

PROCEEDINGS AT THE 737TH GENERAL MEETING

The 737th General Meeting of the Academy was held on Wednesday, March 12, 1980 at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-three members were present, and the following communications were made:

- Hennequin, successeur et critique de Taine . . Toshio SUGI, M. J. A.
 On Prof. Hazime Kawakami: The Story of Poverty Yoshitaro WAKIMURA, M. J. A.
 A note on asymptotic strong convergence of nonlinear contraction semigroups Hiroko OKOCHI
 A solution to a problem on the asymptotic behavior of nonexpansive mappings and semigroups Simeon REICH
 Some Remarks on nonlinear ergodic theorems in Banach spaces . . . Kazuo KOBAYASI and Isao MIYADERA
 Potential operators associated with absorbing Bessel processes . . . Junji TAKEUCHI
 Monodromy preserving deformation of linear differential equations with irregular singular points Kimio UENO
 Monodromy preserving deformation and its application to soliton theory Kimio UENO
 Lévy's functional analysis in terms of an infinite dimensional Brownian motion. I Yoshihei HASEGAWA
 Lévy's functional analysis in terms of an infinite dimensional Brownian motion. II Yoshihei HASEGAWA
 Above eight, communicated by Kôzaku YOSIDA, M. J. A.
 Restoration of normal responsiveness of vaginal and uterine epithelia to estrogen in neonatally estrogenized, A-vitaminized adult mice . . Hiroshi TACHIBANA and Noboru TAKASUGI
 Communicated by Kiyoshi TAKEWAKI, M. J. A.
 The most probable mechanism of the negative geotaxis of *Paramecium caudatum* Keiji FUKUI and Hiroshi ASAI
 Communicated by Setsuro EBASHI, M. J. A.
 Ca²⁺ sensitive thin filament from chicken gizzard smooth muscle . . Yoshiaki NONOMURA, Takashi MIKAWA, and Setsuro EBASHI, M. J. A.
 Dynamics of ocean currents parallel to a long straight coast Koji HIDAKA, M. J. A.
 Agglutinins which react with *N*-deacetylase treated blood group A red cells and A substance in human sera Ken FURUKAWA and Kyoko MACHIDA
 Communicated by Shoei ISEKI, M. J. A.
 A study of the C-banded chromosomes in some species of Heteropteran insects Naoto MURAMOTO
 Y chromatin and estrogen . . . Kumiko IJIMA, Makoto HIGURASHI, Shinobu MIYAHARA, Munehiro HIRAYAMA, and Keiko FUKUTANI
 Cytogenetic evidence of the giant diploid oocytes capable of developing into digynic triploids in the Chinese hamster Kenji FUNAKI and Kazuya MIKAMO