

PROCEEDINGS AT THE 867TH GENERAL MEETING

The 867th General Meeting of the Academy was held on Friday, March 12, 1993, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Seventy-seven members were present, and the following communication were made:

- Passenger class distinctions of the victorian railways Yoshitaka KOMATSU, M. J. A.
- Macromolecular recognition. Formation of inclusion complexes of polymers with cyclodextrins Akira HARADA, Jun LI, and Mikiharu KAMACHI
- Interaction of a fusogenic liposome with HeLa cell. Yukihiisa OKUMURA, Masahiro YAMAUCHI, Minoru YAMAMOTO, and Junzo SUNAMOTO
Above two, communicated by Seizo OKAMURA, M. J. A.
- Technical studies on the white-glazed sherds excavated from the archaeological site, A'Ali in Bahrain Tastuo SASAKI, Tetsuo UCHIDA, Takayasu KOEZUKA, Shiji NINOMIYA, Masumi OSAWA, and Kazuo YAMASAKI, M. J. A.
- An experimental method for studying thermal transport in condensed matter. Yosio HIKI, Haruyuki TAKAHASHI, and Yoshiaki KOGURE
Communicated by Ryukiti HASIGUTI, M. J. A.
- Stereocontrolled introduction of deuterium atoms into a phytoalexin elicitor-active β -D-Glucohexaoside Namgi HONG, Yoshiaki NAKAHARA, and Tomoya OGAWA
- Synthesis of blattellastanin A, a steroid glucoside isolated as the aggregation pheromone of the German cockroach Kenji MORI and Kunio FUKAMATSU
Above two, communicated by Masanao MATSUI, M. J. A.
- Orders in quadratic fields. I R. A. MOLLIN
- Shifted divisor problem and random divisor problem. Masumi NAKAJIMA
- A generalization of Tate-Nakayama theorem by using hypercohomology Yoshihiro KOYA
Above three, communicated by Shokichi IYANAGA, M. J. A.
- On non-starlikeness of Teichmüller spaces. Masahiko TOKI
- Some generalizations of the unicity theorem of Nevanlinna Nobushige TODA
- New criteria for multivalent meromorphic starlike functions of order α M. K. AOUF
- Periodic solutions of the 2-dimensional heat convection equations. Kazuo ŌEDA
- A continuation principle for the 3-D Euler equations for incompressible fluids in a bounded domain Taira SHIROTA and Taku YANAGISAWA
Above five, communicated by Kiyosi ITÔ, M. J. A.
- Unique fatty acids of *Helicobacter pylori* are methoxy fatty acids Yoshihito INAMOTO, Sumiko HAMANAKA, Yuichiro HAMANAKA, Shigemi ARIYAMA, Tadayoshi, TAKEMOTO, and Kiwamu OKITA
Communicated by Tamio YAMAKAWA, M. J. A.
- Additivity of the sliding velocity of Acto-H-meromyosin *in vitro* driven by ATP and GTP Toshiro ODA and Koshin MIHASHI
Communicated by Setsuro EBASHI, 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. Kisaburo YOKOTA, M. J. A., had

passed away on February 17, 1993; Dr. Kozo OKAMOTO, M. J. A., had passed away on February 24, 1993. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Masao SEKINE, M. J. A., and Dr. Shigemitsu DANDO, M. J. A., paid a tribute of admiration to the late Dr. Toshihiko IZUTSU's and the late Dr. Ryosuke ISHII's meritorious services to academic circles.

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

After that, a decision was made of the recipients of Prizes for this year as follows:

Imperial Prizes and Academy Prizes to:

Issei TANAKA for "A Study of the Ritual Theatres in China"

Yasuo TANAKA for "Relativistic Characteristics of Celestial X-ray Sources"

Academy Prizes to:

Takashi NEGISHI for "History of Economic Theory"

Akito ARIMA for "Theoretical Studies on Dynamical Models and Electromagnetic Interactions of Nuclei"

Michio JIMBO for "Studies on Solvable Lattice Models and Quantum Groups"

Takanori OHKOSHI for "Coherent Optical Fiber Communications"

Toshiro KINOSHITA for "Genetical Studies on the Interaction between Cytoplasmic and Nuclear Genomes and the Application of These Studies to Actual Crop Breeding"

Hajime YAMAMOTO for "Caries Prevention and Other Application of Lasers Irradiation in Dentistry"

Keiya TADA and Goro KIKUCHI for "Studies on Hyperglycemia"

The Meeting adjourned at 4:55 p.m.

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