

PROCEEDINGS AT THE 735TH GENERAL MEETING

The 735th General Meeting of the Academy was held on Saturday, January 12, 1980 at 1 : 00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Ninety-five members were present, and the following communications were made :

- Conflicts in the Yamazaki Ansai school . . Masao MARUYAMA, M. J. A.
 Dr. H. Kawakami and his social philosophy kazuō OKOCHI, M. J. A.
 Effect of glutamate decarboxylase- and GABA transaminase-inhibitors
 on the GABA (γ -aminobutyric acid) level in the isolated pancreatic
 islets and the hippocampal slice of the rat *in vitro*
 Yasuhiro OKADA and Hiroshi TANIGUCHI
 Communicated by Teizo OGAWA, M. J. A.
- Relation between the induction of sister chromatid exchanges with
 mitomycin C and the DNA synthetic activity
 Yū SASAKI and Susumu TAKAYAMA
- A preliminary note on the Marker chromosomes of the Usubuchi
 sarcoma cells
 Yoshitaka OBARA, Hitoshi SATOH, and Kazuo SAITO
- Chromosome changes and *in vitro* transformation of hamster embryonic
 lung cells induced by dimethylnitrosamine in combination with an
 activation system. A preliminary note
 Yoshisuke NISHI, Makiko M. HASEGAWA, and Naomichi INUI
 Above three, communicated by Sajiro MAKINO, M. J. A.
- A Note on Mikusiński's operational calculus
 Kōsaku YOSIDA, M. J. A., and Shūichi OKAMOTO
- The first eigenvalues of an operator related to selection in population
 genetics Norio SHIMAKURA
- Note on nonlinear Volterra integral equation in Hilbert space
 Hiroki TANABE
- On the initial boundary value problem of the linearized Boltzmann
 equation in an exterior domain Seiji UKAI and Kiyoshi ASANO
- On the microlocal structure of a regular prehomogeneous vector space
 associated with $GL(8)$ Ikuzō OZEKI
- On a certain integral equation of Fredholm of the first kind and a
 related singular integral equation
 Yoshio HAYASHI and R. A. HURD
 Above five, communicated by Kōsaku YOSIDA, M. J. A.
- Representation groups of the group $\mathbb{Z}_p^n \times \mathbb{Z}_p^n$ Kanzi SUZUKI
- On the cohomology of \mathbb{Q} -divisors Yujiro KAWAMATA
 Above two, communicated by Kunihiko KODAIRA, M. J. A.
- Modification of sodium and potassium channel activities of squid
 giant axon by non-electrolytes
 Fumio KUKITA and Shunichi YAMAGISHI
 Communicated by Yasuji KATSUKI, M. J. A.
- On unramified $SL_2(F_4)$ extensions of an algebraic function field
 Hidenori KATSURADA
- A reciprocity law in some relative quadratic extensions Hideji ITO