

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
S. SANO: The Plancherel Formula for the Symmetric Space G_C/G_R	265
T. ANDO: An Example of an Exceptional $(-2n-1, n)$ -curve in an Algebraic 3-fold	269
T. YOSHINO: On the Unitary Part of Dominant Contractions	272
R. A. MOLLIN: On the Divisor Function and Class Numbers of Real Quadratic Fields. II	274
R. WADA: A Uniqueness Set for Linear Partial Differential Operators with Real Coefficients	278
S. OMATA and Y. YAMAURA: A Free Boundary Problem for Nonlinear Elliptic Equations	281
T. NAMBU: On Fractional Powers of a Class of Elliptic Differential Operators with Feedback Boundary Conditions	287
A. FUJII: On a Theorem of Landau. II	291
I. YAKABE: Regular Duo Elements of Abstract Affine Near-rings	297
S.-I. KATAYAMA and S.-G. KATAYAMA: On Certain Real Quadratic Fields with Class Numbers 3 and 5	300
Proceedings at the 843rd General Meeting	XXXVII

THE JAPAN ACADEMY

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

PRESIDENT: Yoshitaro WAKIMURA

SECRETARY-GENERAL: Yoshio FUJITA

CHAIRMAN OF SECTION I: Teiji ICHIKO

CHAIRMAN OF SECTION II: Masao KOTANI

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Setsuro EBASHI (<i>Pharmacology and Biophysics</i>)	Tsunahiro KIKUI (<i>Law of Civil Procedure</i>)
Naohide HIRATSUKA (<i>Plant Pathology and Mycology</i>)	Motoo KIMURA (<i>Genetics</i>)
Teiji ICHIKO (<i>Japanese Literature</i>)	Takeo NAGAMIYA (<i>Solid State Physics</i>)
Shokichi IYANAGA (<i>Mathematics</i>)	Fumio NAKAJIMA (<i>English Linguistics</i>)
Yasuji KATSUKI (<i>Physiology</i>)	Shunzo OKAMOTO (<i>Civil Engineering</i>)
Masaakira KATSUMOTO (<i>Civil Law and Copyright Law</i>)	Yuzo YAMADA (<i>Economics</i>)
	Kisaburo YOKOTA (<i>Public International Law</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