

## PROCEEDINGS AT THE 742ND GENERAL MEETING

The 742nd General Meeting of the Academy was held on Monday, October 13, 1980, at 1:00 p.m., Dr. Kiyoo WADATI, President, taking the chair. Eighty-five members were present, and the following communications were made:

- Citizen and arms (in classical antiquity). A supplementary remark  
 . . . . . Kentaro MURAKAWA, M. J. A.
- The characteristics of the Hanseatic merchants in the 15th century  
 . . . . . Shohei TAKAMURA, M. J. A.
- On the linear sieve. II . . . . . Yoichi MOTOHASHI
- Free arrangements of hyperplanes and unitary reflection groups . .  
 . . . . . Hiroaki TERAO
- On semipositive line bundles . . . . . Takao FUJITA  
 Above three, communicated by Kunihiko KODAIRA, M. J. A.
- An example of  $A_m$  due to a rare allele at the ABO locus with special  
 reference to N-acetyl-galactosaminyl transferase assay in serum . .  
 . . . . . Masahiko UKITA,  
 Noriko YAMADA, Taiko SENO, Yasuto OKUBO, and Hideo YAMAGUCHI  
 Communicated by Ren KIMURA, M. J. A.
- The kinetochore of the Lepidoptera. II. Chromosomal Features and  
 behavior in meiotic-II and  $^{60}\text{Co}$ -treated cells . . . . Kodo MAEKI
- Tandem translocation of no. 21 chromosome in a patient with atypical  
 Down syndrome . . . Shigeru KARUKAYA and Hiroshi YOKOYAMA
- Epstein-Barr virus and human chromosomes. Growth characteristics  
 in culture and nude mice of the virus-positive, chromosome 14-  
 containing human-mouse hybrid cells . . Kohtaro YAMAMOTO, Toyoro  
 OSATO, Osamu SHIRATORI, Susumu MAKINO, and Ken KATAGIRI
- Protection against Epstein-Barr virus oncogenesis. Cooperative effect  
 of lymphocytes, antibodies and interferon . . . . .  
 . . . . . Takao AYA, Toyoro OSATO, and Tsunatoro KISHIDA
- A 21,X/23,YYY mosaic Chinese hamster . . . . .  
 . . . . . Shin-ichi SONTA and Reiji SEMBA  
 Above five, communicated by Sajiro MAKINO, M. J. A.
- On certain numerical invariants of mappings over finite fields. II . .  
 . . . . . Takashi ONO
- On determinants of Cartan matrices of  $p$ -blocks . . . Mitsuo FUJII  
 Above two, communicated by Shokichi IYANAGA, M. J. A.
- Ordovician fossils first discovered in Japan . . . . . Hisayoshi  
 IGO, Shuko ADACHI, Hiroshi FURUTANI, and Hiroshi NISHIYAMA
- A new Ordovician Leperditiid ostracode from Japan . . . . .  
 . . . . . Shuko ADACHI and Hisayoshi IGO  
 Above two, communicated by Teiichi KOBAYASHI, M. J. A.
- Computation of the length of seiches in the lakes of arbitrary circum-  
 ference . . . . . Koji HIDAKA, M. J. A.
- Some examples of analytic functionals with carrier at the infinity . .  
 . . . . . Mitsuo MORIMOTO and Kunio YOSHINO
- Explicit formulae for solutions of Schrödinger equations with quadratic  
 Hamiltonians . . . . . Kimimasa NISHIWADA

- Polynomial Hamiltonians associated with Painlevé equations. II.  
 Differential equations satisfied by polynomial Hamiltonians . . . .  
 . . . . . Kazuo OKAMOTO  
 Characteristic Cauchy problems and solutions of formal power series  
 . . . . . Sunao ŌUCHI  
 Calculus on Gaussian white noise. I . . . . .  
 . . . . . Izumi KUBO and Shigeo TAKENAKA  
 On the essential boundary and supports of harmonic measures for the  
 heat equation . . . . . Noriaki SUZUKI  
 Above six, communicated by Kōsaku YOSIDA, M. J. A.  
 Electrical properties of *Tetrahymena*, a suitable tool for studies on  
 membrane excitation . . . . . Hiroshi  
 ONIMARU, Kazuo OHKI, Yoshinori NOZAWA, and Yutaka NAITOH,  
 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 election of President took place to succeed Dr. Kiyoo WADATI. Dr. Hiromi ARISAWA was elected.

Next, Dr. Hiromi ARISAWA, President, announced that Dr. Yushi UCHIMURA, M. J. A., had died on September, 17, 1980; Dr. Tei-ichi ITO, M. J. A., on October 10, 1980; the members rose from their seats in silence, expressing profound sense of grief.

Then, Dr. Yoshitake OKA, M. J. A., paid a high tribute to the late Dr. Tsugimaro IMANAKA'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 adjourned at 4:40 p.m.

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