

## PROCEEDINGS AT THE 773RD GENERAL MEETING

The 773rd General Meeting of the Academy was held on Saturday, November 12, 1983, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- Comparison between English and Japanese basic grammatical structures . . . . . Fumio NAKAJIMA, M. J. A.  
 The Rt. Non. Load Denning M. R. . . . . Sanji SUENOBU, M. J. A.  
 On rational similarity solutions of KdV and m-KdV equations . . . . . Yoshinori KAMETAKA  
 Boundary value problems for some degenerate elliptic equations of second order . . . . . Hirozo OKUMURA  
 Representation of the generator and the boundary condition for semi-groups of operators of kernel type . . . . . Tadashi UENO  
 On the structure of solutions to the self-dual Yang-Mills equations . . . . . Kanehisa TAKASAKI  
 Generalized splitting theorem for map-germs . . . Fumio ICHIKAWA  
 A counterexample to a problem on commuting matrices . . . . . Jiro SEKIGUCHI

- Above six, communicated by Kôzaku YOSIDA, M. J. A.  
 Determination of the sex chromosome in a sex reversed peacock and its karyotype . . . . . Toshihide  
 H. YOSIDA, Masayasu Y. WADA, Yohei SAKAI, and Norio KONDO  
 Karyotype of a Ceylonese type black rat with several chromosome alterations born after  $\gamma$ -irradiations . . . . Toshihide H. YOSIDA  
 Two sibs with regular trisomy 21 from the parents with the normal karyotype . . . . . Tetsuji KADOTANI and Yoko WATANABE

- Above three, communicated by Sajiyo MAKINO, M. J. A.  
 Isolation and regeneration of protoplasts from cultures derived from the spermatogonial state of *Gymnosporangium asiaticum* . . . . . Yasuyuki TETSUKA and Keizo KATSUYA

- Communicated by Naohide HIRATSUKA, M. J. A.  
 The grand Butsuzo overthrust . . . . . Toshio KIMURA and Akihiro MURATA

- Communicated by Teiichi KOBAYASHI, M. J. A.  
 On the Silurian cephalopod faunule from Mt. Yokokura, Kochi Prefecture, Shikoku, Japan . . . . . Teiichi KOBAYASHI, M. J. A.  
 Characterization of muscarinic acetylcholine receptors as glycoproteins . . . . . Hitoshi YAGISAWA, Shunichi YAMAGISHI, and Hiroyuki SUGIYAMA  
 The retinal nerve fibers in the primate optic nervehead . . . . . D. Takao RYU and Don S. MINCKLER

- Above two, communicated by Setsuro EBASHI, M. J. A.  
 Some properties and N-terminal sequence of plastocyanin of the carrot, *Daucus carota* . . . Yasutomo SUGIMURA, Tadashi HOSHINO, Akihiko KARAHASHI, Fuminori YOSHIZAKI, and Masami SHIMOKORIYAMA

- Communicated by Noburô KAMIYA, M. J. A.  
 On geodesic with the same angle . . . . . Tetsunori KUROGI