

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
H. ICHIMURA: Construction of Certain Maximal p -ramified Extensions over Cyclotomic Fields	123
N. HIRATA-KOHNO: Diophantine Approximations for Periods of Exponential and Elliptic Functions	126
T. ONO: A Note on the Artin Map. II	132
A. SASAO: On Certain Homotopy-homomorphic Elements of $\pi_{n+1}(X)$	137
R. A. MOLLIN and H. C. WILLIAMS: Solution of a Problem of Yokoi	141
M. NOUMI and K. MIMACHI: Askey-Wilson Polynomials and the Quantum Group $SU_q(2)$	146
A. IVIĆ and Y. MOTOHASHI: A Note on the Mean Value of the Zeta and L -functions. VII	150
S. YOKURA: On a Generalization of MacPherson's Chern Homology Class. II	153
S. TSUBOI: Deformations of Complex Analytic Subspaces with Locally Stable Parametrizations of Compact Complex Manifolds	157
Award of Medals	XI
Proceedings at the 840th General Meeting	XXX

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>)
Shinji FUKUI (<i>Mechanical Engineering</i>)	Motoo KIMURA (<i>Genetics</i>)
Naohide HIRATSUKA (<i>Plant Pathology and Mycology</i>)	Takeo NAGAMIYA (<i>Solid State Physics</i>)
Teiji ICHIKO (<i>Japanese Literature</i>)	Fumio NAKAJIMA (<i>English Linguistics</i>)
Yasuji KATSUKI (<i>Physiology</i>)	Yuzo YAMADA (<i>Economics</i>)
Masaakira KATSUMOTO (<i>Civil Law and Copyright Law</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