

## PROCEEDINGS AT THE 869TH GENERAL MEETING

The 869th General Meeting of the Academy was held on Wednesday, May 12, 1993, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-four members were present, and the following communications were made:

- Notable recent achievements in historical studies looking forward Kyoto 1200 . . . .  
 . . . . . Tatsusaburo HAYASHIYA, M. J. A.
- On global warming . . . . . Hirofumi UZAWA, M. J. A.
- Earthquake response analysis of a soft deposit on uneven bedrock . . . . .  
 . . . . . Choshiro TAMURA and Kazuo KONAGAI  
 Communicated by Shunzo OKAMOTO, M. J. A.
- The infectious transcripts of sweet clover necrotic mosaic virus bepartite genome  
 constructed by the polymerase chain reaction . . . . .  
 . . . . . Zhongming GE and Chuji HIRUKI
- Three new corticiaceous fungi (Basidiomycotina, Aphyllophorales) from Japan . . . .  
 . . . . . Nitaro MAEKAWA  
 Above two, communicated by Naohide HIRATSUKA, M. J. A.
- On confluences of the general hypergeometric systems . . . . .  
 . . . . . Hironobu KIMURA, Yoshishige HARAOKA, and Kyoichi TAKANO
- Contiguity relations of generalized confluent hypergeometric functions . . . . .  
 . . . . . Yoshishige HARAOKA and Hironobu KIMURA
- Regularity theorems for holonomic modules . . . . . Naofumi HONDA
- A partial criterion for ergodicity of geodesic flows on surfaces with infinite area  
 and negative curvature . . . . . Hiroshi SHIRAKAWA
- On total risk aversion and differential games for controlled parabolic equations. . . .  
 . . . . . Makiko NISIO  
 Above five, communicated by Kiyosi ITÔ, M. J. A.
- Detection of single atom extraction and deposition events during nanolithographic  
 processing of silicon with a scanning tunneling microscope . . . . .  
 . . . . . François GREY, De Huan HUANG,  
 Ataru KOBAYASHI, Eric J. SNYDER, Hironaga UCHIDA, and Masakazu AONO  
 Communicated by Ryukiti HASIGUTI, M. J. A.
- Eigenvalues of the Laplace-Beltrami operator and the von-Mangoldt function. . . .  
 . . . . . Akio FUJII
- A determinant formula for period integrals . . . . .  
 . . . . . Takeshi SAITO and Tomohide TERASOMA
- On the second microlocalization along isotropic submanifolds . . . . .  
 . . . . . Kiyoshi TAKEUCHI
- On the stabilizer of companion matrices . . . . . Javier GOMEZ-CALDERON
- Construction of rank two reflexive sheaves with similar properties to the  
 Horrocks-Mumford bundle . . . . .  
 . . . . . Nobuo SASAKURA, Yoichi ENTA, and Masataka KAGESAWA  
 Above five, communicated by Shokichi IYANAGA, M. J. A.
- Pseudo volume forms and their applications to holomorphic mappings. . . . .  
 . . . . . Pei-Chu HU and Chung-Chun YANG  
 Communicated by Heisuke HIRONAKA, 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. Masaakira KATSUMOTO, M. J. A., had passed away on April 19, 1993. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Shigejiro TABATA, M. J. A., and Dr. Osamu HAYAISHI, M. J. A., paid a tribute of admiration to the late Dr. Kisaburo YOKOTA's and the late Kozo OKAMOTO's meritorious services to academic circles, respectively.

The chairmen of both Sections made reports of the matters dealt with at the respective Sectional Meetings.

The Meeting adjourned at 4:45 p.m.

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