

PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A

MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
S. OZAWA: Random Media and Quasi-Classical Limit of Schrödinger Operator	43
T. IKEDA: Stationary Solutions of a Spatially Aggregating Population Model	46
Y. HIGUCHI: A Remark on the Global Markov Property for the d -Dimensional Ising Model	49
T. KAKO: On the Essential Spectrum of MHD Plasma in Toroidal Region	53
N. KÔNO: 4-Dimensional Brownian Motion is Recurrent with Positive Capacity	57
T. KOBAYASHI: On the Prolongation of Solutions for Quasilinear Differential Equations	60
M. HARADA and A. KONO: Cohomology mod p of the 4-Connective Fibre Space of the Classifying Space of Classical Lie Groups	63
K. KAWAKUBO: Representations over G -Rings and Cohomology	66
K. YANO: The Support of Global Graph Links	70
S. NAKANO: On Ideal Class Groups of Algebraic Number Fields	74
Proceedings at the 776th General Meeting	III

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: Hitoshi KIHARA

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Yoshio FUJITA (<i>Astronomy</i>)	Fumio NAKAJIMA (<i>English Linguistics</i>)
Naohide HIRATSUKA (<i>Plant Pathology and Mycology</i>)	Teizo OGAWA (<i>Anatomy, Neurology and Medical History</i>)
Teiji ICHIKO (<i>Japanese Literature</i>)	Kazuo OKOCHI (<i>Labour Problem</i>)
Yasuji KATSUKI (<i>Physiology</i>)	Takayuki SOMIYA (<i>Applied Chemistry and Technical Analysis</i>)
Masaakira KATSUMOTO (<i>Civil Law and Copyright Law</i>)	Takao TSUCHIYA (<i>Economic History of Japan</i>)
Tsunahiro KIKUI (<i>Law of Civil Procedure</i>)	Kisaburo YOKOTA (<i>Public International Law</i>)
Teiichi KOBAYASHI (<i>Historical Geology and Palaeontology</i>)	Kôsaku YOSIDA (<i>Mathematics</i>)
Masao KOTANI (<i>Physics and Biophysics</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