

PROCEEDINGS AT THE 746TH GENERAL MEETING

The 746th General Meeting of the Academy was held on Thursday, February 12, 1981, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-five members were present, and the following communications were made:

- Interpretation and theory of Meiji Constitution Yoshimoto YANASE, M. J. A.
- Studies on the karyotype differentiation of the Norway rat. V. Hypotrichotic mutant rats appeared in the inversion stock (LEM) Toshihide H. YOSIDA
- Effect of 2',3'-dideoxythymidine—a precursor of a specific inhibitor of DNA polymerase β —on induction of sister chromatid exchanges by ethyl methanesulfonate. A preliminary note Yoshisuke NISHI, Makiko M. HASEGAWA, and Naomichi INUI
- Detailed and banding karyotype analyses of the Medaka, *Oryzias latipes* in cultured cells Hiroshi UWA and Yoshio OJIMA
- Above three, communicated by Sajiro MAKINO, M. J. A.
- On some Schrödinger type equations Sigeru MIZOHATA
- The Stokes operator in L_r spaces Yoshikazu GIGA
- Spatial growth of solutions of a non-linear equation Kōhei UCHIYAMA
- On the Trotter product formula Tetsuya KOYAMA and Takashi ICHINOSE
- Remarks on the deficiencies of algebroid functions of finite order Tsuneo SATO
- On the equivalence of certain comparison theorems for holonomic systems of differential equations Masatoshi NOUMI
- On the boundedness and the attractivity properties of non-linear second order differential equations Sadahisa SAKATA and Minoru YAMAMOTO
- Above seven, communicated by Kōsaku YOSIDA, M. J. A.
- Carbamylcholine-effect on inositol phospholipids in acetylcholine receptor membranes from *Narke japonica* Fumio HAYASHI, Masahiro SOKABE, and Taisaku AMAKAWA
- Initiation of the spike by intracellularly perfused calcium in squid giant axons Shunichi YAMAGISHI and Kishio FURUYA
- Above two, communicated by Yasuji KATSUKI, M. J. A.
- Class number calculation and elliptic unit. II. Quartic case Ken NAKAMURA
- On certain numerical invariants of mappings over finite fields. V Takashi ONO
- Zeta functions in several variables associated with prehomogeneous vector spaces. II. A convergence criterion Fumihiko SATO
- A note on a conjecture of K. Harada Masao KIYOTA and Tetsuro OKUYAMA
- On the regularity of arithmetic multiplicative functions. II J.-L. MAUCLAIRE and Leo MURATA
- Above five, communicated by Shokichi IYANAGA, M. J. A.