

PROCEEDINGS AT THE 743RD GENERAL MEETING

The 743rd General Meeting of the Academy was held on Wednesday, November 12, 1980, at 1:05 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-two members were present, and the following communications were made:

- Reproduction of works in another genre Masaaki KATSUMOTO, M. J. A.
 The assignment of the nucleolar organizer in the chromosomes of the
Funa (Carassius, Cyprinidae, Pisces) Yoshio OJIMA and Takashi YAMANO
 Segregation of karyotypes in the F_2 generation of the hybrids between
 Mauritius and Oceanian type black rats with a note on their litter
 size Toshihide H. YOSIDA
 Stimulation of melanogenesis in melanoma cells growing in serum-free
 medium by fetal bovine serum and dimethylsulfoxide Kunio IWATA and Naomichi INUI
 Induction of sister chromatid exchanges by cyclophosphamide in human
 lymphocytes with metabolic activation Kiyoshi INOUE,
 Tadayoshi SHIBATA, Shinichi MISAWA, Tatsuo ABE, and Keiichi KAWAI
 Above four, communicated by Sajiro MAKINO, M. J. A.
 On the regularity of arithmetic multiplicative functions. I J. -L. MAUCLAIRE and Leo MURATA
 On certain numerical invariants of mappings over finite fields. III Takashi ONO
 Above two, communicated by Shokichi IYANAGA, M. J. A.
 Studies on holonomic quantum fields. XVII Michio JIMBO and Tetsuji MIWA
 Calculus on Gaussian white noise. II Izumi KUBO and Shigeo TAKENAKA
 Approximate innerness of positive linear maps of factors of type II
 Hideo TAKEMOTO
 On a result of T. Watanabe on excessive functions . . . L. STOICA
 On a stability of essential spectra of laplace operators on non-compact
 Riemannian manifolds Kenrô FURUTANI
 A remark concerning the extensions of some group C^* -algebras Ryo ICHIHARA
 On a difference system of the integrals of Pochhammer Toshihiro WATANABE
 Above seven, communicated by Kôzaku YOSIDA, M. J. A.
 An improved preparation of β -chloropropionaldehyde Yasuhiko SATO and Shigehiko SUGASAWA, M. J. A.
 Deformylation of Formamides Shinichi KODATO and Shigehiko SUGASAWA, M. J. A.
Tetrahymena histone sequences and their implications for phylogeny of
 protozoa . . Hiroaki HAYASHI, Minoru NOMOTO, and Koichi IWAI
 Communicated by Shoei ISEKI, M. J. A.
 A mutant of *Tetrahymena* with non-excitabile membrane Mihoko TAKAHASHI, Hiroshi ONIMARU, and Yutaka NAITOH