

## PROCEEDINGS AT THE 827TH GENERAL MEETING

The 827th General Meeting of the Academy was held on Monday, March 13, 1989, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-eight members were present, and the following communications were made:

- On "Amayonoshinasadame", one of the known stories in *Genji-monogatari* . . . . . Akio ABE, M. J. A.  
 Information and finance . . . . . Ryuichiro TACHI, M. J. A.  
 Strong continuity of the solution to the Ljapunov equation  $XL - BX = C$  relative to an elliptic operator  $L$  . . . . . Takao NAMBU  
 Asymptotic behavior of the solution for an elliptic boundary value problem with exponential nonlinearity . . . . . Takashi SUZUKI and Ken'ichi NAGASAKI  
 Convex operators and convex integrands . . . . . Naoto KOMURO  
 On the exponentially asymptotic stability of a perturbed nonlinear system . . . . . Takashi OHE and Minoru YAMAMOTO  
 Notes on certain analytic functions . . . . . Mamoru NUNOKAWA and Shigeyoshi OWA  
 . . . . . Above five, communicated by Kôzaku YOSHIDA, M. J. A.  
 A Silurian trilobite from Thailand . . . . . Teichi KOBAYASHI, M. J. A., and Sumio SAKAGAMI  
 Method of detecting cysteine-containing protein and its application to histone-like proteins . . . . . Masashi SUZUKI  
 . . . . . Communicated by Setsuro EBASHI, M. J. A.  
 Ion cyclotron waves associated with ssc and initial phase of magnetic storms . . . . . Yoshio KATO, M. J. A., and Yutaka TONEGAWA  
 Trapping of hydrogen by solute atoms in Nb-Mo alloys as observed by the channelling method . . . . . Eiichi YAGI, Takane KOBAYASHI, Kenji WATANABE, Yuh FUKAI, and Takehiko MATSUMOTO  
 . . . . . Communicated by Ryukiti HASIGUTI, M. J. A.  
 Stepwise sarcomere shortening in locally activated frog skeletal muscle fibers . . . . . Miho TORIDE and Haruo SUGI  
 . . . . . Communicated by Yasuji KATSUKI, M. J. A.  
 Dependence of tonoplast transport of amino acids on vacuolar pH in *Chara* cells . . . . . Shin-ichi AMINO and Masashi TAZAWA  
 . . . . . Communicated by Noburô KAMIYA, M. J. A.  
 Linear plasmid DNA in *Pyrenophora graminea*, a fungal pathogen of barley . . . . . Kazuyuki HIRATSUKA, Shigetou NAMBA, Shuichi YAMASHITA, and Tsuneo TSUCHIZAKI  
 . . . . . Communicated by Naohide HIRATSUKA, 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. Kiyoshi MUTO, M. J. A., had passed away on March 12, 1989. The members rose from their seats in silence, expressing profound sense of grief.

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

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

Imperial Prizes and Academy Prizes to:

Tomi SAEKI for "Studies on the History of Salt Administration in China"

Yorio HINUMA for "Studies on Viral Etiology of Adult T-cell Leukemia"

Academy Prizes to:

Sengaku MAYEDA for "Completion of the Critical Edition of Śaṅkara's Upadeśasāhasrī and Annotations on it"

Tôru MORIYA for "Theory of Spin Fluctuations in Itinerant Electron Magnetism"

Susumu KATO for "Study on Atmospheric Tides and Gravity Waves"

Masatoshi KOSHIBA for "Detection of Neutrino Burst from Supernova in Large Magellanic Cloud (SN 1987A)"

Toshio FUJITA for "Studies on Heat Resistant Steels"

Kikuo KUMAZAWA for "Emission Spectroscopic Determination of  $^{15}\text{N}$  in Trace Amounts of Sample and its Application to Nitrogen Nutrition of Plants"

Hisayuki MATSUO for "Studies on Biologically Active Peptides Involved in Bio-Communication: Especially on Structure and Function of Atrial Natriuretic Peptides".

The Meeting adjourned at 4:30 p.m.

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