PROCEEDINGS

OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers	Communicated:—	
	F	age
R.	A. Mollin: Orders in Quadratic Fields. I	45
M.	NAKAJIMA: Shifted Divisor Problem and Random Divisor Problem	49
Y.	KOYA: A Generalization of Tate-Nakayama Theorem by Using Hyper-	
	cohomology	53
M.	TOKI: On Non-starlikeness of Teichmüller Spaces	5 8
N.	Toda: Some Generalizations of the Unicity Theorem of Nevanlinna	61
M.	K. AOUF: New Criteria for Multivalent Meromorphic Starlike Functions of	
	Order Alpha	66
K.	ÖEDA: Periodic Solutions of the 2-dimensional Heat Convection Equations	71
T.	SHIROTA and T. YANAGISAWA: A Continuation Principle for the 3-D Euler	
	Equations for Incompressible Fluids in a Bounded Domain	77
Proceed	dings at the 867th General Meeting	v

Published by the Japan Academy
Ueno Park, Tokyo

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: Naohide HIRATSUKA

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

Setsuro EBASHI (Pharmacology and Motoo KIMURA (Genetics)

Biophysics)

Masanao Matsui (Agricultural Chemistry)
Teiji Ichiko (Japanese Literature)

Takeo NAGAMIYA (Solid State Physics)
Shokichi IYANAGA (Mathematics)

Yasuji Katsuki (Physiology)

Fumio Nakajima (English Linguistics)

Shunzo Okamoto (Civil Engineering)

Masaakira Katsumoto (Civil Law and Copyright Law) Yuzo Yamada (Economics)

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