

PROCEEDINGS AT THE 725TH GENERAL MEETING

The first half of the 725th General Meeting of the Academy was held on Tuesday, January 16, 1979 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Sixty-six members were present, and the following communications were made:

- A simplified derivation of Mikusiński's operational calculus
 Shuichi OKAMOTO
- Studies on holonomic quantum fields. XI
 Mikio SATO, Tetsuji MIWA, and Michio JIMBO
- A construction of the fundamental solution for the Schrödinger equations
 Daisuke FUJIWARA
- Asymptotic equivalence of dynamical systems
 Roger C. MCCANN
- On order star-finite and closure-preserving covers
 Yukinobu YAJIMA
- On the intersection number of the path of a diffusion and chains
 Shojiro MANABE
- On a direct method of constructing multi-soliton solutions
 Etsuro DATE
- Above seven, communicated by Kōsaku, YOSIDA, M. J. A.
- Ammonia-¹⁵N absorption and its transfer to amino-N by the small intestinal sac of rats *in situ*
 Mariko TAKAHASHI, Teru ISHIBASHI, and Masao KAMETAKA
 Communicated by Sankichi TAKEI, M. J. A.
- The chromosomes of the Mongolian Gazelle (*Procapra gutturosa*), a rare species of antelopes
 Hiroaki SOMA, Takashi KIYOKAWA, Kunio MATAYOSHI, Isao TARUMOTO, Minoru MIYASHITA, and Kenjiro NAGASE
- A case of 46, XXq- with Turner's stigmata
 Kazuyuki ISHITOBI and Yoshimichi HARADA
- Accumulation of early mitotic cells in ethidium bromide-treated human lymphocyte cultures
 Tatsuro IKEUCHI and Motomichi SAKAKI
 Above three, communicated by Sajiro MAKINO, M. J. A.
- Comparison of jumping-down skills in differently experienced mice
 Takao KUROKAWA
 Communicated by Kiyoshi TAKEWAKI, M. J. A.
- The *Trigoninoides* basins and the Cretaceous palaeogeography of East and Southeast Asia
 Teiichi KOBAYASHI, M. J. A.
- L*-equivalence classes of submanifolds in complex projective spaces
 Shigeyuki MORITA
 Communicated by Kunihiko KODAIRA, M. J. A.
- Calcium concentration changes in the aesthetasc hairs caused by the environmental salinity shifts
 Shiko CHICHIBU
- Effect of EDTA in the scala media on cochlear potentials
 Yasuo TANAKA, Atsushi ASANUMA, and Keiji YANAGISAWA
 Above two, communicated by Yasuji KATSUKI, M. J. A.

The Meeting adjourned at 3:10 p.m.

The second half of the 725th General Meeting of the Academy was held on Wednesday, January 17, 1979 at 11:00 a.m.

First, President announced that Dr. Matasuke KAWAMURA,

M. J. A., had died on January 4, 1979 and Dr. Sozo KOMACHIYA, M. J. A., on January 6, 1979. The members present rose from their seats in silence, expressing profound sense of grief.

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

The Meetings adjourned at 11:10 a.m.

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