

**JUNE
1997**

VOL.LXXIII,SER.A,No.6 PJAADT 73A(6) 97-122(1997) ISSN 0386-2194

**PROCEEDINGS
OF THE
JAPAN
ACADEMY**

SERIES A MATHEMATICAL SCIENCES

**Published by the Japan Academy
Ueno Park, Tokyo**



THE JAPAN ACADEMY

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

PRESIDENT: Yoshio FUJITA
SECRETARY-GENERAL: Teiji ICHIKO
CHAIRMAN OF SECTION I: Mikio SUMIYA
CHAIRMAN OF SECTION II: Setsuro EBASHI

PUBLICATION COMMITTEE

CHAIRMAN: THE SECRETARY-GENERAL
MANAGING EDITOR: Setsuro EBASHI

Shigemitsu DANDO (*Criminal Law and Procedure*)
Setsuro EBASHI (*Pharmacology and Biophysics*)
Sueo IKEHARA (*Private International Law*)
Kiyosi ITÔ (*Mathematics*)
Noburô KAMIYA (*Cell Biology*)
Masanao MATSUI (*Agricultural Chemistry*)
Takeo NAGAMIYA (*Solid State Physics*)

Hajime NAKAMURA (*Indian and Comparative Philosophy*)
Tsutomu OUCHI (*Economic Theory, Economic Policy*)
Takashi SUGIMURA (*Biochemistry, Oncology*)
Shigejiro TABATA (*International Law*)
Masami TOBARI (*German Literature*)
Sakae YAMAMURA (*Electrical Engineering*)

NOTES

The Proceedings of the Japan Academy, Series A, publishes the original papers in Mathematical Sciences communicated by the Members of the Japan Academy at its General Meetings held every month except in July and August. The paper should be submitted in duplicate in clearly typewritten manuscript or computer prepared compuscript in English, French or German. The submitted manuscript or compuscript will not be returned. The length of each paper, which may be résumé of a full paper to be published elsewhere, is limited to 6 printed pages. The author (or the group of authors) of each article will receive 50 reprints free of charge.

Editorial correspondences should be addressed to:

Managing Editor, The Japan Academy, 7-32 Ueno Park, Taito-ku, Tokyo 110, Japan

Agents (for subscription):

Maruzen Co. Ltd., 2-3-10 Nihonbashi, Chuo-ku, Tokyo 103, Japan