

François Loeser
Université Pierre et Marie Curie, Paris

Shin Nayatani
Nagoya University

Ken-ichi Yoshida
Nihon University, Tokyo

Associate Editors

Gérard Besson
Université Joseph Fourier, Grenoble

Jerry L. Bona
University of Illinois, Chicago

Kenji Fukaya
SCGP, Stony Brook University

Akihiko Gyoja
Nagoya University

Ko Honda
University of California, Los Angeles

Kiran S. Kedlaya
University of California, San Diego

Shigefumi Mori
RIMS, Kyoto University

Shigeru Mukai
RIMS, Kyoto University

Junjiro Noguchi
University of Tokyo

Toshiaki Shoji
Tongji University

Akio Tamagawa
RIMS, Kyoto University

Fred Weissler
Université Paris-Nord