

PROCEEDINGS AT THE 747TH GENERAL MEETING

The 747th General Meeting of the Academy was held on Thursday, March 12, 1981, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-three members were present, and the following communications were made:

- Der Tod der Poesie. Das Schicksal der modernen Kunst Toshio TAKÉUCHI, M. J. A.
- On Needham's *Science and Civilization in China*, 1954 ff. Seiichi TÔBATA, M. J. A.
- The quantal nature of glutamate release at the crayfish neuromuscular junction . . Akira TAKEUCHI, Kayoko ONODERA, and Reiko KAWAGOE
Communicated by Yasuji KATSUKI, M. J. A.
- The Kinetochore of the Lepidoptera. III. Morphology and behavior of fragment chromosomes and electron-microscopic illustration of microtubules (MTs) locating along chromosomes . . . Kodo MAEKI
- Induction of hexaploid and octoploid specimens in the silkworm (*Bombyx mori*) by exposing to low temperature Naoko KAWAMURA
- 46,XY/47,XY/48,XXYY mosaicism in an infertile man . . Kazuyuki ISHITOBI, Eiji HOSHINO, Noriko NAKADA, and Yoshimichi HARADA
- A case of partial 3p trisomy [46,XY,-18,+der(18),t(3; 18)(p24; q22)] Ryuichi TSUKINO, Hiromitsu OMORI, Shigeru UEMURA, Akihiko KODAMA, and Michio KOIKE
- Karyotype and banding analyses of *Oryzias celebensis* (Oryziatidae, Pisces) in cultured cells Hiroshi UWA, Takashi IWAMATSU, and Yoshio OJIMA
Above five, communicated by Sajiro MAKINO, M. J. A.
- An approximate positive part of essentially self-adjoint pseudo-differential operators. II Daisuke FUJIWARA
- On stochastic differential equations characterizing some singular diffusion processes Yôichi ÔSHIMA
- An asymptotic property of a certain Brownian motion expectation for large time Hiroyuki ÔKURA
- Normal forms of quasihomogeneous functions with inner modality equal to five Masahiko SUZUKI
- Branching of singularities for degenerate hyperbolic operators and Stokes phenomena. II Kazuo AMANO and Gen NAKAMURA
- A further generalization of the Ostrowski theorem in Banach spaces Mau-Hsiang SHIH
- On the asymptotic behavior of asymptotically nonexpansive semi-groups in Banach spaces Masataka TANIGUTI, Yoshitaka TAKAHASHI, and Hiroshi ABE
Above seven, communicated by Kôsaku YOSIDA, M. J. A.
- Equatorial flow and inertia terms Koji HIDAKA, M. J. A.
- Induction of Hyperplasia of mouse epidermis by cholera toxin Toshio KUROKI
Communicated by Toshio KUROKAWA, M. J. A.
- Moduli of anti-self-dual connections on Kähler manifolds Mitsuhiro ITOH

- Cohomologie à estimation L^2 et extension des fonctions holomorphes
avec contrôle de la croissance Tsuneo YOSHIOKA
A characterization of homogeneous self-dual cones Tadashi TSUJI
Above three, communicated by Kunihiro KODAIRA, M. J. A.
Suites limite-périodiques et théorie des nombres. V
. J. -L. MAUCLAIRE
Zeta functions in several variables associated with prehomogeneous
vector spaces. III. Eisenstein series for indefinite quadratic forms
. Fumihiro SATO
Another construction of Lie algebras by generalized Jordan triple
systems of second order Yoshiaki KAKIICHI
Above three, communicated by Shokichi IYANAGA, M. J. A.
Masking of a dystrophic symptom in genotypically dystrophic-dwarf
mice . . . Tsuyoshi TOTSUKA, Kimi WATANABE, and Sigehiro KIYONO
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, the President announced that Dr. Masao YAMAGATA, M. J. A., had died on March 3, 1981. The members rose from their seats in silence, expressing profound sense of grief.

Next, the president reported that Dr. Hitoshi KIHARA was elected Chairman of Section II on March 7, 1981.

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

Finally, decisions were made upon the recommendations of recipients of prizes for this year as follows:

Imperial Prize and Academy Prize to:

Yasuiti NAGANO for "Studies on Interferon"

Academy Prizes to:

Yōichi MAEDA for "Pascal 'Pensées' Commentary I"

Makoto OGAWA for "The Rise of the Kindred Shugos of the Asikaga Shogun"

Akira KINOSHITA for "The Surviving Serfdom: An Analysis of the *Nago* Labour System in Prewar Rural Japan"

Mitsuo TOKORO for "A Research for Forestry in Tokugawa Era"

Shoten OKA for "Theoretical Studies in Biorheology"

Izumi YOKOYAMA for "Structure of Volcanoes as Disclosed by Gravity Anomaly Distributions"

Masanao MATSUI and Kenji MORI for "Studies on the Syntheses of Organic Natural Products"

Reiji NATORI for "Studies on the Mechanism of Muscular Contraction by the Use of Skinned Fiber Method"

The Meeting adjourned at 4:35 p.m.

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