

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.