

## PROCEEDINGS AT THE 766TH GENERAL MEETING

The 766th General Meeting of the Academy was held on Saturday, February 12, 1983, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-seven members were present, and the following communications were made:

- On "Jinkeisho" . . . . . Teiji ICHIKO, M. J. A.
- On the nature of judicial precedents. From the view-point of the stability of law . . . . . Shigemitsu DANDO, M. J. A.
- Characteristics of monoclonal antibody against phosphatidylinositol bisphosphate . . . . . Tohru YOSHIOKA and Kimie INOMATA
- Neomycin blockade of  $K^+$  channels from sarcoplasmic reticulum membranes incorporated in planar bilayers . . . . . Masahiro SOKABE  
Above two, communicated by Yasuji KATSUKI, M. J. A.
- On surfaces of class  $VII_0$  with global spherical shells . . . . . Iku NAKAMURA
- Integrality of certain algebraic values attached to modular forms . . . . . Shin-ichiro MIZUMOTO
- Hodge filtrations on Gauss-Manin systems. II . . . . . Morihiko SAITO  
Above three, communicated by Kunihiko KODAIRA, M. J. A.
- The third record of association between bivalve mollusks and zooxanthellae . . . . . Siro KAWAGUTI  
Communicated by Kiyoshi TAKEWAKI, M. J. A.
- Rat glomerulonephritis induced by soluble antigens from bovine glomerular basement membrane . . . . . Yoshikazu SADO, Tohru OKIGAKI, and Satimaru SENO  
Communicated by Shigeo TAKAHARA, M. J. A.
- Non-uniqueness in the Cauchy problem for partial differential operators with multiple characteristics . . . . . Shizuo NAKANE
- Surjectivity for a class of dissipative operators . . . . . Yoshikazu KOBAYASHI
- Branching of singularities for degenerate hyperbolic operator and Stokes phenomena. IV . . . . . Kazuo AMANO and Gen NAKAMURA
- Transmutation theory for certain radial operators . . . . . Robert CARROLL
- Formation of singularities for Hamilton-Jacobi equation. I . . . . . Mikio TSUJI
- On nonlinear hyperbolic evolution equations with unilateral conditions dependent on time . . . . . Shigeru SASAKI  
Above six, communicated by Kôzaku YOSIDA, M. J. A.
- On consistency relations for polynomial splines at mesh and mid points . . . . . Manabu SAKAI
- On certain cubic fields. I . . . . . Mutsuo WATABE  
Above two, communicated by Shokichi IYANAGA, M. J. A.
- Safety of measles vaccination to the patients with Down syndrome on the chromosomal level . . . . . Atsumi KOMURO, Makoto HIGURASHI, Kumiko IIJIMA, Fumihiko TANAKA, Hiroki HOSHINA, and Munehiro HIRAYAMA  
Communicated by Sajiro MAKINO, 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, the President announced that Dr. Tomio TEZUKA, M. J. A., had passed away on February 12, 1983. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Takezo KANEKO, M. J. A., paid a tribute of admiration to the late Dr. Toshio TAKEUCHI's meritorious services to academic circles.

Finally, the President made a report on the activities of the Academy in 1982.

The Meeting adjourned at 5:15 p.m.

# 日本学士院紀要

昭和五十八年二月 第五十九卷A 第二号

昭和五十八年三月五日 印刷  
昭和五十八年三月八日 発行

編集兼  
発行 著 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 東 京 プ レ ス  
会 社 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

