

## PROCEEDINGS AT THE 785TH GENERAL MEETING

The 785th General Meeting of the Academy was held on Saturday, 12 January, 1985, at 1:00 p.m. Dr. Hiromi ARISAWA, President, taking the chair. Ninety-four members were present, and the following communications were made:

- On fictions . . . . . Saburo KURUSU, M. J. A.  
 Oil tanker—Japan in the World—II. After the World War II . . . .  
 . . . . . Yoshitaro WAKIMURA, M. J. A.  
 An *in vitro* study of the effect of an eyestalk hormone on the midgut red  
 chromatophores of a freshwater shrimp, *Caridina denticulata* . . .  
 . . . . . Mitsuharu MIYAWAKI and Takanori TSURUDA  
 Karyotypes and chromosome banding patterns of the Japanese water  
 shrew, *Chimarrogale platycephala platycephala* . . . . .  
 . . . . . Yoshitaka OBARA and Takashi TADA  
 Breeding, genetics and cytogenetics of the soft-furred rat, *Millardia  
 meltada*. IV. Karyotype analyses of 18 mammary tumors developed  
 spontaneously in the inguinal regions of the male specimens . . . .  
 . . . . . Toshihide H. YOSIDA  
 Breeding, genetics and cytogenetics of the soft-furred rat, *Millardia  
 meltada*. V. Karyological study on a methylchoranthrene induced  
 tumor . . . . . Toshihide H. YOSIDA  
 Spontaneous and mitomycin-C induced sister chromatid exchanges in  
 cells from patients with tuberous sclerosis . . . . . Sumio IIJIMA,  
 Makoto HIGURASHI, Tatsuya TAKESHITA, and Masuko FUNAHASHI  
 A case of X/XX/Xr(X) derived from the father with the chromosome  
 aberrations . . . . . Tetsuji KADOTANI,  
 Suzue KANATA, Setsuji KUBO, Hidetoshi KODAMA, and Yoko WATANABE  
 Above six, communicated by Sajiro MAKINO, M. J. A.  
 A study of a certain non-conventional operator of principal type. II  
 . . . . . Atsushi YOSHIKAWA  
 Instability of periodic solutions of some evolution equations governed  
 by time-dependent subdifferential operators . . . . .  
 . . . . . Nobuyuki KENMOCHI and Mitsuharu ÔTANI  
 On topological dynamical systems with discrete spectrum . . . . .  
 . . . . . Koukichi SAKAI  
 Above three, communicated by Kôsaku YOSIDA, M. J. A.  
 Postnatal development of inhibitory control and sucking-induced acti-  
 vation of pituitary pars intermedia in infant mice. A morphometric  
 study . . . . . Yasuo KOBAYASHI and Makoto TAKEUCHI  
 Communicated by Kiyoshi TAKEWAKI, M. J. A.  
 Tumor promoting activities of new synthetic analogues of teleocidin . .  
 . . . . . Hirota FUJIKI, Masami SUGANUMA,  
 Hiromi HAKII, Michie NAKAYASU, Yasuyuki ENDO, Koichi SHUDO,  
 Kazuhiro IRIE, Koichi KOSHIMIZU, and Takashi SUGIMURA, M. J. A.  
 A formula of eigen-function expansions I. Case of asymptotic trees  
 . . . . . Kazuhiko AOMOTO  
 Communicated by Kunihiro KODAIRA, M. J. A.  
 Morphology and intracellularly recorded action potentials of crustacean  
 X-organ-sinus gland systems stained with Lucifer yellow . . . . .  
 . . . . . Misako NAGANO  
 Communicated by Yasuji KATSUKI, M. J. A.

- On the spaces of self homotopy equivalences for fibre spaces . . . . .  
 . . . . . Tsuneyo YAMANOSHITA  
 Gauss sums of prehomogeneous vector spaces . . . . .  
 . . . . . Akihiko GYOJA and Noriaki KAWANAKA  
 On modules with finite spanning dimension . . . . .  
 . . . . . Bhavanari SATYANARAYANA  
 Above three, communicated by Shokichi IYANAGA, M. J. A.  
 Codon usage in *Mycoplasma capricolum* . . . . .  
 Akira MUTO, Fumiaki YAMAO, Yasushi KAWAUCHI, and Syozo OSAWA  
 Communicated by Motoo KIMURA, M. J. A.  
 On the Dikelokephaliniidae (Trilobita) . . . . . Teiichi KOBAYASHI, M. J. A.  
 The Taihungshaniidae and Birmanitidae, Trilobita . . . . .  
 . . . . . Teiichi KOBAYASHI, M. J. A.  
 A new Inoceramid (Bivalvia) species from the Upper Campanian (Cre-  
 taceous) of Hokkaido . . . . . Tatsuro MATSUMOTO and Masayuki NODA  
 Communicated by Teiichi KOBAYASHI, M. J. A.

Before the communication of papers, the Chairmen of each Section introduced the following newly elected members:

Section I: Hajime NAKAMURA, Shiro MASUDA, Hideo AOYAMA.

Section II: Saburo NAGAKURA.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

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

Next, the President made a report on the activities of the Academy in 1984.

The Meeting adjourned at 4:35 p.m.

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