

**PROCEEDINGS**  
**OF THE**  
**JAPAN ACADEMY**

---

**SERIES A**  
**MATHEMATICAL SCIENCES**

---

**CONTENTS**

**Papers Communicated:—**

	<b>Page</b>
S. MORITA: Cartan Connection and Characteristic Classes of Foliations . . . . .	211
N. ODA: On the 2-Components of the Unstable Homotopy Groups of Spheres. II . . . . .	215
M. SATO, T. MIWA, and M. JIMBO: Studies on Holonomic Quantum Fields. V . . . . .	219
K. UCHIYAMA: The Behavior of Solutions of the Equation of Kolmogorov-Petrovsky-Piskunov . . . . .	225
H. URAKAWA: On the Least Positive Eigenvalue of the Laplacian for Riemannian Manifolds . . . . .	229
A. MATSUMURA: Energy Decay of Solutions of Dissipative Wave Equations . . . . .	232
M. EGUCHI and K. OKAMOTO: The Fourier Transform of the Schwartz Space on a Symmetric Space . . . . .	237
<b>Proceedings at the 714th General Meeting . . . . .</b>	<b>XIII</b>

# 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 ( <i>Economics and Statistics</i> )	Takeshi SAITO ( <i>English Literature</i> )
Yoshio FUJITA ( <i>Astronomy</i> )	Taro SAKAMOTO ( <i>Japanese History</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> )	Moritaro YAMADA ( <i>Economics</i> )
Teizo OGAWA ( <i>Anatomy, Neurology and Medical History</i> )	Kisaburo YOKOTA ( <i>Public International Law</i> )
Kazuo OKOCHI ( <i>Labour Problems</i> )	Kôzaku YOSIDA ( <i>Mathematics</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., 8-10, Nihonbashi 2 Chome, Chuo-ku, Tokyo, 103