

PROCEEDINGS AT THE 772ND GENERAL MEETING

The 772nd General Meeting of the Academy was held on Wednesday, October 12, 1983, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety members were present, and the following communications were made:

- The main problem of modern biblical and theological studies Masao SEKINE, M. J. A.
 A reflexion on the so-called "matured society" Kazuo OKOCHI, M. J. A.
 Microlocal study of sheaves. I. Contact transformations Masaki KASHIWARA and Pierre SCHAPIRA
 Microlocal study of sheaves. II. Constructible sheaves Masaki KASHIWARA and Pierre SCHAPIRA
 On pluri-genera and mixed Hodge structures of isolated singularities Shihoko ISHII
 Above three, communicated by Heisuke HIRONAKA, M. J. A.
 On a question posed by Huckaba-Papick. II Ryûki MATSUDA
 A note on Γ -ring Bhavanari SATYANARAYANA
 Signature of quaternionic Kaehler manifolds Tadashi NAGANO and Masaru TAKEUCHI
 On certain cubic fields. IV Mutsuo WATABE
 Construction of certain real quadratic fields Tsuyoshi UEHARA
 Above five, communicated by Shokichi IYANAGA, M. J. A.
 On poles of the rational solution of the Toda equation of Painlevé-II type Yoshinori KAMETAKA
 Non-uniqueness in the Cauchy problem for partial differential operators with multiple characteristics. II Shizuo NAKANE
 Boundedness of singular integral operators of Calderón type Takafumi MURAI
 Boolean valued analysis and type I AW^* -algebras Masanao OZAWA
 A truncated cube functional equation Shigeru HARUKI
 An approach by difference to a quasi-linear parabolic equation Michiaki WATANABE
 Above six, communicated by Kôsaku YOSIDA, M. J. A.
 A note on the approximate functional equation for $\zeta^2(s)$ Yoichi MOTOHASHI
 The Gauss map in models Hiroo MATSUDA
 On compact Kähler manifolds of constant scalar curvature Akito FUTAKI
 Equivariant annulus theorem for 3-manifolds Tsuyoshi KOBAYASHI
 Above four, communicated by Kunihiro KODAIRA, M. J. A.
 Cytogenetic studies of *Hynobiidae* (Urodela). II. Banding Karyotype of *Hynobius tokyoensis* Tago Sei-ichi KOHNO, Tatsumi OHHASHI, and Chikako IKEBE
 Geographic and chromosomal polymorphisms in the Iwana (*Salvelinus leucomaenis*) Takayoshi UEDA and Yoshio OJIMA
 Rate of offspring with chromosome aberrations in the black and Norway

- rats born after γ -irradiation Tosihide H. YOSIDA
 Karyotype of a Japanese raccoon dog with 40 chromosomes including
 two supernumeraries
 Tosihide H. YOSIDA, Masayasu Y. WADA, and O. G. WARD
 Above four, communicated by Sajiro MAKINO, M. J. A.
- Increase of the satellite association in down syndrome patient . . .
 . . . Tetsuji KADOTANI, Yoko WATANABE, and Sajiro MAKINO, M. J. A.
- Separation of human X- and Y-bearing sperm using free-flow electro-
 phoresis Satoru KANEKO, Rihachi IIZUKA,
 Satoshi OSHIRO, Hiroshi NAKAJIMA, Shigeru OSHIO, and Hideo MOHRI
 Communicated by Kiyoshi TAKEWAKI, M. J. A.
- In vitro* synthesis of infectious RNA molecules from cloned hop stunt
 viroid complementary DNA
 . . . Takeshi OHNO, Masayuki ISHIKAWA, Nobuhiko TAKAMATSU,
 Tetsuo MESHI, Yoshimi OKADA, Teruo SANÔ, and Eishiro SHIKATA
 Communicated by Shiro AKABORI, M. J. A.
- Studies on algal cytochromes. IV. Purification and characterization
 of cytochrome c_6 from the red alga, *Pachymeniopsis lanceolata* . .
 Yasutomo SUGIMURA,
 Yoshinori OKADA, Fuminori YOSHIZAKI, and Masami SHIMOKORIYAMA
 Communicated by Noburô KAMIYA, M. J. A.
- Immunocytochemical study on senile plaques in Alzheimer's disease. I.
 Preparation of an antimicrotubule-associated proteins (MAPs) anti-
 serum and its specificity . . Nobuyuki NUKINA and Yasuo IHARA
- Immunocytochemical study on senile plaques in Alzheimer's disease.
 II. Abnormal dendrites in senile plaques as revealed by antimicro-
 tubule-associated proteins (MAPs) immunostaining
 Nobuyuki NUKINA and Yasuo IHARA
 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, Dr. Tsutomu OUCHI, M. J. A., and Dr. Yonezo MORINO, M. J. A., paid a tribute of admiration to the late Dr. Seiichi TÔBATA's and the late Dr. Sanichiro MIZUSHIMA's meritorious services to academic circles.

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

Then, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 57th Session of the International Union of Academies held in Copenhagen in June this year.

Finally, the election of the President for the coming term took place; and Dr. Hiromi ARISAWA was re-elected.

The Meeting adjourned at 5 : 25 p.m.

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CONTENTS

(Continued from Front Cover)

	Page
M. WATABE: On Certain Cubic Fields. IV	387
T. UEHARA: Construction of Certain Real Quadratic Fields	390
Y. MOTOHASHI: A Note on the Approximate Functional Equation for $\zeta^2(s)$	398
H. MATSUDA: The Gauss Map in Models	397
A. FUTAKI: On Compact Kähler Manifolds of Constant Scalar Curvature	401
T. KOBAYASHI: Equivariant Annulus Theorem for 3-Manifolds	403
Proceedings at the 772nd General Meeting	XXXI