

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
A. KODAMA: On Boundedness of Circular Domains	227
K. MIYAJIMA and S. TSUBOI: Logarithmic Deformations of Holomorphic Maps and Equisingular Displacements of Surfaces with Ordinary Singularities	231
S. NAKAJIMA: On Invariant Differential Operators on Bounded Symmetric Domains of Type IV	235
T. KIMURA and I. OZEKI: On the Microlocal Structure of a Regular Prehomogeneous Vector Space Associated with $Spin(10) \times GL(3)$	239
T. SUZUKI: On a Certain Inverse Problem for the Heat Equation on the Circle	243
Y. OSHIME: Nonlinear Perron-Frobenius Problem. An Extension of Morishima's Theorem	246
M. ITO: On \mathcal{E} -Product of Spaces which have a σ -Almost Locally Finite Base	250
T. MIWA: Retraction and Extension of Mappings of M_1 -Spaces	253
M. HARA: The Corona Problem on 2-Sheeted Disks	256
S. YAMAGAMI: Čech Cohomology of Foliations and Transverse Measures	258

(Continued on Back Cover)

Published by the Japan Academy
Ueno Park, Tokyo

THE JAPAN ACADEMY

(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

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