

## 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-<sup>15</sup>N 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,