

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

On $2p$ -fold transitive permutation groups. II . . . Mitsuo YOSHIKAWA
 Above three, communicated by Shokichi IYANAGA, M. J. A.
 Preliminary note on the upper part of the Akasaka Limestone Group,
 Japan Sumio SAKAGAMI
 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 introduced to the Meeting the following new member: Takeyoshi KAWASHIMA.

Next, the President announced that Dr. Shinjiro KITAZAWA, M. J. A., had died on January 3, 1980. The members rose from their seats in silence, expressing profound sense of grief.

Then, Dr. Takeshi SAITO, M. J. A., paid a high tribute to the late Dr. Kochi DOI's meritorious services to the academic circles.

Finally, the Chairmen of both Section made reports on the matters dealt with at the Sectional Meetings.

The Meeting adjourned at 4:37 p. m.

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