

PROCEEDINGS AT THE 871ST GENERAL MEETING

The 871st General Meeting of the Academy was held on Monday, September 13, 1993, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty members were present, and the following communications were made:

- On the six kinds of the Chinese characters Rokurō KŌNO, M. J. A.
 Der Eigenschaftsirrthum des Gegenstandes Tetsu ISOMURA, M. J. A.
 Biological effect of 9-*cis*-retinoic acid and 9, 13-di-*cis*-retinoic acid on human acute promyelocytic leukemia cell line HL-60
 Akira MURAYAMA, Takakazu SUZUKI, and Masanao MATSUI, M. J. A.
 A class of norms on the spaces of Schwarzian derivatives and its applications.
 Toshiyuki SUGAWA
 Singular variation of non-linear eigenvalues. II Tatsuzo OSAWA and Shin OZAWA
 Error estimation of Newmark's method for conservative second order linear evolution equation Mihoko MATSUKI and Teruo USHIJIMA
 On the structure of Painlevé transcendents with a large parameter
 Takahiro KAWAI and Yoshitsugu TAKEI
 Large-time existence of surface waves of compressible viscous fluid
 Naoto TANAKA and Atsushi TANI
 Above five, communicated by Kiyosi Itô, M. J. A.
 Identification of *Drosophila* thorax proteins and their distribution in two types of muscles Yoshiharu TANAKA
 Communicated by Setsuro EBASHI, M. J. A.
 Threshold stress for high-temperature deformation of dispersion-strengthened alloys Hideharu NAKASHIMA, Fuyuki YOSHIDA, Kunihiro NOGUCHI, and Hideo YOSHINAGA
 Effects of concurrent irradiation with ions and electrons on accumulation process of damage cascades in germanium and silicon.
 Hiroaki ABE, Chiken KINOSHITA, Yasutaka DENDA, and Takeshi SONODA
 Above two, communicated by Ryukiti HASIGUTI, M. J. A.
 On the order of strongly starlikeness of strongly convex functions.
 Mamoru NUNOKAWA
 Gauss decomposition of connection matrices and application to Yang-Baxter equation. I Kazuhiko AOMOTO and Yoshifumi KATO
 A remark on the limiting absorption method for Dirac operators
 Osanobu YAMADA
 Flat structure for the simple elliptic singularity of type \tilde{E}_6 and Jacobi form
 Ikuo SATAKE
 Above four, communicated by Heisuke HIRONAKA, M. J. A.
 On a conjecture on Pythagorean numbers Kei TAKAKUWA and You ASAEDA
 Normal band compositions of semigroups Miroslav ĆIRIĆ and Stojan BOGDANOVIĆ
 The restriction of $A_q(\lambda)$ to reductive subgroups Toshiyuki KOBAYASHI
 Value groups of Henselian valuations Tsuneo KANNO and Takeo SHIRASOU
 A note on Jacobi sums. III Takashi ONO
 Some mean squares in connection with $\zeta(1+it)$ Hideki NAKAYA
 On the class number of an Abelian field with prime conductor Ken-ichi YOSHINO
 Above seven, communicated by Shokichi IYANAGA, M. J. A.
 Surface sensitive x-ray absorption fine structure measurement using sample current induced by totally reflected x-rays
 Jun KAWAI, Shinjiro HAYAKAWA, Yoshinori KITAJIMA, Setsuo SUZUKI, Kuniko MAEDA, Teruo URAI, Hirohiko ADACHI, Michio TAKAMI, and Yohichi GOHSHI

Communicated by Seizo OKAMURA, M. J. A.

A spike of ^{92}Mo in yields of uranium spontaneous fission. An extension of shell structure effect

. Akimasa MASUDA, Kazuya TAKAHASHI, and Atsumichi KAWASHIMA

Communicated by Minoru ODA, M. J. A.

General decomposition theory of ordered exponentials Masuo SUZUKI

Communicated by Ryogo KUBO, M. J. A.

After a recess during which the members present met in their respective Sections, the general Meeting was resumed for business transactions.

First, the President announced that Dr. Masao YOSHIKI, M. J. A., had passed away on June 27, 1993; Dr. Masahiro OKADA, M. J. A., on June 29, 1993; Dr. Tamaki OGAWA, M. J. A., on August 31, 1993; Dr. Kunio ODAKA, M. J. A., on September 11, 1993. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Sakae YAMAMURA, M. J. A., paid a tribute of admiration to the late Dr. Hideo YAMASHITA's meritorious services to academic circles.

Then, the chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

The Meeting was adjourned at 4: 40 p.m.

日本学士院紀要

平成五年九月 第六十九卷A 第七号

平成五年十月五日 印刷

平成五年十月八日 発行

編集兼
発行者 日本学士院
東京都台東区上野公園七の三十二
印刷所 株式会社東京プレス
東京都板橋区桜川二丁目二十七の十二
印刷者 依田義一
東京都板橋区桜川二丁目二十七の十二

Printed by
TOKYO PRESS COMPANY LIMITED
No. 27-12, Sakuragawa 2-chome, Itabashi-ku,
Tokyo 174 Japan
Tel.: (3932) 9291~4

