

APRIL, 1990

VOL. LXVI, Ser. A, No. 4

PJAADT 66A(4) 97-104 (1990)

ISSN 0386-2194

# PROCEEDINGS OF THE JAPAN ACADEMY

---

SERIES, A  
MATHEMATICAL SCIENCES

---

## CONTENTS

### Papers Communicated—:

|   | Page |
|---|------|
| A. FUJII: On the Gaps between the Consecutive Zeros of the Riemann<br>Zeta Function . . . . .                                       | 97   |
| Y. MORITA: A Note on the Hilbert Irreducibility Theorem. The Irre-<br>ducibility Theorem and the Strong Approximation Theorem . . . | 101  |
| Proceedings at the 838th General Meeting . . . . .  | VII  |

---

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: Masao KOTANI

## PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL

|  |   |
|--|---|
| Setsuro EBASHI ( <i>Pharmacology and<br/>Biophysics</i> )      | Tsunahiro KIKUI ( <i>Law of Civil<br/>Procedure</i> )   |
| Shinji FUKUI ( <i>Mechanical Engineering</i> )                 | Motoo KIMURA ( <i>Genetics</i> )                        |
| Naohide HIRATSUKA ( <i>Plant Pathology<br/>and Mycology</i> )  | Takeo NAGAMIYA ( <i>Solid State Physics</i> )           |
| Teiji ICHIKO ( <i>Japanese Literature</i> )                    | Fumio NAKAJIMA ( <i>English Linguistics</i> )           |
| Yasuji KATSUKI ( <i>Physiology</i> )                           | Yuzo YAMADA ( <i>Economics</i> )                        |
| Masaakira KATSUMOTO ( <i>Civil Law and<br/>Copyright Law</i> ) | Kisaburo YOKOTA ( <i>Public International<br/>Law</i> ) |
|  | Kôsaku 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., 3-10, Nihonbashi 2 Chome, Chuo-ku, Tokyo, 103