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) . . . . . Tosihide 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 Kôsaku 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 NAKAMULA

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 . . . Fumihiro 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.

Gel electrophoretic study of nemaline muscle . . . . . Hideo SUGITA, Shoichi ISHIURA, Ikuya NONAKA, Kazuyo OHASHI, and Koscak MARUYAMA
Communicated by Setsuro EBASHI, M. J. A.
On Eisenstein series of degree two . . . . . Nobushige KUROKAWA and Shin-ichiro MIZUMOTO
Congruences between Siegel modular forms of degree two. II . . . . . Nobushige KUROKAWA
Above two, communicated by Kunihiko KODAIRA, M. J. A.
Effects of gonadotropins on the testes of neonatally androgenized mice . . . . . Yasuhiko OHTA
Communicated by Kiyoshi TAKEWAKI, 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, Dr. Kazuo OKOCHI, M. J. A., paid a high tribute to the late Dr. Moritaro YAMADA's meritorious services to the academic circles.

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

The Meeting adjourned at 5 : 20 p.m.

日本学士院紀要

昭和五十六年二月　第五十七巻A　第二号

昭和五十六年三月五日　印刷
昭和五十六年三月八日　発行

編集兼発行者　日本学士院
東京都台東区上野公園七の三十二

印刷所　株式会社東京プレス
東京都板橋区桜川二丁目二七の十二

印刷者　依田高夫
東京都板橋区桜川二丁目二七の十二

Printed by
TOKYO PRESS COMPANY LIMITED
No. 27-12, Sakuragawa 2-chome, Itabashi-ku,
Tokyo 174 Japan
Tel.: (932) 9291～4

FEBRUARY, 1981 VOL. LVII, Ser. A, No. 2

CONTENTS

(*Continued from Front Cover*)

Page

S. KUROKAWA and S. MIZUMOTO: On Eisenstein Series of Degree Two 134

S. KUROKAWA: Congruences between Siegel Modular Forms of Degree Two. II 140

Proceedings at the 746th General Meeting III