

PROCEEDINGS AT THE 752ND GENERAL MEETING

The 752nd General Meeting of the Academy was held on Monday, October 12, 1981, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Eighty-six members were present, and the following communications were made:

- Basho and Wordsworth compared Takeshi SAITO, M. J. A.
 Tokuzo Fukuda and the policy of welfare state
 Yuzo YAMADA, M. J. A.
 The parallel study of protein phosphorylation and phosphatidylinositol
 metabolism in the photoreception of squid retina
 Tohru YOSHIOKA, Hiroko INOUE, Kimie INOMATA,
 Fumio HAYASHI, Masayuki TAKAGI, and Toshifumi TAKENAKA
 Inhibitory effects of myrmicacin on the sodium channel in the squid
 giant axon Toshifumi TAKENAKA,
 Hidenori HORIE, Kideaki HORI, Tohru YOSHIOKA, and YOZO IWANAMI
 Above two, communicated by Yasuji KATSUKI, M. J. A.
 Preliminary report on the upper triassic megalodonts discovered in
 South Kyushu, Japan Minoru TAMURA
 New evidence for multiglaciation in the high mountains of Japan.
 I. New observations in Hakuba (Shirouma)-dake
 Christian SCHLÜCHTER, Helmut HEUBERGER, and Shoji HORIE
 New evidence for multiglaciation in the high mountains of Japan.
 II. New observations in Tateyama
 Christian SCHLÜCHTER, Helmut HEUBERGER, and Shoji HORIE
 Above three, communicated by Teiichi KOBAYASHI, M. J. A.
 Vertex operators and τ functions. Transformation groups for soliton
 equations. II
 Etsuro DATE, Masaki KASHIWARA, and Tetsuji MIWA
 Singular Cauchy problems for a class of weakly hyperbolic differential
 operators Kanehisa TAKASAKI
 Characteristic boundary value problems for hyperbolic equations . .
 Kôichi UCHIYAMA
 The stability theorems for discrete dynamical systems on two-dimen-
 sional manifolds Atsuro SANNAMI
 A remark on certain stochastic control problem
 Masatoshi FUJISAKI
 Flat coordinate system for the deformation of type E_6
 Tamaki YANO
 Above six, communicated by Kôsaku YOSIDA, M. J. A.
 Periods of Hilbert modular surfaces Takayuki ODA
 Communicated by Kunihiko KODAIRA, M. J. A.
 A new method for carboxyl-terminal sequence analysis of a peptide
 using carboxypeptidases and field-desorption mass spectrometry . .
 Yasutsugu SHIMONISHI, Yeong-Man HONG, Toshifumi
 TAKAO, Saburo AIMOTO, Hisashi MATSUDA, and Yoshiharu IZUMI
 Communicated by Shiro AKABORI, M. J. A.
 Velocity anisotropy of seismic waves in the Northwestern Pacific Ocean
 lithosphere Toshi ASADA and Hidenori SHIMAMURA
 Communicated by Chuji TSUBOI, M. J. A.

- On the Wiener-Schoenberg theorem for asymptotic distribution functions Kazuo GOTO and Takeshi KANO
- On unramified $SL_2(F_p)$ extensions of an algebraic function field of genus 2 Hidenori KATSURADA
- On Hilbert modular forms Shōyū NAGAOKA
- An average type result on the number of primes satisfying generalized Wieferich condition Leo MURATA
- Above four, communicated by Shokichi IYANAGA, M. J. A.
- The role of symbiotic *Chlorella* in photoresponses of *Paramecium bursaria* Kenji IWATSUKI and Yutaka NAITOH
- Electrical coupling and ciliary coordination in a conjugating pair of *Paramecium caudatum* Yutaka NAITOH, Hiroshi ONIMARU, Mihoko TAKAHASHI, and Shozo ISHIZAKA
- Above two, communicated by Setsuro EBASHI, 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. Tsuneo HORI, M. J. A., had died on September 18, 1981. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Kin-ichiro SAKAGUCHI, M. J. A., read Dr. Hitoshi KIHARA's note of tribute to the meritorious services of the Late Dr. Kiyoshi MASUI, M. J. A., to the academic circles.

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

After that, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 55th Session of the International Union of Academies held in Budapest in June this year.

Finally, the President reported that the members of the Publication Committee for the coming term were elected at the Sectional Meetings.

The members elected are:

Section I: Takeshi SAITO, Teiji ICHIKO, Kisaburo YOKOTA, Masaakira KATSUMOTO, Tsunahiro KIKUI, Kazuo OKOCHI, and Takao TSUCHIYA.

Section II: Yoshio FUJITA, Teiichi KOBAYASHI, Masao KOTANI, Kōsaku YOSIDA, Takayuki SOMIYA, Sankichi TAKEI, Teizo OGAWA, and Yasuji KATSUKI.

The Meeting adjourned at 4:50 p.m.

日本学士院紀要

昭和五十六年十月 第五十七卷A 第八号

昭和五十六年十一月五日 印刷
昭和五十六年十一月八日 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二七の十二

印刷者 依田高夫
東京都板橋区桜川二丁目二七の十二

Printed by
TOKYO PRESS COMPANY LIMITED
No. 27-12, Sakuragawa 2-chome, Itabashi-ku,
Tokyo 174 Japan
Tel.: (932) 9291~4

