

PROCEEDINGS AT THE 811TH GENERAL MEETING

The 811th General Meeting of the Academy was held on Monday, September 14, 1987, at 1:05 p.m., Dr. Toshio KUROKAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- Three-nature theory, a Buddhist world-view expounded by the Yogacara school Gadjin M. NAGAO, M. J. A.
 Classification of heresy by Confucianists in the Edo period Masao MARUYAMA, M. J. A.
 On representations of Lie superalgebras Hirotoshi FURUTSU and Takeshi HIRAI
 Harmonic analysis on negatively curved manifolds. I . . . Hitoshi ARAI
 Mixed problems for quasi-linear symmetric hyperbolic systems Shuichi KAWASHIMA, Taku YANAGISAWA, and Yasushi SHIZUTA
 On meromorphic and univalent functions Hitoshi ABE
 On the existence and asymptotic behavior of solutions of nonlinear heat flow with memory Nobuyuki KATO
 Some structure theorems for ω -stable groups Katsumi TANAKA
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
Lactobacillus hamsteri, a new species from the intestine of hamsters Tomotari MITSUOKA and Tomohiko FUJISAWA
 Influence of dietary Konjac mannan on fecal microflora in F344 rats Takeo MIZUTANI and Tomotari MITSUOKA
 Above two, communicated by Yoshimasa NISHIKAWA, M. J. A.
 Confirmation of the chromosomal constitution of Fea's muntjac, *Muntiacus feae* Hiroaki SOMA, Hidemi KADA, C. MECKVICHAI, and A. MAHANNOP
 A case of mosaic ring chromosome no. 22 with the mental retardation Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
 Specificity in chromosomal abnormalities in mouse bone marrows induced by the difference of the condition of irradiation Isamu HAYATA, Tomohiko ICHIKAWA, and Yayoi ICHIKAWA
 Differentiation of hatching gland cells in the explants from anuran embryos treated by LiCl Norio ABE and Eiji OHZU
 The involvement of chromosome 4(q1q2) segment in the duplication in rat malignant glial cell lines transformed by viral and chemical agents Kyoko KANO-TANAKA, Hiroko FUKAMI, and Tatsuya TANAKA
 The chromosome in the primitive or microlepidopterous moth-groups. IV Akito KAWAZOÉ
 Karyotypes of two species of Genus *Euhadra*, *Euhadra callizona* and *Euhadra peliomphala simodae* (Bradybaenidae, Gastropoda) Reiko TATEWAKI, Jin-ichi KITADA, and Osamu MASUDA
 Above seven, communicated by Sajiro MAKINO, M. J. A.
 On a class of nonhyperbolic microdifferential equations with involutory double characteristics Nobuyuki TOSE
 Systems of microdifferential equations with involutory double characteristics. Propagation theorem for sheaves in the framework of microlocal study of sheaves Nobuyuki TOSE
 Euler number of moduli spaces of instantons Mikio FURUTA

- Above three, communicated by Kunihiko KODAIRA, M. J. A.
- Ordovician cephalopods in Hwangho Basin, Eastern Asia
 Teiichi KOBAYASHI, M. J. A.
- Ordovician cephalopods of Yangtze and neighbouring areas
 Teiichi KOBAYASHI, M. J. A.
- On some Silurian corals from northeast Thailand
 Sumio SAKAGAMI and Nikorn NAKORNSRI
- Hinaclema*, a new Carboniferous bryozoan genus from the Hina Limestone, southwest Japan . . Sumio SAKAGAMI and Akihiro SUGIMURA
- Above two, communicated by Teiichi KOBAYASHI, M. J. A.
- B cell stimulatory factor 2 (BSF2/IL-6) and rheumatoid arthritis . .
 Toshio HIRANO,
 Tadashi MATSUDA, Martin TURNER, Marc FELDMANN, Bo TANG,
 Nobuyuki MIYASAKA, Masatoshi SHIMIZU, and Tadimitsu KISHIMOTO
- Communicated by Yuichi YAMAMURA, M. J. A.
- Increased or induced formation of antifungal substances in cultures of
Lentinus edodes by the attack of *Trichoderma* spp. Keisuke
 TOKIMOTO, Tetsuro FUJITA, Yoshio TAKEDA, and Yoshihisa TAKAISHI
- Communicated by Naohide HIRATSUKA, M. J. A.
- Isolation of *Drosophila* genomic clones homologous to the eel sodium
 channel gene Hitoshi OKAMOTO, Kuniyoshi
 SAKAI, Satoshi GOTO, Etsuko TAKASU-ISHIKAWA, and Yoshiki HOTTA
- Communicated by Setsuro EBASHI, M. J. A.
- On subcommutative rings G. W. S. van ROOYEN
- Euler factors attached to unramified principal series representations
 Takao WATANABE
- A note on p -adic étale cohomology Masato KURIHARA
- On coefficients of cyclotomic polynomials Jiro SUZUKI
- Information and statistics. I Yukiyo KAWADA
- Above five, communicated by Shokichi IYANAGA, 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. Hakaru MASUMOTO, M. J. A., had passed away on August 12, 1987. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Tatsuro YAMAMOTO, M. J. A., paid a tribute of admiration to the late Dr. Tsugio MIKAMI's meritorious services to academic circles.

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

Finally, the President reported the sixth meeting of the Japan Academy Public Lectures was opened to the public at Kyodai-Kaikan, Kyoto, at 2:00 p.m. on Saturday, June 13, 1987, with Dr. Takeshi NAGATA, M. J. A., and Dr. Kozo OKAMOTO, M. J. A., as speakers, whose respective subjects were:

“Science of southern aurora”

“Animal model for hypertension”.

The meeting adjourned at 4:20 p.m.

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