

NAGOYA  
MATHEMATICAL JOURNAL

VOL. 41

February 1971

PUBLISHED BY  
MATHEMATICAL INSTITUTE, FACULTY OF SCIENCE  
NAGOYA UNIVERSITY

All communications relating to this publication should be addressed to the Editors of the Nagoya Mathematical Journal, Mathematical Institute, Nagoya University, Chikusa-ku, Nagoya, Japar

NAGOYA  
MATHEMATICAL JOURNAL

VOL. 41

February 1971

Edited by

TAKEYUKI HIDA, NOBORU ITO, TOMIO KUBOTA, SIGEKATU KURODA,  
HIDEYUKI MATSUMURA, HISASI MORIKAWA, AKIHIKO MORIMOTO,  
KIYOSHI NOSHIRO, KATUZI ONO, YOSHIHIRO SHIKATA,  
KÔSAKU YOSIDA

PUBLISHED BY  
MATHEMATICAL INSTITUTE, FACULTY OF SCIENCE  
NAGOYA UNIVERSITY

## CONTENTS

---

An Elementary Proof of Abramov's Result on the Entropy of a Flow. .....S. ITO	1
Hypoelliptic Overdetermined Systems with Variable Coefficients. .. .....Y. HASHIMOTO	7
Remarks on the Angular Derivative. ....S.E. WARSCHAWSKI	19
The Cauchy Problem of Linear Parabolic Equations with Discontinu- ous and Unbounded Coefficients. ....Y. IKEDA	33
On the Differentiability of Conformal Maps at the Boundary. .... .....B.G. EKE	43
Some Groups Whose $S_3$ -Subgroups Have Maximal Class. ...ED. CLINE	55
Invariants of Certain Groups <i>I</i> . ....T. MIYATA	69
A Construction of Meromorphic Functions with Prescribed Asympto- tic Behavior. ....J.L. STEBBINS	75
Solvability of a Class of Rank 3 Permutation Groups. ...D.G. HIGMAN	89
$G_a$ -Action of the Affine Plane. ....M. MIYANISHI	97
A Note on Holomorphic Vector Bundles Over Complex Tori. .... .....H. MORIKAWA	101
Sur la Différentiabilité et la Continuité des Potentiels Associés en Valeur Principale à Noyaux Singuliers et $M$ -Fois Régulari- sant. ....Y. ITO	107
Sur le Principe Classique du Maximum Pour les Noyaux de Convo- lution Symétriques. ....M. ITO	121
On Asymptotic Values of Slowly Growing Algebroid Functions. .... .....J. SUZUKI	135
Ramification Theory for Extensions of Degree $p$ . ....S. WILLIAMSON	149
On the Finite Subgroups of $GL(3, Z)$ . ....K. TAHARA	169