

PROCEEDINGS AT THE 727TH GENERAL MEETING

The 727th General Meeting of the Academy was held on Monday, March 12, 1979 at 11:10 a.m., Dr. Kiyoo WADATI, President, taking the chair. Ninety-four members were present, and the following communications were made:

- An interpretation of Hegel's Phenomenology of Spirit
 Takezo KANEKO, M. J. A.
- A study of the history of moral philosophy on money of Japanese
 people Takeo TSUCHIYA, M. J. A.
- Detection of rheumatoid factor from dried bloodstains
 Shigetaka MATSUZAWA and Yukio ITOH
 Communicated by Shoei ISEKI, M. J. A.
- Black rats from Mauritius with a new karyotype involving the Robert-
 sonian fission. A preliminary note
 Toshide H. YOSIDA, Hatao KATO, Kimiyuki
 TSUCHIYA, Kazuo MORIWAKI, Yuriko OCHIAI, and Jacques MONTY
- Chromosome changes in aged human fibroblast cultures each from Hurler
 syndrome and from Tay Sachs disease . . . Michihiro C. YOSHIDA
- A study of deoxyribonucleoprotein fibers by a modified freeze-replica
 method . . . Yuh H. NAKANISHI, Seizo FUJIKAWA, and Tokio NEI
- Effect of temperature on the poliferation and viability of normal and
 malignant human cells in culture
 Hideo OKUMURA, Yasuhiro UDAGAWA, Kenichiro
 YAMADA, Katsumi TSUKASAKI, Yoshiko AZUMA, and Shiro NOZAWA
 Above four, communicated by Sajiro MAKINO, M. J. A.
- Interpositus neurons controlling lens accommodation
 Takehiko BANDO, Akira ISHIHARA, and Nakaakira TSUKAHARA
 Communicated by Yasuji KATSUKI, M. J. A.
- Studies on benzylolation of phenolic hydroxy groups
 Susumu HATSUNO, Nobuo ITO, and Shigehiko SUGASAWA, M. J. A.
- The implicit function theorem for ultradifferentiable mappings . . .
 Hikosaburo KOMATSU
- Studies on holonomic quantum fields. XII
 Mikio SATO, Tetsuji MIWA, and Michio JIMBO
- Euler's finite difference scheme and chaos
 Masaya YAMAGUTI and Hiroshi MATANO
- Finitely additive measures on N Masahiro YASUMOTO
- On excessive functions L. STOICA
 Above five, communicated by Kôsaku YOSIDA, M. J. A.
- Experiments concerning the distribution of squarefree numbers . . .
 Minoru TANAKA
- On the homogeneous Lüroth theorem Shigeru IITAKA
- A note on the large sieve. III Yoichi MOTOHASHI
- Rational maps to varieties of hyperbolic type . . . Ryuji TSUSHIMA
- On Zariski problem Takao FUJITA
- The Hodge Conjecture and the Tate Conjecture for Fermat varieties . .
 Tetsuji SHIODA
 Above six, communicated by Kunihiro KODAIRA, M. J. A.
- Interaction between the drift current and the slope current. I . . .
 Koji HIDAHA, M. J. A.

- Outline of the Carboniferous Trilobites in Japan
 Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA
 The large Carboniferous strophomenides from the Akiyoshi limestone
 group and their biostratigraphical significance . . . Juichi YANAGIDA
 An interesting mode of occurrence of *Polyptychoceras* (Cretaceous
 Heteromorph Ammonoid)
 Tatsuro MATSUMOTO and Mitsutoshi NIHONGI
 Above two, communicated by Teiichi KOBAYASHI, M. J. A.
 The accessory optic system in the rat. The inferior and superior ac-
 cessory optic tracts D. Takao RYU
 The accessory optic tract in the rat. Evidence for the retino-suprachia-
 smatic tract D. Takao RYU
 Above two, communicated by Teizo OGAWA, M. J. A.
 Electron microscopic study on two types of reflecting cells in the ventral
 skin of the sand eel, *Ammodytes personatus* . . . Yoshihisa KAMISHIMA
 Communicated by Kiyoshi TAKEWAKI, 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, President announced that Dr. Kiyoto FURUNO, M. J. A., had died on March 1, 1979. The Members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Ken'ichiro OSUMI, M. J. A., and Dr. Yoshio FUJITA, M. J. A., paid a high tribute respectively to the late Dr. Sozo KOMACHIYA's and the late Dr. Yusuke HAGIHARA's meritorious services to the academic circles.

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

The Meeting adjourned at 5:10 p.m.

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