

PROCEEDINGS AT THE 779TH GENERAL MEETING

The 779th General Meeting of the Academy was held on Saturday, May 12, 1984, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- “Tetsugaku-kai” and “Tetsugaku-Zasshi” (To the centenary of “Philosophical Society” Juichi KATSURA, M. J. A.
Ogata Koan and his private school *Tekijuku* Mataji MIYAMOTO, M. J. A.
 Structure of the solution space of Witten’s gauge-field equations Norio SUZUKI
 On the Euler-Poisson-Darboux equation and the Toda equation. I Yoshinori KAMETAKA
 Local existence of C^∞ -solution for the initial-boundary value problem of fully nonlinear wave equation Yoshihiro SHIBATA and Yoshio TSUTSUMI
 Continuation results for differential equations without uniqueness by two Liapunov functions Jitsuro SUGIE
 A Markov process associated with a porous medium equation Masaaki INOUE

Above five, communicated by Kōsaku YOSIDA, M. J. A.

- Karyotype and banding analyses on haploid males of the honey bee (*Apis mellifera*) Hidehiro HOSHIBA
 Studies on the karyotype differentiation of the Norway rat. X. Translocation between the autosome no. 11 and the Y chromosome in the NIG-III strain rat occurred after γ -irradiation and its genetics Toshihide H. YOSIDA
 An additional case of partial trisomy for the no. 15 chromosome Tetsuji KADOTANI, Suzue KANATA, Setsuji KUBO, Hidetoshi KODAMA, and Yoko WATANABE
 A chromosome study of the patients with heavy mental retardation Tetsuji KADOTANI, Suzue KANATA, Hidetoshi KODAMA, Setsuji KUBO, and Yoko WATANABE
 A case of partial 9q trisomy Tetsuji KADOTANI, Yoko WATANABE, and Takashi KATANO
 Sex chromosome differentiation in *Paraperca sexfasciata* (Perciformes, Pisces) Yoshio OJIMA, Hirotugu UEDA, and Akinori TAKAI

Above six, communicated by Sajiyo MAKINO, M. J. A.

- Stratigraphic comparison around the sea of Japan Teiichi KOBAYASHI, M. J. A.
 The history of the eastern wing of the Mongolian geosyncline Teiichi KOBAYASHI, M. J. A.
 The Amur subgeosyncline and the Sungari basin Teiichi KOBAYASHI, M. J. A.
 Advanced report on the Pleistocene glaciation in the Japanese Islands in connection with Lake Biwa stratigraphic study Shoji HORIE
 Brief summary on 200 meters coring and analytical study of that core obtained in the center of Lake Biwa Shoji HORIE

Above two, communicated by Teiichi KOBAYASHI, M. J. A.

- Immunofluorescence analysis of estrogen receptor in adult and neonatal mouse vagina Takao MORI, Yoshihide SUZUKI, Momoko MIYAKAWA, Shizuko MURAKAMI, and Yasumasa ARAI
- Key stimuli eliciting the mate refusal posture in the mated female of the cabbage white butterfly, *Pieris rapae crucivora* Yoshiaki OBARA
- Above two, communicated by Kiyoshi TAKEWAKI, M. J. A.
- Mating experiments of isolates derived from the spermatogonial state of *Gymnosporangium asiaticum* . Yasuyuki TETSUKA and Keizo KATSUYA
- Communicated by Naohide HIRATSUKA, M. J. A.
- Prolongation of calcium channel open time by the dihydropyridine derivative BAY K 8644 in cardiac myocytes. Rikuo OCHI, Naoki HINO, and Yoshinari NIIMI
- A highly specific staining of cochlear hair cells by TPI (triphosphoinositide) antibody Tetsuro HORIKOSHI, Keiji YANAGISAWA, and Tohru YOSHIOKA
- Above two, communicated by Yasuji KATSUKI, M. J. A.
- Ultrastructural basis of the microtubule-associated cytoplasmic streaming in *Caulerpa* Eichi MANABE and Kiyoko KURODA
- Communicated by Noburô KAMIYA, M. J. A.
- On the rank of the Hasse-Witt matrix Tetsuo KODAMA
- A note on M-projective modules. II Tsutomu TAKEUCHI
- On a multi-valued differential equation. An existence theorem Toru MARUYAMA
- Above three, communicated by Shokichi IYANAGA, M. J. A.
- Vanishing theorems in asymptotic analysis. II . . . Hideyuki MAJIMA
- On the resolution of two-dimensional singularities . . . Mutsuo OKA
- Above two, 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. Yasaka TAKAGI, M. J. A., had passed away on April 28, 1984; Dr. Teizo OGAWA, M. J. A., had passed away on April 29, 1984. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Noburô KAMIYA, M. J. A., paid a tribute of admiration to the late Dr. Hiroshi TAMIYA'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 17:10 p.m.

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