

PROCEEDINGS AT THE 829TH GENERAL MEETING

The 829th General Meeting of the Academy was held on Friday, May 12, 1989, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-seven members were present, and the following communications were made:

- Influences of European sciences in pre-modern China Kiyosi YABUUTI, M. J. A.
- A chromosomal aberrations on senile dementia Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, and Hidetoshi KODAMA
- The chromosome fragility in the parents and their babies Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Hitoshi KOBASHI, and Hiroshi NAGAI
- A chromosomal study on 61 cases with mental retardation Suzue KANATA, Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Toshio KUMADA, and Osamu TOI
- The chromosomal fragility in gynecological cancer Tetsuji KADOTANI, Yoko WATANABE, Noriko KUROSAKI, Koh KAWAGOE, and Haruo MASUDA
- The occurrence of microfibrils connecting pigment granules in the erythrocytes on the ventral nerve cord of the shrimp, *Caridina denticulata* Mitsuharu MIYAWAKI and Yoko TAKETOMI
- Establishment of a fish cell line transformed by MNNG, RFM Yutaka TAKARADA, Yoshio OJIMA, and Akinori TAKAI
- Isolation and characterization of a BUdR-resistant fish cell line Jiyang WANG and Yoshio OJIMA
- Above seven, communicated by Sajiro MAKINO, M. J. A.
- Note on the reproducing property of the Bergman kernel Akira KAKEKO
- Unique solvability of nonlinear Fuchsian equations Nour Said MADI and Masafumi YOSHINO
- An elementary proof of an order preserving inequality Takayuki FURUTA
- Some results on asymptotic stability by extending Matrosov's theorems Teruyo WADA
- Properties of certain analytic functions Hitoshi SAITOH
- Above five, communicated by Kôzaku YOSIDA, M. J. A.
- Positron annihilation lifetime measurement of pure iron irradiated by fission and fusion neutrons Eiichi KURAMOTO and Minoru TAKENAKA
- Communicated by Ryukiti HASIGUTI, M. J. A.
- A discrepancy problem with applications to linear recurrences. I Péter KISS and Robert F. TICHY
- Zeta zeros, Hurwitz zeta functions and $L(1, \chi)$ Akio FUJII
- Above two, communicated by Shokichi IYANAGA, M. J. A.
- A further examination of existence of primary technetium in nature Akimasa MASUDA and Qi LU
- Communicated by Minoru ODA, M. J. A.
- A spectral decomposition of the product of four zeta-values Yoichi MOTOHASHI
- On the structure and the homology of the Torelli group

. Shigeyuki MORITA
 On Escobales-Parker's theorem Byung Hak KIM
 Above three, communicated by Kunihiko KODAIRA, 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. Takayuki SOMIYA, M. J. A., had passed away on May 8, 1989; Dr. Shohei TAKAMURA, M. J. A., on May 11, 1989. The members rose from their seats in silence, expressing profound sense of grief.

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

The Meeting adjourned at 4:20 p.m.

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