PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—	
-	Page
Y. MOTOHASHI: On the Deuring-Heilbronn Phenomenon. I	1
Y. SHIZUTA and K. ASANO: Global Solutions of the Boltzmann Equation	
in a Bounded Convex Domain	3
M. SATO, T. MIWA, and M. JIMBO: Studies on Holonomic Quantum	
Fields. I	6
G. IKEGAMI: Topologically Unequivalent Diffeomorphisms Whose Sus-	•
pensions Are C^{∞} Equivalent	11
S. Koshitani: On the Nilpotency Indices of the Radicals of Group	
Algebras of p-Solvable Groups	13
M. YAMAMOTO: On the Homogeneous Linear Systems of Differential	10
Equations with Variable Coefficients	17
Y. OKUNO and M. YAMAMOTO: On the Relations between the Stability	Τ,
of Linear Systems and the Characteristic Roots of the Coefficient	
Matrix	01
Y. MOTOHASHI: On the Deuring-Heilbronn Phenomenon. II	
T. FUJITA: Some Remarks on Kodaira Dimensions of Fibre Spaces	
T. MABUCHI: Algebraic Threefolds with Ample Tangent Bundle	
K. AOMOTO: On the Acyclicity of Free Cobar Constructions. I	35
K. HATADA: On the Divisibility by 2 of the Eigenvalues of Hecke	
Operators	37
Proceedings at the 708th General Meeting	I

Published by the Japan Academy Ueno Park, Tokyo

THE JAPAN ACADEMY

(THE IMPERIAL ACADEMY OF JAPAN TILL DEC., 1974)

PRESIDENT: Kiyoo WADATI

SECRETARY-GENERAL: Hiromi ARISAWA

CHAIRMAN OF SECTION I: Kisaburo YOKOTA

CHAIRMAN OF SECTION II:

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Hiromi Arisawa (Economics and Statistics)

Yoshio FUJITA (Astronomy)

Yasuji KATSUKI (Physiology)

Masaakira Katsumoto (Civil Law and Copyright Law)

Tsunahiro Kikui (Law of Civil Procedure)

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