

PROCEEDINGS AT THE 755TH GENERAL MEETING

The 755th General Meeting of the Academy was held on Tuesday, January 12, 1982, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- Par value stock and non par value stock . . Ken'ichiro OSUMI, M. J. A.
 On the "Capital" by K. Marx Koichiro SUZUKI, M. J. A.
 Notes on the karyotype of a male hybrid between the domestic cat and
 the leopard cat Toshihide H. YOSIDA
 Communicated by Sajiro MAKINO, M. J. A.
- On the infinitesimal generators and the asymptotic behavior of non-
 linear contraction semi-groups Isao MIYADERA
 An asymptotic formula for the eigenvalues of the Laplacian in a domain
 with a small hole. Shin OZAWA
 On Hirota's difference equations Tetsuji MIWA
 A calculus of the Gauss-Manin system of type A_l . I. The residual
 representation Shinzo ISHIURA and Masatoshi NOUMI
 On preimage and range sets of meromorphic functions
 Fred GROSS and Chung-Chun YANG
 Meromorphic solutions of some difference equations of higher order . .
 Niro YANAGIHARA
 Above six, communicated by Kōsaku YOSIDA, M. J. A.
- Spawning as affected by light conditions in the compound ascidian,
Polyandrocarpa misakiensis
 Koichiro HASHIMOTO and Hiroshi WATANABE
 Vitellogenesis of the Isaza, *Chaenogobius isaza*, controlled by the sub-
 jective diel thermoperiod caused by vertical migration
 Sachiko TAKAHASHI
 Above two, communicated by Kiyoshi TAKEWAKI, M. J. A.
- On Laplacian and Hessian comparison theorems . . Atsushi KASUE
 Gauss Manin system and mixed Hodge structure . . Morihiko SAITO
 On Eisenstein series of degree two for Hilbert-Siegel modular groups
 Shin-ichiro MIZUMOTO
 Above three, communicated by Kunihiro KODAIRA, M. J. A.
- A new rapid method for acid hydrolysis of protein
 Akira TSUGITA and Jean-Jacques SCHEFFLER
 Communicated by Shiro AKABORI, M. J. A.
- On the inducing of unipotent classes for semisimple algebraic groups.
 I. Cases of exceptional type Takeshi HIRAI
 Fourier coefficients of Siegel cusp forms of degree two
 Yoshiyuki KITAOKA
 On Hilbert modular forms. II. Shōyū NAGAOKA
 Construction of integral basis. I. Kōsaku OKUTSU
 Above four, communicated by Shokichi IYANAGA, M. J. A.
- Ultrastructural demonstration of extracellular matrix in *Xenopus*
laevis gastrulae by using cationic dyes, with special reference to
 filamentous masses stained with alcian blue-lanthanum nitrate
 Shinji KOMAZAKI and Reiji HIRAKOW
 Communicated by Teizo OGAWA, 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, the President introduced the following newly elected members :

Hachizo UMEZU, Seiji TANAKA, Shigemitsu DANDO, Taizo TAKAHASHI, Yonezo MORINO, Takeshi MINAKAMI, Takeo NAGAMIYA, Noburo KAMIYA, Ryoichi SADANAGA, Akira WAKURI, Tokichi NODA, Yoshimasa NISHIKAWA, Shinji TAKAHASHI.

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

Finally, the President made a summary report on the activities of the Academy in 1981.

The Meeting adjourned at 4 : 00 p.m.

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