ISSN 0386-5991

KODAI MATHEMATICAL JOURNAL

EDITED
BY
DEPARTMENT OF MATHEMATICS
TOKYO INSTITUTE OF TECHNOLOGY

Vol. 18, No. 1, March 1995

© DEPARTMENT OF MATHEMATICS
TOKYO INSTITUTE OF TECHNOLOGY

Oh-okayama, Meguro-ku, Tokyo

KODAI MATHEMATICAL JOURNAL

EDITORS

TAKAO FUJITA	TAKUO FUKUDA
ATSUSHI INOUE	KAZUYA KATO
SADAYOSHI KOJIMA	NOBUSHIGE KUROKAWA
SHIGEYUKI MORITA	MINORU MURATA
TOSHIHIKO NISHIMOTO	JUNJIRO NOGUCHI
MUTSUO OKA	TOKUZO SHIGA
SHUKICHI TANNO	SEIJI UKAI

COOPERATORS

AKITO FUTAKI	SHIHOKO ISHII
HIDEKAZU ITO	KAZUO MASUDA
REIKO MIYAOKA	SHIN-ICHIRO MIZUMOTO
TAKEHIKO MORITA	KEN'ICHI OHSHIKA
SHIN OZAWA	HIROSHIGE SHIGA
HAJIME TSUJI	KOHEI UCHIYAMA

This journal will appear three times yearly and publish papers in pure and applied mathematics.

Preparation of Manuscripts

1. Manuscripts should be submitted in English, and should be typewritten, using double or triple line-spacing, with generous margins.
2. All illustrations should be drawn on white paper, using Indian ink, and should be drawn to about twice the required size. Any lettering should be large and bold enough to be legible after the diagram has been reduced for printing.
3. Manuscripts (two copies) should be sent to the Editors,

Kodai Mathematical Journal,
Department of Mathematics,
Tokyo Institute of Technology,
Oh-okayama, Meguro-ku, Tokyo 152,
Japan.

Proofs and Reprints

Authors are asked to make clear the address to which correspondence and proofs for correction should be sent. One hundred free reprints of each paper will be provided.

Copyrights

All rights reserved under the universal copyright convention.

Publishing and Subscription Office

Kinokuniya Company Ltd.,
17-7 Shinjuku 3-chome, Shinjuku-ku,
Tokyo 163-91 Japan.

KODAI MATHEMATICAL JOURNAL

Vol. 18, 1995

EDITORS

TAKAO FUJITA
ATSUSHI INOUE
SADAYOSHI KOJIMA
SHIGEYUKI MORITA
MINORU MURATA
JUNJIRO NOGUCHI
TOKUZO SHIGA
SEIJI UKAI
TAKUO FUKUDA
KAZUYA KATO
NOBUSHIGE KUROKAWA
TAKAFUMI MURAI
TOSHIHIKO NISHIMOTO
MUTSUO OKA
SHUKICHI TANNO

COOPERATORS

AKITO FUTAKI
HIDEKAZU ITO
REIKO MIYAOKA
TAKEHIKO MORITA
SHIN OZAWA
HAJIME TSUJI
SHIHOKO ISHII
KAZUO MASUDA
SHIN-ICHIRO MIZUMOTO
KEN'ICHI OHSHIKA
HIROSHIGE SHIGA
KOHEI UCHIYAMA

© DEPARTMENT OF MATHEMATICS
TOKYO INSTITUTE OF TECHNOLOGY

Oh-okayama, Meguro-ku, Tokyo

KODAI MATHEMATICAL JOURNAL

The periodical, Kodai Mathematical Journal, is devoted to mathematics, pure and applied, and is published three times annually.

Editorial correspondence should be addressed to:

Department of Mathematics,
Tokyo Institute of Technology,
Oh-okayama, Meguro-ku,
Tokyo, Japan.

TABLE OF CONTENTS

ADACHI, YUKINOBU, A generalization of the big Picard theorem..... 408
BONOME, A., R. CASTRO, E. GARCIA-RIO, L. HERVELLA AND Y. MATSUSHITA, The Kähler-Einstein metrics on a K3 surface cannot be almost Kähler with respect to an opposite almost complex structure 506
CASTRO, R., cf. BONOME, A. 506
CHEN, GUANGHUA AND XIAORONG ZOU, Rigidity of compact submanifolds in a unit sphere 75
DRAGHICI, TEDI C., On some 4-dimensional almost Kähler manifolds..... 156
FUJIMOTO, HIROTAKA, Nevanlinna theory for minimal surfaces of parabolic type 377
GARCIA-RIO, E., cf. BONOME, A. 506
HERVELLA, L., cf. BONOME, A. 506
HU, SHOUCHUAN AND NIKOLAOS S. PAPAGEORGIOU, On nonlinear, nonconvex evolution inclusions 425
IKEDA, AKIRA, On the spectrum of homogeneous spherical space forms .. 57
ISHIHARA, HIRONOBU, On polarized manifolds of sectional genus three 328
ISHIKAWA, GOO AND TAKASHI NISHIMURA, Smooth retracts of Euclidean space 260
KATO, SHIN, Construction of n-end catenoids with prescribed flux..... 86
KENMOTSU, KATSUEI AND CHANGYU XIA, Intersections of minimal submanifolds in manifolds of partially positive curvature..... 242
KIM, EUN SUK, cf. KIM, TAE HWA..... 275
KIM, TAE HWA AND EUN SUK KIM, Iterative fixed points of non-Lipschitzian self-mappings 275
KOMIYA, KATSUHIRO, Equivariant critical point theory and set-valued genera 344
LÊ, DŨNG TRÁNG AND MUTSUO OKA, On resolution complexity of plane curves..... 1
LI, PING AND CHUNG-CHUN YANG, Some further results on the unique range sets of meromorphic functions 437
LI, XINGXIAO, Minimal immersions of S^2 into $S^{2m}(1)$ with degree $2m+2$ .. 351
MAEDA, HIDETOSHI, Nef line bundles on algebraic surfaces 187
MAKINO, TETU AND SEIJI UKAI, Local smooth solutions of the relativistic Euler equation, II 365
MASAOKA, HIROAKI, Harmonic dimension of covering surfaces, II 487
MATSUI, AKINORI, Stiefel-Whitney homology classes and Euler subspaces.. 481
MATSUSHITA, Y., cf. BONOME, A. 506
MUES, E. AND M. REINDERS, Meromorphic functions sharing one value and unique range sets 515
MUTO, HIDEO, Sobolev inequality and stability of minimal submanifolds.... 266

NISHIMURA, TAKASHI, cf. ISHIKAWA, GOO 260
NOGUCHI, JUNJIRO, A short analytic proof of closedness of logarithmic forms 295
OGATA, TAKASHI, Surfaces with parallel mean curvature vector in $P^3(C)$.. 397
OHTA, MASAHITO, Stability and instability of standing waves for one dimensional nonlinear Schrödinger equations with double power nonlinearity 68
OKA, MUTSUO, cf. LÊ, DŨNG TRÁNG 1
OTSUBO, REIKO AND KATSUMI SHIMOMURA, On some products of β-elements in the stable homotopy of L_2-local spheres 234
OZAWA, MITSURU AND KAZUNARI SAWADA, Picard constants of four-sheeted algebroid surfaces, I 99
OZAWA, MITSURU AND KAZUNARI SAWADA, Picard constants of four-sheeted algebroid surfaces, II 199
OZAWA, SHIN AND SUSUMU ROPPONGI, Singular variation of domains and continuity property of eigenfunction for some semi-linear elliptic equations 315
PAPAGEORGIOU, NIKOLAOS S., A continuous version of the relaxation theorem for nonlinear evolution inclusions 169
PAPAGEORGIOU, NIKOLAOS S., cf. HU, SHOUCHUAN 425
REINDERS, M., cf. MUES, E. 515
ROPPONGI, SUSUMU, On singular solutions for a semilinear elliptic equation 44
ROPPONGI, SUSUMU, cf. OZAWA, SHIN 315
SAKAKI, MAKOTO, Riemannian structures and the codimension of exceptional minimal surfaces in H^n and R^n 475
SAWADA, KAZUNARI AND KAZUYA TOHGE, A remark on three-sheeted algebroid surfaces whose Picard constants are five 142
SAWADA, KAZUNARI, cf. OZAWA, MITSURU 99
SAWADA, KAZUNARI, cf. OZAWA, MITSURU 199
SHIMOMURA, KATSUMI, cf. OTSUBO, REIKO 234
TANABE, MASAHARU, Automorphisms of ramified coverings of Riemann surfaces 284
TODA, NOBUSHIGE, On the order of holomorphic curves with maximal deficiency sum 451
TOHGE, KAZUYA, cf. SAWADA, KAZUNARI 142
UEDA, HIDEHARU, Unicity theorems for meromorphic functions sharing five or six values in some sense 494
UKAI, SEIJI, cf. MAKINO, TETU 365
XIA, CHANGYU, cf. KENMOTSU, KATSUEI 242
YANG, CHUNG-CHUN, cf. LI, PING 437
YI, HONG-XUN, Unicity theorems for meromorphic functions that share three values 300
ZHONG, HUALIANG, Entire functions that share one value with their derivatives 250
ZHU, JINGHAO, Hayman direction of meromorphic functions 37
ZOU, XIAORONG, cf. CHEN, GUANGHNA 75