

昭和五十四年三月二十日 印刷
昭和五十四年三月二十六日 発行

編 集 者 廣 島 大 学 理 学 部
發 行 者 数 学 教 室

印 刷 者 增 田 訓 清
広島市十日市町2丁目3番23号

印 刷 所 大 学 印 刷 株 式 会 社
広島市十日市町2丁目3番23号

PRINTED BY
DAIGAKU INSATSU CO., LTD.
HIROSHIMA, JAPAN

CONTENTS

	PAGE
R. K. JAIN: Structure of Rings Satisfying (Hm) and (Ham)	1
N. YAMADA: Estimates on the Support of Solutions of Elliptic Variational Inequalities in Bounded Domains	7
M. MORI: The Steenrod Operations in the Eilenberg-Moore Spectral Sequence	17
I. STEWART: The Minimal Condition for Subideals of Lie Algebras Implies that Every Ascendant Subalgebra is a Subideal	35
N. KAMIYA: On the Jacobson Radicals of Infinite Dimensional Lie Algebras ..	37
E. TSUKADA and R. WASHIYAMA: S^1 -Actions on Cohomology Complex Projective Spaces with Three Components of the Fixed Point Sets	41
A. KAWAUCHI: On n -Manifolds whose Punctured Manifolds are Imbeddable in $(n+1)$ -Spheres and Spherical Manifolds	47
H. MATSUSHIMA and K. OKAMOTO: Non-Existence of Torsion Free Flat Connections on a Real Semisimple Lie Group	59
M. KOHNO: A Two Point Connection Problem	61
Y. HIRANO and H. TOMINAGA: Regular Rings, V -Rings and their Generalizations	137
T. IKEDA and Y. KASHIWAGI: Some Properties of Hypercentral Lie Algebras	151
T. IKEDA and Y. KASHIWAGI: Extension Theorems on Some Generalized Nilpotent Lie Algebras	157
H. TANAKA: Stochastic Differential Equations with Reflecting Boundary Condition in Convex Regions	163
H. YANAGIHARA: On Group Theoretic Properties of Cocommutative Hopf Algebras	179
Y. HAYASHI: On <i>a posteriori</i> Error Estimation in the Numerical Solution of Systems of Ordinary Differential Equations	201
BUI HUY QUI: Harmonic Functions, Riesz Potentials, and the Lipschitz Spaces of Herz	245
B. SINGH: A Correction to "Forced Oscillations in General Ordinary Differential Equations with Deviating Arguments"	297