

PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A

MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
S. KAIZU: Upper Semicontinuity of Eigenvalues of Selfadjoint Operators Defined on Moving Domains	243
J. TAKEUCHI: First Hitting Time for Bessel Processes	246
Y. SATO: On Riemann Type Integral of Functions with Values in a Certain Fréchet Space	249
Y. SHIZUTA and S. KAWASHIMA: The Regularity of Discrete Models of the Boltzmann Equation	252
H. TAHARA: Asymptotic Expansions of Solutions of Fuchsian Hyperbolic Equations in Spaces of Functions of Gevrey Classes	255
M. YOSHINO: On Sufficient Conditions for Convergence of Formal Solutions	259
N. KUROKAWA: On an Euler Product Ring	262
T. URABE: Dynkin Graphs and Combinations of Singularities on Quartic Surfaces	266
S. TSUBOI: Locally Trivial Displacements of Analytic Subvarieties with Ordinary Singularities	270
N. HIRATA: Dépendance linéaire de fonctions arithmétiques et presque arithmétiques	274

(Continued on Back Cover)

THE JAPAN ACADEMY

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

PRESIDENT: Hiromi ARISAWA

SECRETARY-GENERAL: Kenjiro KIMURA

CHAIRMAN OF SECTION I: Taro SAKAMOTO

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>)	Kôsaku 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