

PROCEEDINGS AT THE 732ND GENERAL MEETING

The 732nd General Meeting of the Academy was held on Friday, October 12, 1979 at 1 : 00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Seventy-eight members were present, and the following communications were made :

- Jacob Burckhardt as art historian, culture historian, philosopher of history Torataro SHIMOMURA, M. J. A.
- Chick embryonic cartilage has a developmentally regulated lectin specific for galactose-containing saccharides
 Tatsuya YAMAGATA and Tomoko NISHIWAKI
 Communicated by Shiro AKABORI, M. J. A.
- Studies on holonomic quantum fields. XV. Double scaling limit of one dimensional XY model
 Michio JIMBO, Tetsuji MIWA, and Mikio SATO
- On a nature of convergence of some Feynman path integrals. II . . .
 Daisuke FUJIWARA
- On a construction of multi-soliton solutions of the Pohlmeyer-Lund-Regge system and the classical massive Thirring model
 Etsuro DATE
- On the existence of solutions for linearized Euler's equation
 Atsushi INOUE and Tetsuro MIYAKAWA
- A generalization of a theorem of Marotto
 Kenichi SHIRAIWA and Masahiro KURATA
- On the pseudo-parabolic regularization of the generalized Kortweg-de Vries equation Tadayasu TAKAHASHI
- On sufficient conditions for the boundedness of pseudo-differential operators Tosinobu MURAMATU and Michihiro NAGASE
 Above seven, communicated by Kôsaku YOSIDA, M. J. A.
- On an explicit construction of Siegel modular forms of genus 2 . . .
 Hiroyuki YOSHIDA
 Communicated by Kunihiko KODAIRA, M. J. A.
- Computation of ocean currents from the distribution of density of water Koji HIDAKA, M. J. A.
- Computation of three-dimensional ocean currents
 Koji HIDAKA, M. J. A.
- Discrimination of amino acid by anticodon and discriminator base . .
 Mikio SHIMIZU
 Communicated by Masao KOTANI, M. J. A.
- J -compatible orthodox semigroups Miyuki YAMADA
- Homotopy classification of connected sums of sphere bundles over spheres. I Hiroyasu ISHIMOTO
- Irreducible characters of p -solvable groups
 Tetsuro OKUYAMA and Masayuki WAJIMA
- A note on modular forms mod p Masao KOIKE
 Above three, communicated by Shokichi IYANAGA, M. J. A.
- Synteny of the genes for adenylate kinase and phosphoglucomutase in the rat and their assignment to rat chromosome 5
 Michihiro C. YOSHIDA

- Chromosomal anomalies caused by preovulatory overripeness of the primary oocyte Yujiroh KAMIGUCHI, Kenji FUNAKI, and Kazuya MIKAMO
 Above two, communicated by Sajiro MAKINO, M. J. A.
- Nucleus raphe pallidus of rat medulla oblongata. A possible contact point of serotonergic and catecholaminergic systems Momoko MIYAKAWA and Takeshi USUI
 Communicated by Setsuro EBASHI, M. J. A.
- Unit responses of the cat's auditory cortex to synthesized formants . . . Naoshige MARUYAMA, Katsunori SAITOH and Masaharu KUDOH
- A new automatic method for measuring cell electrophoretic mobility Motomu SHIMIZU, Takao IWAGUCHI, Norihisa KIKUTANI, Takeshi MOTOMIYA, and Hiroh YAMAZAKI
 Above two, communicated by Yasuji KATSUKI, 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, President announced that Dr. Naoshiro TSUJI, M. J. A., had died on September 24, 1979; the Members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Eikiti HIRATSUKA, M. J. A., paid a high tribute to the late Dr. Yuzuru OKUDA's meritorious services to the academic circles.

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

The Meeting was adjourned at 4 : 20 p. m.

日本学士院紀要

昭和五十四年十月 第五十五卷A 第八号

昭和五十四年十一月五日 印刷
昭和五十四年十一月八日 発行

編集兼 日 本 学 士 院
発行 者 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

CONTENTS

(Continued from Front Cover)

	Page
T. OKUYAMA and M. WAJIMA: Irreducible Characters of p -Solvable Groups	309
M. KOIKE: A Note on Modular Forms mod p	313
Proceedings at the 732nd General Meeting	XXIX