

PROCEEDINGS AT THE 809TH GENERAL MEETING

The 809th General Meeting of the Academy was held on Tuesday, May 12, 1987, at 1:00 p.m., Dr. Toshio KUROKAWA, President, taking the chair. Ninety-two members were present, and the following communications were made:

- On *Todengyohitsu* Teiji ICHIKO, M. J. A.
 On the interpretations about Adam Smith's "Invisible Hand"
 Yuzo YAMADA, M. J. A.
 Island arcs and superposition of structures in Japan. The developments
 of the Japanese Islands. VI Toshio KIMURA
 Communicated by Teiichi KOBAYASHI, M. J. A.
 The ancestry of the Cephalopoda. From *Helcionella* to *Plectronoceras*
 Teiichi KOBAYASHI, M. J. A.
 A Permian trilobite from Spitsbergen, Norway with a note on biogeo-
 graphic bearing of genus *Neoproetus* Teiichi KOBAYASHI, M. J. A.
 Some remarks on C -semigroups and integrated semigroups
 Naoki TANAKA and Isao MIYADERA
 A note on a generalization of a q -series transformation of Ramanujan
 H. M. SRIVASTAVA
 Isolated singularities and positive solutions of elliptic equations in R^n
 Minoru MURATA
 On the asymptotic stability of solutions of a second order nonlinear
 differential equation Teruyo WADA and Minoru YAMAMOTO
 Finite multiplicity theorems for induced representations of semisimple
 Lie groups and their applications to generalized Gelfand-Graev repre-
 sentations Hiroshi YAMASHITA
 Above five, communicated by Kôzaku YOSIDA, M. J. A.
 Transfer of the $E\alpha$ gene into NOD mice prevents the development of
 autoimmune insulinitis Tadimitsu KISHIMOTO
 Hirofumi NISHIMOTO, Hitoshi KIKUTANI, and Ken-ichi YAMAMURA
 Communicated by Yuichi YAMAMURA, M. J. A.
 Black mammary tissues of male soft-furred rat, *Millardia meltdada*.
 Lipofuscin and iron deposition Akinori KOJIMA, Mineko
 IZAWA, Mutsushi MATSUYAMA, Yoshimi NISHI, Yasuaki NISHIZUKA,
 Toshihide H. YOSIDA, Takamasa HANAICHI, and Shosuke ITO
 Communicated by Masasumi MIYAKAWA, M. J. A.
 Molecular phylogeny of the human immunodeficiency and related retro-
 viruses
 Shozo YOKOYAMA, Etsuko N. MORIYAMA, and Takashi GOJOBORI
 Strain difference in homozygous load due to induced mildly deleterious
 mutations in *Drosophila melanogaster*
 Takashi TOMITA, Tatsuro TANAKA, Akihiko KOGA, Takako
 NAKAMA, Kazushige KONDO, Yuko YAKENO, and Terumi MUKAI
 Above two, communicated by Motoo KIMURA, M. J. A.
 Calcification and angioproliferation in epicardium of mouse induced by
 mutagenic/carcinogenic heterocyclic amine Shozo TAKAYAMA,
 Michiie SAKAMOTO, Yasuhiro HOSODA, Takashi SUGIMURA, M. J. A.
 Sur la notion de fonction multiplicative et quelques problèmes qui lui
 sont associés. II Jean Loup MAUCLAIRE
 Class number one criteria for real quadratic fields. II R. A. MOLLIN

An elementary variant of nonstandard set theory
. Moto-o KINOSHITA
Above three, communicated by Shokichi IYANAGA, M. J. A.
Degeneration of Kunev surfaces. II Sampei USUI
Singularities of the moduli space of Yang-Mills fields
. Mitsuhiro ITOH
On the highest degree of absolute polynomials of alternating links . .
. Tetsuo MIYAUCHI
Above three, 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 President announced that Dr. Nobushige UKAI, M. J. A., had passed away on May 10, 1987. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Shizuo BAN, M. J. A., paid a tribute of admiration to the late Dr. Kusuo AOKI's meritorious services to academic circles.

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

The Meeting adjourned at 4:35 p.m.

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