

PROCEEDINGS AT THE 754TH GENERAL MEETING

The 754th General Meeting of the Academy was held on Saturday, December 12, 1981, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- Old reading of Ritu-ryo and Nihon Shoki . . . Taro SAKAMOTO, M. J. A.
 Domestic application of the international covenants on human rights
 Shigejiro TABATA, M. J. A.
- Chromosomal evolution associated with Robertsonian fusion in the
 genus *Dascyllus* (Chrominae, Pisces)
 Yoshio OJIMA and Eiji KASHIWAGI
- Notes on the W-chromosome of the butterfly, *Graphium sarpedon*
 (Papilionidae, Lepidoptera) Kodo MAEKI
- A case of partial trisomy 4q resulting from familial (4;9)(q23;p24)
 translocation Tetsuji
 KADOTANI, Yoko WATANABE, Takako KIYUNA, and Shigeki TAKEUCHI
- A case of holoprosencephaly with familial inv(9)(p11q13) . . . Tetsuji
 KADOTANI, Yoko WATANABE, Takako KIYUNA, and Shigeki TAKEUCHI
 Above four, communicated by Sajiro MAKINO, M. J. A.
- Early Cretaceous beachrock from the Miyako group, Northeast Japan
 Tetsuro HANAI and Tatsuo OJI
 Communicated by Teiichi KOBAYASHI, M. J. A.
- Gravity anomalies in the Northwestern Pacific and their geophysical
 interpretation Yoshibumi TOMODA and Hiromi FUJIMOTO
 Communicated by Chuji TSUBOI, M. J. A.
- The spontaneous-diabetes rat: A model of noninsulin dependent diabetes
 mellitus Yoshio GOTO and Masaei KAKIZAKI
- α -cyclodextrin, a novel substitute for bovine albumin in serum-free
 culture of mammalian cells
 Isao YAMANE, Mikio KAN, Yoshiki MINAMOTO, and Yasuo AMATSUJI
 Above two, communicated by Toshio KUROKAWA, M. J. A.
- On regularity properties for some nonlinear parabolic equations. . .
 Hiroki TANABE
- An explicit solution of a certain Schwinger-Dyson equation
 Atsushi INOUE
- Characteristic indices and subcharacteristic indices of surfaces for
 linear partial differential operators Sunao ŌUCHI
- Microlocal analysis of partial differential operators with irregular
 singularities Keisuke UCHIKOSHI
- Isomonodromy problem of Schlesinger equations . . Katsudō NOBUOKA
- Differentiability of Riemann's function Seiichi ITATSU
 Above six, communicated by Kōsaku YOSIDA, M. J. A.
- An estimate of the roots of b -functions by Newton polyhedra
 Mitsuo KATO
- Connected sum along the cycle operation of $S^p \times \tilde{S}^{n-p}$ on π -manifolds
 Yoshihiro SAKO
 Above two, communicated by Kunihiko KODAIRA, M. J. A.

- Extracellular localization of activator calcium in dog coronary artery smooth muscle fibers Haruo SUGI, Suechika SUZUKI, and Norihiko FUJIEDA
- Calcium spike in the mammalian spinal motoneuron Yoshio HARADA and Tomoyuki TAKAHASHI
- Appearance of new synaptic potentials at cortico-rubral synapses after the establishment of classical conditioning Nakaakira TSUKAHARA and Yoichi ODA
- Modification of rubral unit activities during classical conditioning in the cat Yoichi ODA, Kazuhiro KUWA, Shinji MIYASAKA, and Nakaakira TSUKAHARA
Above four, communicated by Yasuji KATSUKI, M. J. A.
- Avian and Mammalian transferrins are required for chick and rat myogenic cell growth *in vitro*, respectively Eijiro OZAWA and Yasuko HAGIWARA
Communicated by Setsuro EBASHI, M. J. A.
- Investigations of genetic variants in human urinary glycoproteins by isoelectric focusing Koichiro KISHI, Hisao TAKIZAWA, Shigeru YAMAMOTO, and Shoei ISEKI, M. J. A.
- Higher order nonsingular immersions in lens spaces mod 3 Teichi KOBAYASHI
- Nouvelle démonstration d'une congruence modulo 16 entre les nombres de classes d'idéaux de $Q(\sqrt{-2p})$ et $Q(\sqrt{2p})$ pour p premier $\equiv 1 \pmod{4}$ Pierre KAPLAN
Above two, 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. Yotsuo TORIYAMA, M. J. A., had died on December 7, 1981. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Mataji MIYAMOTO, M. J. A., paid a tribute of admiration to the late Dr. Tsuneo HORI's meritorious services to academic circles.

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

Finally, the recommendations of both Sections for the new Membership of the Academy, were accepted unanimously. The new members elected are:

Section I: Hachizo UMEZU, Seiji TANAKA, Shigemitsu DANDO, Taizo TAKAHASHI.

Section II: Yonezo MORINO, Takeshi MINAKAMI, Takeo NAGAMIYA, Noburo KAMIYA, Ryoichi SADANAGA, Akira WAKURI, Tokichi NODA, Yoshimasa NISHIKAWA, Shinji TAKAHASHI.

The Meeting adjourned at 5:15 p.m.

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