

PROCEEDINGS AT THE 817TH GENERAL MEETING

The 817th General Meeting of the Academy was held on Monday, March 14, 1988, at 1:10 p.m., Dr. Yoshitaro WAKIMURA, Secretary-General, taking the chair. Ninety-six members were present, and the following communications were made:

- La philosophie et l'iatrologie Hisayuki OMODAKA, M. J. A.
 Effects of actinomycin D on the differentiation of hatching gland cells
 in amphibian embryos Eiji OHZU and Norio ABE
 Chromosomal distribution of C-banded heterochromatin in cyprinid
 fishes Akinori TAKAI and Yoshio OJIMA
 Fish gene mapping using mouse-fish cell hybrids
 Jiyang WANG and Yoshio OJIMA
 Fragile sites in newborns
 Tetsuji KADOTANI, Yoko WATANABE, and Noriko KUROSAKI
 Cytogenetic study on a subclone of KATO-III with HSR, a cell line derived
 from human gastric carcinoma . . Yasushi MASUZAWA, Isamu
 HAYATA, Tomohiko ICHIKAWA, Yayoi ICHIKAWA, and Tatsumi TOIDA
 Above five, communicated by Sajiro MAKINO, M. J. A.
 Single-point blow-up for semilinear parabolic equations in some non-
 radial domains Yun-Gang CHEN and Takashi SUZUKI
 On algebraic solutions of some binomial differential equations in the
 complex plane Nobushige TODA
 On the representation of the scattering kernel for the elastic wave
 equation Hideo SOGA
 Tightness property for symmetric diffusion processes
 Masayoshi TAKEDA
 Local cohomology and the absence of Poincaré lemma in tangential
 Cauchy-Riemann complexes Shinichi TAJIMA
 On propagation of regular singularities for solutions of nonlinear
 partial differential equations. I Tan ISHII
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 Interleukin 6 (BSF2/IL-6) is an autocrine growth factor for human
 multiple myelomas Michio
 KAWANO, Toshio HIRANO, Tadashi MATSUDA, Tetsuya TAGA, Yasuhiro
 HORII, Koji IWATO, Hideki ASAOKU, Bo TANG, Osamu TANABE,
 Hideo TANAKA, Atsushi KURAMOTO, and Tadimitsu KISHIMOTO
 Communicated by Yuichi YAMAMURA, M. J. A.
 Synthesis of stereoisomeric mixture of compound newly proposed for
 "auxin b" by K. Buffel Masanao
 MATSUI, M. J. A., Akimichi FURUHATA, and Teruko NAKAMURA
 Evidence for a single thioether bond in heme binding of cytochrome *c*
 from *Euglena gracilis* Kuniaki MUKAI, Masaki
 YOSHIDA, Yoshio YAO, Sadao WAKABAYASHI, and Hiroshi MATSUBARA
 Communicated by Kazuo OKUNUKI, M. J. A.
 The "ATP-dependent protease" in human erythroleukemia (K562) cells
 is identical to a high-molecular-mass protease, ingensin
 Toshifumi TSUKAHARA, Shoichi ISHIURA, and Hideo SUGITA
 Temperature-dependent inhibition of caffeine contracture of mammalian
 skeletal muscle by dantrolene
 Tsutomu KOBAYASHI and Makoto ENDO
 Above two, communicated by Setsuro EBASHI, M. J. A.

A problem on quadratic fields	Takashi ONO
On some inequalities in the theory of uniform distribution. I	
.	Petko D. PROINOV and Nedyalka A. MITREVA
A table of the dimensions of the Hilbert modular type cusp forms over real quadratic fields	Hirofumi ISHIKAWA
Above three, communicated by Shokichi IYANAGA, M. J. A.	
Notes on quasi-polarized varieties	Takao FUJITA
Communicated by Kunihiko KODAIRA, 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 Secretary-General announced that Dr. Toshio KUROKAWA, M. J. A., President, had passed away on February 21, 1988; Dr. Hiromi ARISAWA, M. J. A., Former President, on March 7, 1988. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Torataro SHIMOMURA, M. J. A., paid a tribute of admiration to the late Dr. Takezo KANEKO's meritorious services to academic circles.

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

After that, a decision was made of the recipients of Prizes for this year as follows:

Imperial Prizes and Academy Prizes to:

Tomi SAEKI for "Studies on the History of the Salt Administration in China"

Susumu NISHIMURA for "Biochemical and Structural Studies on Modified Bases in Nucleic Acids"

Academy Prizes to:

Takeshi TOKUDA for "Japanese Fiction of the Edo Period and the Influence of the Chinese Novel"

Miyohei SHINOHARA for "Growth and Cycles in the Japanese Economy" and "Structure and Policies in the Japanese Economy" (Collected Writings of Studies of the Japanese Economy, by Miyohei SHINOHARA, Vols. I and II)

Kinichiro MIURA for "Molecular Genetical Studies on Double-Stranded RNA Viruses, with Special Reference to Discovery of the RNA Cap Structure"

Masaki KASHIWARA for "Study of Algebraic Analysis"

Yoshiyuki YAMAMOTO for "Fundamental Research on the Finite Element Methods for Stress Analysis of Structures"

Tomotari MITSUOKA for "Comprehensive Studies on Intestinal Microflora"

Yutaka OOMURA for "Food Intake Regulation by Neuronal and Endogenous Humoral Control"

Finally, a decision was made of the recipient of the Duke of Edinburgh Prize for 1988 as follows:

Makoto NUMATA for "Ecological Studies on the Structure and Dynamics of Plant Communities"

The Meeting adjourned at 4:45 p.m.

日本学士院紀要

昭和六十三年三月 第六十四卷A 第三号

昭和六十三年四月五日 印刷
昭和六十三年四月八日 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 依田高夫
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.: (932) 9291~4

