PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Daners	Commun	icated
rabers	Commun	icateu:

Page
K. Yosida: A Note on the Fundamental Theorem of Calculus 241
S. OZAWA: Singular Hadamard's Variation of Domains and Eigen-
values of the Laplacian. II
M. Yoshino: On the Solvability of Nonlinear Goursat Problems 247
K. ASADA: On the L^2 Boundedness of Fourier Integral Operators in \mathbb{R}^n 249
S. SAKATA and M. YAMAMOTO: Further Results on the Boundedness
and the Attractivity Properties of Nonlinear Second Order Dif-
ferential Equations
K. SAKAI: Images of l_2 -Manifolds under Approximate Fibrations 260
T. TSUDA: On Ranked Linear Spaces. I
A. GYOJA: A Generalized Poincaré Series Associated to a Hecke Algebra
of a Finite or p-Adic Chevalley Group
T. IBUKIYAMA: On Symplectic Euler Factors of Genus Two 271
Y. KAKIICHI: A Construction of Lie-Graded Algebras by Graded Gener-
alized Jordan Triples of Second Order
M. Arai: On Voroni's Theory of Cubic Fields. II 281
Proceedings at the 749th General Meeting

Published by the Japan Academy Ueno Park, Tokyo

THE JAPAN AGADEMY

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

PRESIDENT: Hiromi ARISAWA

SECRETARY-GENERAL: Chuji TSUBOI

CHAIRMAN OF SECTION I: Taro SAKAMOTO

CHAIRMAN OF SECTION II: Hitoshi KIHARA

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Hiromi Arisawa (Economics and Kazu

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)

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