

PROCEEDINGS AT THE 757TH GENERAL MEETING

The 757th General Meeting of the Academy was held on Friday, March 12, 1982, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-six members were present, and the following communications were made:

- Hegels Habilitationsthesen Takezo KANEKO, M. J. A.
 On the historical development of employment system in Japan . . .
 Kazuo OKOCHI, M. J. A.
 Advance reports on the Permian trilobites of Japan. I. Outline of the
 Permian trilobite fauna
 Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
 Advance reports on the Permian trilobites of Japan. II. Cordaniinae,
 nov. and *Cheiropyge* (*Suturikephalion*), nov.
 Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
 On *Miogypsina* (*Miogypsina*) *kotoi* Hanzawa from Zone N16 on Dogo
 Island, Oki Islands, Japan Kuniteru MATSUMARU
 Communicated by Teiichi KOBAYASHI, M. J. A.
 Remarks on the uniqueness in an inverse problem for the heat equation.
 I Takashi SUZUKI
 On the structure of cohomology groups attached to the integral of
 certain many-valued analytic functions
 Michitake KITA and Masatoshi NOUMI
 The nonstationary Navier-Stokes system with some first order boundary
 condition Yoshikazu GIGA
 Functional equations and hypoellipticity
 Akira TSUTSUMI and Shigeru HARUKI
 Singular integrals on a locally compact Abelian group with an action
 of a compact group Kōichi SAKA
 Above five, communicated by Kōsaku YOSIDA, M. J. A.
 Cross-reacting antibodies to human blood group A and B glyco-
 syltransferases Hisao TAKIZAWA and Shoei ISEKI, M. J. A.
 A karyotypical study of the Conger eel (*Conger myriaster*) in *in vitro*
 cells, with special regard to the identification of the sex chromosome
 Yoshio OJIMA and Hirotsugu UEDA
 Effects of mitomycin C on the frequency of sister chromatid exchanges
 in lymphocytes cultured from patients with Down syndrome . . .
 Youko SUGIMOTO, Makoto HIGURASHI,
 Kumiko IIJIMA, Munehiro HIRAYAMA, and Fumihiko TANAKA
 Above two, communicated by Sajiro MAKINO, M. J. A.
 Modes of actions on the neuromuscular transmission of various chemical
 release modulators
 . . . Takashi MAENO, Koh-ichi ENOMOTO, and Mitsuyuki ICHINOSE
 Communicated by Yasuji KATSUKI, M. J. A.
 Prediction of approximate quaternary structure of troponin complex .
 Kozo NAGANO and Iwao OHTSUKI
 Prenatal exposure of rats to phenytoin develops supersensitivity to
 haloperidol in adulthood
 Tomoko FUJII, Hisamoto IKEDA, and Nobuko YAMAMOTO
 Above two, communicated by Setsuro EBASHI, M. J. A.