

PROCEEDINGS AT THE 764TH GENERAL MEETING

The 764th General Meeting of the Academy was held on Monday, December 13, 1982, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Eighty-six members were present, and the following communications were made:

- Montesquieu, critique littéraire Toshio SUGI, M. J. A.
 Parents and descendants Shinzo TAKAYANAGI, M. J. A.
 A preliminary note on preferential selection of eudiploid tumor cells
 after deep freezing Toshihide H. YOSIDA
 The assignment of the nucleolus organizer regions in the chromosomes
 of the carp, the funa and their hybrids (Cyprinidae, Pisces)
 Akinori TAKAI and Yoshio OJIMA
 Chromosome abnormalities in adult T-cell leukemia in Japan
 Yukimasa SHIRAIISHI, Takahiro TAGUCHI,
 Kazuhisa MIZOBUCHI, Ichiro KUBONISHI, Kenji NIYYA, Hirokuni
 TAGUCHI, Isao MIYOSHI, Toshio TAMAKI, and Fumitoshi SHIOMI
 Above three, communicated by Sajiyo MAKINO, M. J. A.
 An improved sulphide silver method using hydroquinone derivatives
 in physical developer Mitsuo
 NAKAMURA, Osamu FUJIMORI, Shigetada FUJII, and Tatsuo SHIMADA
 Communicated by Teizo OGAWA, M. J. A.
 Changes in vaginal epithelium of postpubertal mice given a short-term
 treatment with 5α -dihydrotestosterone starting at different early
 postnatal ages Masami TANAKA and Noboru TAKASUGI
 Responses of prolactin cells in the adenohypophysis of bullfrog tad-
 poles to dopamine agonist and antagonist Tatsunori
 SEKI, Shigeyasu TANAKA, Takehisa ISHII, and Sakaé KIKUYAMA
 Above two, communicated by Kiyoshi TAKEWAKI, M. J. A.
 Eigenvalues of the Laplacian on wildly perturbed domain
 Shin OZAWA
 A stationary free boundary problem for a circular flow with or without
 surface tension Hisashi OKAMOTO
 Product formula for nonlinear semigroups in Hilbert spaces
 Yoshikazu KOBAYASHI
 Energy inequality for non strictly hyperbolic operators in the Gevrey
 class Tatsuo NISHITANI
 Branching of singularities for degenerate hyperbolic operator and
 Stokes phenomena. III Kazuo AMANO and Gen NAKAMURA
 On spectral families of projections in Hardy spaces
 Earl BERKSON
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
 Cytoplasmic mutation of male sterility induced by chemical mutagens
 in sugar beets
 Toshiro KINOSHITA, Man-emon TAKAHASHI, and Tetsuo MIKAMI
 Communicated by Naohide HIRATSUKA, M. J. A.
 Studies of the effect of spermidine in enhancing cellular immunity . .
 Masaaki ISHIZUKA, Tomio TAKEUCHI, and Hamao UMEZAWA, M. J. A.

- Pilsenite re-defined and wehrlite discredited
 Tohru OZAWA and Hidehiko SHIMAZAKI
 Communicated by Takeo WATANABE, M. J. A.
- On local isometric immersions of Riemannian symmetric spaces . . .
 Yoshio AGAOKA and Eiji KANEDA
 Communicated by Kunihiro KODAIRA, M. J. A.
- The mean square of Dirichlet L -functions Kohji MATSUMOTO
 A note on non-singular Morse-Smale flows on S^3 . . . Koichi YANO
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- A new nautiloid species from the Cretaceous of Hokkaido
 Tatsuro MATSUMOTO and Takemi TAKAHASHI
 Communicated by Teiichi KOBAYASHI, 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 announced that Dr. Chuji TSUBOI, M. J. A., had passed away on November 19, 1982; Dr. Toshio TAKÉUCHI, M. J. A., on December 12, 1982. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Torataro SHIMOMURA, M. J. A., paid a tribute of admiration to the late Dr. Goichi MIYAKE's meritorious services to academic circles.

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

Finally, the recommendations of both Sections for the new Membership of the Academy, were accepted unanimously. The new members elected are:

Section I: Itsuji YOSHIKAWA (History of Western Art), Masao SEKINE (Old Testament Studies), Toshihiko IZUTSU (Islamology, Oriental Philosophy), Seiji KISHIMOTO (Economic Theories), Mikio SUMIYA (Economics of Labour), Tsutomu OUCHI (Economic Theories and Economic Policy).

Section II: Ryogo KUBO (Physics), Motoo KIMURA (Genetics), Masao YOSHIKI (Naval Architecture, Strength and Vibration of Ships), Yoshiaki ISHIZUKA (Soil Science and Plant Nutrition), Hideo KATAGIRI (Agricultural Chemistry), Takashi SUGIMURA (Biochemistry, Oncology).

The Meeting adjourned at 5:05 p.m.

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