

## PROCEEDINGS AT THE 738TH GENERAL MEETING

The 738th General Meeting of the Academy was held on Saturday, April 12, 1980 at 1:05 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-six members were present, and the following communications were made:

- "SAKAI" in the trade history of Japan . . . Atsushi KOBATA, M. J. A.  
 Corporate Law and practice . . . . . Takeo SUZUKI, M. J. A.  
 Ultradifferentiability of solutions of ordinary differential equations . .  
 . . . . . Hikosaburo KOMATSU  
 Deformation of linear ordinary differential equations. I . . . . .  
 . . . . . Michio JIMBO and Tetsuji MIWA  
 Deformation of linear ordinary differential equations. II . . . . .  
 . . . . . Michio JIMBO and Tetsuji MIWA  
 Multi-dimensional generalizations of the Chebyshev polynomials. I . .  
 . . . . . K. B. DUNN and R. LIDL  
 Multi-dimensional generalizations of the Chebyshev polynomials. II . .  
 . . . . . K. B. DUNN and R. LIDL  
 On inclusion relations between two methods of summability . . . . .  
 . . . . . Hiroshi HIROKAWA

Above six, communicated by Kôsaku YOSIDA, M. J. A.

- The control of growth and development in *Bombyx mori*. XLI. Control  
 of hormonal antagonistic balance regarding insect development by  
 brain hormone . . . . . Seiji MOROHOSHI  
 Growth of human cervical epithelial cells *in vitro* . . . . .  
 . . . . . Tohru OKIGAKI, Allegría KESSOUS, and René SIMARD  
 Electron microscopic study on the chromatin extracted from wheat germ  
 and seedlings . . . . .  
 . . . . . Mamoru SUGITA, Yuh H. NAKANISHI, and Kimiko SASAKI

Above three, communicated by Sajiro MAKINO, M. J. A.

- Interaction between normal human IgG3 carrying Gm(b<sup>1</sup>, b<sup>3</sup>), (g), (s, t)  
 and protein A-sepharose CL-4B . . . . .  
 . . . . . Shigenori ITO, Tokiko MIYAZAKI, and Hideo MATSUMOTO  
 Communicated by Shoei ISEKI, M. J. A.

- A new species of *Endophylloides* (Uredinales) from Japan . . . . .  
 . . . . . Naohide HIRATSUKA, M. J. A., and Shigeru KANEKO  
 Polyphenoloxidase activation of *Lentinus edodes* (Berk.) Sing. induced  
 by *Trichoderma* invasion . . . . . Keisuke TOKIMOTO

Communicated by Naohide HIRATSUKA, M. J. A.

- Improved method for quantitation of biosynthesized human globin  
 chains in reticulocytes by use of urea cellulose acetate membrane  
 electrophoresis . . . . .  
 . . . . . Teruo HARANO, Satoshi UEDA, Keiko HARANO, and Susumu SHIBATA  
 Communicated by Shigeo TAKAHARA, M. J. A.

- Time-resolved X-ray diffraction from frog skeletal muscle during short-  
 ening against an inertial load and a quick release . . . . .  
 . . . . . Yoshiyuki AMEMIYA, Tsukasa  
 TAMEYASU, Hidehiro TANAKA, Hiroo HASHIZUME, and Haruo SUGI  
 Kinetic analysis of a large facilitatory action of 4-aminopyridine on

- the motor nerve terminal of the neuromuscular junction . . . . .  
 . . . . . Takashi MAENO  
 Release of endogenous glutamate from the neuromuscular junction of  
 the crayfish . . Akira TAKEUCHI, Kayoko ONODERA, and Reiko KAWAGOE  
 Above three, communicated by Yasuji KATSUKI, M. J. A.  
 A new Permian species of *Pseudophillipsia* (Trilobita) with spatulate  
 genal spines . . Teiichi KOBAYASHI, M. J. A., and Takashi HAMADA  
 On the general principal ideal theorem . . . . . Katsuya MIYAKE  
 Multiple torsion theories over left and right perfect rings . . . . .  
 . . . . . B. J. GARDNER  
 Suites limite-périodiques et théorie des nombres. I . . J.-L. MAUCLAIRE  
 Above three, communicated by Shokichi IYANAGA, M. J. A.  
 On a kind of divisor problem. II . . . . .  
 . . Shigeru KANEMITSU and Rudrabhatla SITA RAMA CHANDRA RAO  
 On a conjecture of S. Chowla and of S. Chowla and H. Walum. III  
 . . Shigeru KANEMITSU and Rudrabhatla SITA RAMA CHANDRA RAO  
 On formal analytic Poincaré lemma . . . . . Akira FUJIKI  
 A remark on Ribet's theorem . . . . . Hajime NAKAZATO  
 Above four, communicated by Kunihiko KODAIRA, 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. Ichiro NAKAYAMA, M. J. A., had died on April 9, 1980; the members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Kenjiro KIMURA, M. J. A., Dr. Kiyoo WADATI, M. J. A., and Dr. Takayuki SOMIYA, M. J. A., paid a high tribute respectively to the late Dr. Yuji SHIBATA's, Dr. Giichi YAMAMOTO's, and Dr. Yoshiyuki TOYAMA's meritorious services to the academic circles.

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

The Meeting adjourned at 4:37 p.m.

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