

PROCEEDINGS AT THE 918TH GENERAL MEETING

The 918th General Meeting of the Academy was held on Monday, April 13, 1998, at 1:03 p.m., Dr. Yoshio FUJITA, President, taking the chair. Ninety-eight members were present, and the following communications were made:

- Novalis-worte in Thomas Manns "Von Deutscher Republik" Masami TOBARI, M. J. A.
 On Lü-ling or Ritsuryo Shuzo SHIGA, M. J. A.
 Studies on macromolecular chemistry in my laboratory Seizo OKAMURA, M. J. A.
 Lipase-catalyzed ring-opening polymerization of 16-hexadecanolide
 Shuhei NAMEKAWA, Hiroshi UYAMA, and Shiro KOBAYASHI
 Communicated by Seizo OKAMURA, M. J. A.
 Reproduction of mimosa and clock anomalies before earthquakes. Are they "*Alice in the Wonderland Syndrome*"?. Motoji IKEYA, Tomonori MATSUDA, and Chihiro YAMANAKA
 Communicated by Seiya UYEDA, M. J. A.
 Identification of spectral lines in photographic-infrared region from λ 8630 to λ 8800 in cool carbon stars
 Yoshio FUJITA, M. J. A.
 Résolubilité du problème de Cauchy pour certains opérateurs du type de Schrödinger Jiro TAKEUCHI
 Uniqueness of the nonlinear term of a boundary value problem from the first bifurcating branch
 Yutaka KAMIMURA
 An inequality among infinitesimal characters related to the lowest K -types of discrete series
 Masato WAKAYAMA
 Above three, communicated by Kiyosi ITÔ, M. J. A.
 A special divisor on a double covering of a compact Riemann surface Shigeo MITSUNARI
 Corestriction principle in non abelian Galois cohomology Quốc Thắng NGUYỄN
 Exotic group actions in dimension four and Seiberg-Witten theory Masaaki UE
 Above three, 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. Kenichiro OSUMI, M. J. A., had passed away on March 19, 1998. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Masami ITO, M. J. A., paid a tribute of admiration to the late Dr. Kiminobu HASHIMOTO's meritorious services to academic circles.

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

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

Imperial Prize and Japan Academy Prize to:

Toshio YANAGIDA for "Direct Manipulation and Observation of Molecular Machines of Biological Movements"

Japan Academy Prizes to:

Seizo SEKINE for *Transcendancy and Symbols in the Old Testament—Genealogy of Hermeneutical Experiences*

Takane SUGIHARA for *The International Court of Justice*

Norio KAIFU for "Interstellar Matter"

Yasutaka IHARA for "Studies in Arithmetic"

Norio ISE for "Microstructure in Homogeneous Disperse Systems"

Hideaki YAMADA and Teruhiko BEPPU for "Basic Studies for Development and Application of Microbial Functions"

Shoshichi NOJIMA for “Studies on Structure and Metabolism of Membrane Phospholipids, Especially on *E. Coli* Phospholipases”

Kazuo SASAKI for “Integrative Function of the Central Nervous System”

Duke of Edinburgh Prize for 1998 to:

Tatuo KIRA for. “Contributions to the Development of Quantitative Plant Ecology and the Conservation of Natural Environments”

The Meeting adjourned at 4:50 p.m.

日本学士院紀要

平成10年4月 第74巻A 第4号

平成10年5月6日 印刷

平成10年5月8日 発行

編集兼
発行者

日 本 学 士 院
〒110-0007 東京都台東区上野公園7-32

印刷者

株 式 東 京 プ レ ス
会 社
〒174-0075 東京都板橋区桜川2-27-12

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

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