

## PROCEEDINGS AT THE 797TH GENERAL MEETING

The 797th General Meeting of the Academy was held on Wednesday, March 12, 1986, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. One hundred members were present, and the following communications were made:

- Development of political economy and the universities in Great Britain  
 . . . . . Mikio SUMIYA, M. J. A.
- On the global existence of real analytic solutions and hyperfunction  
 solutions of linear differential equations . . . . . Takahiro KAWAI
- Singularities and Cauchy problem for Fuchsian hyperbolic equations . .  
 Antonio BOVE, Jeff E. LEWIS, Cesare PARENTI, and Hidetoshi TAHARA
- On a multi-dimensional inverse parabolic problem . . . Takashi SUZUKI
- On the spectral manifolds of the simple unilateral shift and its adjoint  
 . . . . . Takashi YOSHINO
- Path integral for the Weyl quantized relativistic Hamiltonian . . . .  
 . . . . . Takashi ICHINOSE and Hiroshi TAMURA
- On Persson's theorem concerning  $p$ -nuclear operators . . . . .  
 . . . . . Yasuji TAKAHASHI and Yoshiaki OKAZAKI
- Above six, communicated by Kōsaku YOSIDA, M. J. A.
- Morphological changes in newt epitheliomas caused by controlled  
 temperature . . . . . Makoto  
 ASASHIMA, Masumi SEKI, Hiromi KANNO, and Hiromichi KOYAMA
- Communicated by Kiyoshi TAKEWAKI, M. J. A.
- A Record of *Menabites* (Ammonoidea) from Hokkaido . . . . .  
 . . . . . Tatsuro MATSUMOTO and Takemi TAKAHASHI
- Communicated by Teiichi KOBAYASHI, M. J. A.
- A hen enzyme ADP-ribosylates normal human and mutated *c-Ha-ras*  
 oncogene products synthesized in *Escherichia coli* . . . . .  
 . . . . . Hisae KAWAMITSU, Masanao  
 MIWA, Yoshinori TANIGAWA, Makoto SHIMOYAMA, Shigeru NOGUCHI,  
 Susumu NISHIMURA, Eiko OHTSUKA, and Takashi SUGIMURA, M. J. A.
- Chromosomal studies of cultured cells from the hybrids between *Huso*  
*huso* and *Acipenser ruthenus* . . . . .  
 . . . . . Yoshio OJIMA, Yumi NAKANISHI, and Akinori TAKAI
- Microcell-mediated transfer of fish chromosomes into mouse cells . . .  
 . . . . . Yoshio OJIMA, Yutaka TAKARADA, and Akinori TAKAI
- Elongated long arm of no. 9 chromosome in heavy mental retardates  
 . . . . . Suzue KANATA, Tetsuji  
 KADOTANI, Yoko WATANABE, Hidetoshi KODAMA, and Setsuji KUBO
- Above three, communicated by Sajiuro MAKINO, M. J. A.
- A stopped-flow calorimetric study of ATP hydrolysis by myosin sub-  
 fragment 1 . . . . . Takao KODAMA and Kaoru KOMETANI
- New rat astrocytoma cell lines induced *in vitro* by chemical adhesive of  
 epoxy resin-polyamine composition . . . . .  
 . . . . . Kyoko KATO-TANAKA, Taiji KATO, Jin-ichi ITO, Ryo  
 TANAKA, Hiroko FUKAMI, Shigeo OKUMURA, and Tatsuya TANAKA
- Anti-filamin and -vinculin antibodies in sera from patients with  
 myasthenia gravis and polymyositis . . . . .  
 . . . . . Takeshi YAMAMOTO, Shoei FURUKAWA,  
 Michio NOJIMA, Shoichi ISHIURA, Takeshi SATO, and Hideo SUGITA
- Above three, communicated by Setsuro EBASHI, M. J. A.
- A Characterization of certain real quadratic fields . . . Ryuji SASAKI

- A topology on arithmetical lattice-ordered groups . . . Kentaro MURATA  
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- On the crepant blowing-ups of canonical singularities and its applica-  
 tion to degenerations of surfaces . . . . . Yujiro KAWAMATA
- Relative Zariski decomposition on higher dimensional algebraic varieties  
 . . . . . Atsushi MORIWAKI
- Wave forms on  $O(1, q+1)$  and associated Dirichlet series . . . . .  
 . . . . . Koichi TAKASE
- Above three, communicated by Kunihiro KODAIRA, M. J. A.
- Association of a viroid-like RNA from plum dapple disease occurring  
 in Japan . . . . .
- Teruo SANO, Tatsuji HATAYA, Yasuo TERAJ, and Eishiro SHIKATA  
 Communicated by Naohide HIRATSUKA, 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. Seiitiro ONO, M. J. A., had passed away on March 9, 1986. The members rose from their seats in silence, expressing profound sense of grief.

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

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

Imperial Prize and Academy Prize to:

Masao ITO for "Studies of the Cerebellum; Neural Mechanisms and Learning of Movement"

Academy Prizes to:

Osamu OBA for "A Study of the Reception of Chinese Culture in the Edo Period"

Mikiya SUZUKI for "A Study of Empedocles—the Relation between *Peri Physeōs* and *Katharmoi*"

Taitiro FUJINAGA for "Development of Electrochemical Micro-analysis"

Shoji HORIE for "Studies on the Quarternary Chronology based on the Sediments of Lake Biwa and Glacial Remains of Japan"

Masayoshi NAGATA for "Contributions to Commutative Algebra"

Hitosi NOZAKI for "Contribution to the Chemical Synthesis Using Organometallic Compounds"

Eishiro SHIKATA for "Studies on Plant Viruses and Viroids"

Yasutomi NISHIZUKA for "Mechanism of Hormone Action and Cell Surface Signal Transduction".

Finally, the election of Secretary-General took place. Dr. Kenjiro KIMURA was re-elected.

The Meeting adjourned at 5:00 p.m.

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