ISSN 0027-7630

NAGOYA MATHEMATICAL JOURNAL

VOL. 142

June 1996

PUBLISHED BY GRADUATE SCHOOL OF POLYMATHEMATICS NAGOYA UNIVERSITY

https://doi.org/10.1017/S0027763000005584 Published online by Cambridge University Press

Correspondences concerning subscription, and back issues of the journal should be addressed to

KINOKUNIYA COMPANY LTD. 17-7 Shinjuku 3-chome, Shinjuku-ku Tokyo 163-91 JAPAN

The annual subscription price for 1996 is about \$362.00

Published by KINOKUNIYA COMPANY LTD. Tokyo, Japan

NAGOYA MATHEMATICAL JOURNAL

VOL. 142

June 1996

Editors

KAZUHIKO AOMOTO, YOSHIYUKI KITAOKA, RYOICHI KOBAYASHI, SHIGERU MUKAI, TAKEO OHSAWA, YOSHIHIRO SHIKATA (Managing Editor), AKIHIRO TSUCHIYA

Associate Editors

TADAHISA FUNAKI, TAKEYUKI HIDA, NOBORU ITO, TOMIO KUBOTA, SHIGEFUMI MORI, HISASI MORIKAWA, AKIHIKO MORIMOTO, KATUZI ONO, TOSHIKAZU SUNADA

PUBLISHED BY GRADUATE SCHOOL OF POLYMATHEMATICS NAGOYA UNIVERSITY

Nagoya Mathematical Journal is, in principle, the official organ of the Graduate School of Polymathematics, Nagoya University, designed solely for the publication of research papers. However, some invited papers and other original papers in mathematics from all over the world are also regularly published in Nagoya Mathematical Journal. Currently, 4 volumes are published each year.

All manuscripts should be typewritten in English, French, or German. Special letters such as bold-face, German, Greek, and script should be clearly distinguished. Mathematical symbols should appear in the standard style usual for mathematical literature.

Classification numbers from the American Mathematical Society's classification scheme should appear at the bottom of the first page of the manuscript.

Authors are requested to submit a copy with their original manuscript.

As soon as we receive a manuscript, a receipt will be sent to the author. When a manuscript has been sent to a referee, the author will receive another notice. These receipts and notices, however, do not mean anything regarding the acceptability of the paper for publication. If the editorial committee has decided to accept a paper, the author will receive a notice containing the number of the volume in which the paper will appear.

Each author, as well as each co-author, will have 100 reprints, while only one set of proof will be prepared per paper for proof-reading by the author(s). Therefore, a joint paper must carry instructions as to whom the proof should be sent.

The manuscript and general correspondence should be addressed to: Managing editor, Nagoya Mathematical Journal, Graduate School of Polymathematics, Nagoya University, Chikusa-ku, Nagoya, 464–01, Japan.

CONTENTS

Ohsawa, T.: A note on the variation of Riemann surfaces	1
Tsuji, H.: Global generation of adjoint bundles	5
Bădescu, L.: Algebraic Barth-Lefschetz theorems	17
Le, T.T.Q. and Murakami, J.: Kontsevich's integral for the Kauffman polynomial	39
Obata, N. and Wildberger, N. J.: Generalized hypergroups and orthogonal polynomials	67
Datskovsky, B. A.: On Dirichlet series whose coefficients are class numbers of binary quadratic forms	95
Sano, T.: Classification of non-Gorenstein Q-Fano <i>d</i> -folds of Fano index greater than $d - 2$	133
Wojtkowiak, Z.: Functional equations of iterated integrals with regular singularities	145
Maejima, M.: Limit theorems related to a class of operator-self-similar processes	161
Kitaoka, Y. and Suzuki, H.: Finite arithmetic subgroups of GL_n , IV	183