

## PROCEEDINGS AT THE 834TH GENERAL MEETING

The 834th General Meeting of the Academy was held on Tuesday, December 12, 1989, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-two members were present, and the following communications were made:

- Japanese "Syoen" . . . . . Rizo TAKEUCHI, M. J. A.  
 Measures of implementation of Human Rights Treaties . . . . .  
 . . . . . Shigejiro TABATA, M. J. A.  
 Some remarks on index and entropy for von Neumann subalgebras . .  
 . . . . . Satoshi KAWAKAMI  
 Differential inequalities and Carathéodory functions . . . . .  
 . . . . . Mamoru NUNOKAWA  
 Second microlocal singularities and boundary values of holomorphic  
 functions . . . . . Yasunori OKADA and Nobuyuki TOSE  
 A property of certain analytic functions involving Ruscheweyh deriva-  
 tives . . . . . Ming-Po CHEN and Shigeyoshi OWA  
 Above four, communicated by Kôzaku YOSIDA, M. J. A.  
 Transmission of sweet clover necrotic mosaic virus . . . . .  
 . . . . . Chuji HIRUKI, Kaoru KUDO, and Gina FIGUEIREDO  
 Communicated by Naohide HIRATSUKA, M. J. A.  
 Matrix prime number theorems . . . . . C. R. MATTHEWS  
 On the automorphism groups of edge-coloured digraphs . . . . .  
 . . . . . Mitsuo YOSHIKAWA  
 Corrections to The mean square of Dirichlet  $L$ -Functions . . . . .  
 . . . . . Kohji MATSUMOTO  
 Above three, communicated by Shokichi IYANAGA, M. J. A.  
 Expression of a dystrophin-like protein on the surface membrane of  
 muscle cells in *mdx* mice . . . . .  
 . . . . . Hikaru TANAKA, Teruo SHIMIZU, and Eijiro OZAWA  
 Communicated by Setsuro EBASHI, M. J. A.  
 Orbi-maps and 3-orbifolds . . . . . Yoshihiro TAKEUCHI  
 Communicated by Kunihiko KODAIRA, M. J. A.  
 Ultra-slow negative muon production via muon catalyzed fusion . . .  
 . . . . . Kanetada NAGAMINE  
 Communicated by Minoru ODA, M. J. A.  
 Achievement of intense "cold" fusion reaction . . . . .  
 . . . . . Yoshiaki ARATA, M. J. A., and Yue-Chang ZHANG  
 DNA amplification from ancient human skeletal remains and their se-  
 quence analysis . . . . . Satoshi HORAI, Kenji HAYASAKA, Kumiko  
 MURAYAMA, Noriyuki WATE, Hiroko KOIKE, and Nobuyuki NAKAI  
 Communicated by Motoo KIMURA, 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, Dr. Shunzo OKAMOTO, M. J. A., and Dr. Kisaburo YOKOTA, M. J. A., paid a tribute of admiration to the late Dr. Shizuo BAN's and the late Dr. Shiro KIYOMIYA's meritorious services to academic circles respectively.

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

Finally, the recommendations of both Sections for the new Membership of the Academy, were accepted unanimously. The new members elected are:

Section I: Tamaki OGAWA (Chinese Language and Literature), Makoto SAITO (American Political and Diplomatic History), Kazuo YAMAGUCHI (Japanese Economic History), Hirofumi UZAWA (Economics).

Section II: Katsuma DAN (Developmental Biology), Kazuo YAMASAKI (Inorganic Chemistry), Kazuhiko NISHIJIMA (Theoretical Physics), Shutaro YAMAMOTO (Veterinary Pathology), Seiji MOROHOSHI (Sericulture and Insect Genetics), Saburo TAMURA (Bioorganic Chemistry), Toshio SAWADA (Irrigation, Drainage and Reclamation Engineering), Masao ITO (Physiology).

The Meeting adjourned at 4:45 p.m.

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