PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—	
	Page
M. JIMBO and T. MIWA: Studies on Holonomic Quantum Fields. XIII	115
S. OZAWA: The Eignevalues of the Laplacian and Perturbation of	
Boundary Condition	121
M. TANIKAWA: The Spectrum of the Laplacian and Smooth Deforma-	
tion of the Riemannian Metric	125
Y. OHNO and K. YABUTA: A Theorem of Helson and Sarason in	
Uniform Algebras	128
T. UKEGAWA: On the Unique Maximal Idempotent Ideals of Non-	
Idempotent Multiplication Rings	132
T. ÔAKU: Micro-Local Cauchy Problems and Local Boundary Value	
Problems	136
I. IWASAKI and K. KATASE: On the Spectra of Laplace Operator on A*	
(S^n)	141
K. MAEHARA: Family of Varieties Dominated by a Variety	
H. Yoshihara: On Plane Rational Curves	152
Proceedings at the 728th General Meeting	IX

Published by the Japan Academy
Ueno Park, Tokyo

THE JAPAN ACADEMY

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

PRESIDENT: Kiyoo WADATI

SECRETARY-GENERAL: Hiromi ARISAWA

CHAIRMAN OF SECTION I: Kisaburo Yokota

CHAIRMAN OF SECTION II: Chuji TSUBOI

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Hiromi Arisawa (Economics and Kazuo On

Statistics)

Yoshio Fujita (Astronomy)
Yasuji Katsuki (Physiology)

Masaakira Katsumoto (Civil Law and Copyright Law)

Tsunahiro Kikui (Law of Civil Procedure)

Teiichi Kobayashi (Historical Geology and Palaeontology)

Masao Kotani (Physics)

Teizo OGAWA (Anatomy, Neurology and Medical History)

Kazuo Okochi (Labour Problems)

Takeshi Saito (English Literature)

Taro Sakamoto (Japanese History)

Takayuki Somiya (Applied Chemistry and Technical Analysis)

Sankichi Takei (Agricultural Chemistry and Chemistry of Pesticide)

Moritaro YAMADA (Economics)

Kisaburo Yokota (Public International Law)

Kôsaku Yosida (Mathematics)

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