

PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A

MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
O. YAMADA: A Remark on the Essential Self-adjointness of Dirac Operators	327
T. NOMURA: Representations of a Solvable Lie Group on $\bar{\partial}$, Cohomology Spaces	331
X. CHEN: Uniqueness of the ω -limit Point of Solutions of a Semilinear Heat Equation on the Circle	335
G. NIKAIIDO: Product of Linear Operators with Closed Range	338
K. MORIMOTO: A Note on Heegaard Splittings of Non-orientable Surface Bundles over S^1	341
H. O. KIM: On Closed Maximal Ideals of M	343
H. ICHIMURA: A Note on a Global Version of the Coleman Embedding	347
M. KRASNER and M. VUKOVIĆ: Structures paragraduées (groupes, anneaux, modules). I	350
S. KONDŌ: On Algebraic $K3$ Surfaces with Finite Automorphism Groups	353
S. KONDŌ: On Automorphisms of Algebraic $K3$ Surfaces which Act Trivially on Picard Groups	356

(Continued on Back Cover)

THE JAPAN ACADEMY

(THE IMPERIAL ACADEMY OF JAPAN TILL DEC., 1947)

ACTING PRESIDENT: Yoshitaro WAKIMURA
SECRETARY-GENERAL: Yoshitaro WAKIMURA
CHAIRMAN OF SECTION I: Yoshitaro WAKIMURA
CHAIRMAN OF SECTION II: Seiji KAYA

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Setsuro EBASHI (<i>Pharmacology and Biophysics</i>)	Tsunahiro KIKUI (<i>Law of Civil Procedure</i>)
Yoshio FUJITA (<i>Astronomy</i>)	Fumio NAKAJIMA (<i>English Linguistics</i>)
Shinji FUKUI (<i>Mechanical Engineering</i>)	Kiyoshi TAKEWAKI (<i>Endocrinology</i>)
Naohide HIRATSUKA (<i>Plant Pathology and Mycology</i>)	Takao TSUCHIYA (<i>Economic History of Japan</i>)
Teiji ICHIKO (<i>Japanese Literature</i>)	Yuzo YAMADA (<i>Economics</i>)
Yasuji KATSUKI (<i>Physiology</i>)	Kisaburo YOKOTA (<i>Public International Law</i>)
Masaakira KATSUMOTO (<i>Civil Law and Copyright Law</i>)	Kôzaku YOSIDA (<i>Mathematics</i>)

NOTES

The papers printed in the Proceedings are generally résumés, while the publication of the full texts is left to the respective authors' choice.

All communications relating to the Proceedings should be addressed to the Secretary-General at the Office of the Academy, Ueno Park, Tokyo, 110.

Those who desire for particular articles may apply for their reprints to the respective authors.

Agents: Maruzen Co. Ltd., 3-10, Nihonbashi 2 Chome, Chuo-ku, Tokyo, 103