

PROCEEDINGS AT THE 739TH GENERAL MEETING

The 739th General Meeting of the Academy was held on Monday, May 12, 1980 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-eight members were present, and the following communications were made:

- The observations about the by-burial remains of ancient tombs in Japan
 Masao SUENAGA, M. J. A.
- The first cohomology groups of infinite dimensional Lie algebras . .
 Nobutada NAKANISHI
- Further results for the solutions of certain third order differential
 equations Tadayuki HARA
- Branching of singularities for degenerate hyperbolic operators and
 Stokes phenomena Kazuo AMANO
- Monodromy preserving deformation and its application to Soliton
 theory. II Kimio UENO
- The asymptotics of the potential functions of one-sided stable processes
 Kimio KAZI
- On the determination of all *NB*-structures on *BCK*-algebras
 Kiyoshi ISÉKI
- Above six, communicated by Kôzaku YOSIDA, M. J. A.
- The oscillations of water in an annular basin of variable depth . . .
 Koji HIDAKA, M. J. A.
- Potent novel mutagens produced by broiling fish under normal condi-
 tions
 Hiroshi KASAI, Ziro YAMAIZUMI, Keiji WAKABAYASHI, Minako
 NAGAO, Takashi SUGIMURA, Sigeyuki YOKOYAMA, Tatsuo MIYAZAWA,
 N. E. SPINGARN, J. H. WEISBURGER, and Susumu NISHIMURA
 Communicated by Hamao UMEZAWA, M. J. A.
- Further cytogenetic studies on 105 cases from genetic counseling . .
 . . Takashi KATANO, Motochiyo MURAKAMI, and Tetsuji KADOTANI
- Studies on the karyotype differentiation of the Norway rat. I. Trans-
 location between the pair nos. 1 and 12 chromosomes in the Lewis-
 strain rat Toshihide H. YOSIDA
- Some chromosomal aspects of *Naemorhedus goral* (goral) and *Procapra*
gutturosa (Mongolian gazelle)
 Hiroaki SOMA, Hidemi KADA, Kunio MATAYOSHI, Takashi
 KIYOKAWA, Takeyoshi ITO, Minoru MIYASHITA, Kenjiro NAGASE
 Above three, communicated by Sajiro MAKINO, M. J. A.
- Breakdown of a seamount on the slope of the Japan trench
 Akio MOGI and Kunikazu NISHIZAWA
- Mantle-crust material interaction from the rare gas viewpoint . . .
 Minoru OZIMA and F. A. PODOSEK
 Above two, communicated by Chuji TSUBOI, M. J. A.
- Quantification of antibodies by the volume distribution analysis of
 latex particles Shigetaka
 MATSUZAWA, Yukio ITOH, Hiroko KIMURA, and Yumi BANNAI
 Communicated by Shoei ISEKI, M. J. A.
- Suites limite-périodiques et théories des nombres. II
 J.-L. MAUCLAIRE

- Integration of correspondences and a variational problem with operator constraint Toru MARUYAMA
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- Extensibility of the myofilaments in vertebrate skeletal muscle as studied by stretching rigor muscle fibres Haruo SUGI and Suechika SUZUKI
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- Selective responses to odors of animal products in the neocortex neurons of rabbits Norihiko ONODA and Masae IINO
- Information processing of speech sounds in the medial geniculate and the inferior colliculus Toru HASHIMOTO
 Above three, communicated by Yasuji KATSUKI, M. J. A.
- On topological characterizations of complex projective spaces and affine linear spaces Takao FUJITA
- On F^4 -manifolds and cell-like resolutions Masaaki UE
 Above two, communicated by Kunihiro KODAIRA, M. J. A.
- Selective inhibition of the formation of polyisoprenol (Pyro) phosphate N-acetylglucosamine by tunicamycin Gakuzo TAMURA and Akira TAKATSUKI
 Gakuzo TAMURA and Akira TAKATSUKI
 Communicated by Shiro AKABORI, 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, President announced that Dr. Hyoe OUCHI, M. J. A., had died on May 1, 1980; the members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Ryusyo HIKATA, M. J. A., paid a high tribute to the late Dr. Zenryu TSUKAMOTO's meritorious services to the academic circles.

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

The Meeting adjourned at 4:25 p.m.

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