

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.

- Classification of projective varieties of Δ -genus one . . Takao FUJITA
 Communicated by Kunihiko KODAIRA, M. J. A.
- Construction of integral basis. III Kōsaku OKUTSU
- On regular elliptic conjugacy classes of the Siegel modular group . .
 Hisaichi MIDORIKAWA
- A note on rings in which every maximal ideal is generated by a central
 idempotent O. A. S. KARAMZADEH and M. MOTAMEDI
 Above three, communicated by Shokichi IYANAGA, M. J. A.
- A versal family of Hironaka's additive group schemes . . Tadao ODA
- Recurrences defining rational approximations to irrational numbers .
 G. V. CHUDNOVSKY
 Above two, communicated by Heisuke HIRONAKA, M. J. A.
- Induction of anchorage independent growth of normal fibroblasts by
 growth factors
 Yoichi KATOH, Kazuo UMEZAWA, and Shozo TAKAYAMA
 Communicated by Toshio KUROKAWA, 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, Dr. Yoshimoto YANASE, M. J. A., paid a tribute of admiration to the late Dr. Jiro TANAKA's meritorious services to academic circles.

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

Then, a decision was made of the recipients of Prizes for this year as follows:

Imperial Prizes and Academy Prizes to:

Kokiti HARA for "L'Oeuvre Mathématique de Pascal"

Shizuo KAKUTANI for "Studies on Functional Analysis"

Academy Prizes to:

Akira OTA for "The Meaning of Negation—Preliminary Studies in Semantics—"

Manabu YUNOKI for "Historical Study of the Marine Transportation in Tokugawa Era, Japan"

Eiichi EGUCHI for "The Deprived State' in Contemporary Japan—An Approach to the Problem of Poverty—"

Ikuo KUSHIRO for "Experimental-petrological Studies on Rock-forming Materials"

Hitoshi KAMADA for "Study on High Sensitive Analytical Instruments and their Application"

Kunio YAGI for "Studies of Flavin Enzymes"

Haruaki YAJIMA for "Studies on the Total Synthesis of Ribonuclease A by a Liquid Phase Method and its Crystallization"

Finally, it was submitted to elect Dr. Ulf Svante Hansson von Euler to the Honorary Membership of the Academy on the recommen-

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dition by Section II. This was approved unanimously.
The Meeting adjourned at 4:45 p. m.

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