This journal was typeset by ${\rm IAT}_{\rm E}X$, with style files 'nmj.sty' written by Dr. Masashi Kubo. T_FX is a trademark of American Mathematical Society.

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

KINOKUNIYA COMPANY LTD. 17-7 Shinjuku 3-chome, Shinjuku-ku Tokyo 163-8636 JAPAN

The annual subscription price for 2000 is about \$230.00

Published by

KINOKUNIYA COMPANY LTD. Tokyo, Japan Nagoya Mathematical Journal is the official journal of the Graduate School of Mathematics, Nagoya University, designed solely for the publication of research papers. However, 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. Papers should be prepared using T_EX if possible, but only the printed hard copy should be submitted (2 copies). Authors submitting old-fashioned typescript are requested to clearly distinguish special symbols and letters such as bold-face, script, German and Greek letters. The editors may request the original T_EX files of papers accepted for publication. The journal's $LAT_{E}X$ style file and its manual can be obtained from the following URL.

http://www.math.nagoya-u.ac.jp/nmj/index.html

Papers should include

- (a) a short abstract of the contents,
- (b) classification numbers at the foot of page 1 according to the 2000 Mathematics Subject Classification, to be found in

http://www.ams.org/,

- (c) the author's coordinates, including e-mail address and Fax numbers,
- (d) for papers with long titles, the author's choice of running head (not longer than 40 characters).

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.

Authors submitting a joint paper must provide instructions as to which author is responsible for proof-reading (only one set of proofs will be provided). Each author, as well as each co-author will have 50 reprints.

The manuscript and general correspondence should be addressed to: Managing editor, Nagoya Mathematical Journal, Graduate School of Mathematics, Nagoya University, Chikusa-ku, Nagoya, 464-8602, Japan.

CONTENTS

Khare, C. and Prasad, D.: On the Steinitz module and capitula- tion of ideals	1
Machida, Y. and Sato, H.: Twistor theory of manifolds with Grass- mannian structures	17
Farnsteiner, R.: On the Auslander-Reiten quiver of an infinitesimal group	103
Nagase, H.: On a regularity property and a priori estimates for so- lutions of nonlinear parabolic variational inequalities	123
Kubota, T. and Oka, S.: On the decution of the class field theory from the general reciprocity of power residues	135
Heim, E. B.: Quotients of <i>L</i> -functions	143
Kim, H. K. and Hwang, H. J.: Values of zeta functions and class number 1 criterion for the simplest cubic fields	161
Oka, S.: On the unramified common divisor of discriminants of integers in a normal extension	181