

PROCEEDINGS AT THE 897TH GENERAL MEETING

The 897th General Meeting of the Academy was held on Tuesday, March 12, 1996, at 1:10 p.m., Dr. Yoshio FUJITA, President, taking the chair. Ninety-three members were present, and the following communications were made:

- The flow of silver and gold and the trade of copper in the modern times . . . Atsushi KOBATA, M. J. A.
 Global warming and the stability of Lindahl equilibrium . . . Hirofumi UZAWA, M. J. A.
 Mystery of sleep . . . Osamu HAYAISHI, M. J. A.
 Power series with the Riemann zeta-function in the coefficients . . . Masanori KATSURADA
 The relative class number of certain imaginary abelian number fields of odd conductors . . .
 . . . Akira ENDÔ
 On $L(1, \chi)$ and class number formula for the real quadratic fields . . .
 . . . Ming-Guang LEU
 Above three, communicated by Shokichi IYANAGA, M. J. A.
 PCR (polymerase chain reaction)-based selection of phytoplasma-free clones of paulownia tissue
 culture after heat treatment of Witches's-broom . . . Keri WANG and Chuji HIRUKI
 Communicated by Naohide HIRATSUKA, M. J. A.
 Deep structure of seamount of younger age inferred from gravity anomaly . . .
 . . . Yoshibumi TOMODA, M. J. A., and Hiromi FUJIMOTO
 Synaptic spinules attendant on post-tetanic potentiation in cat sympathetic ganglion. . .
 . . . Tomoko KADOTA, Muneaki MOZOTE, and Ken KADOTA
 Nicotinic receptor-mediated Ca^{2+} mobilization and catecholamine secretion in chick adrenal
 chromaffin cells
 . . . Hiroki TERAOKA, Rumiko MATSUZAWA, Yutaka MARUYAMA, Takeo HIRAGA, and Akira OHGA
 Above two, communicated by Setsuro EBASHI, M. J. A.
 Monopoles and dipoles in biharmonic pseudo process. . . Kunio NISHIOKA
 On the non-analytic examples of Christ and Geller. . . Joe KAMIMOTO
 Spectra of the Laplacian with small Robin conditional boundary. . . Shin OZAWA
 On subsets of C^{n+1} in general position . . . Nobushige TODA
 . . .
 Above four, communicated by Kiyosi ITÔ, M. J. A.
 On the degrees of irrationality of hyperelliptic surfaces . . . Hisao YOSHIHARA
 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, Osamu HAYASHI, M. J. A., paid a tribute of admiration to the late Dr. Hideo NISHIMURA's meritorious services to academic circles.

Then, 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.

日本学士院紀要

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PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

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