

PROCEEDINGS AT THE 901ST GENERAL MEETING

The 901st General Meeting of the Academy was held on Thursday, September 12, 1996, at 1:05 p.m., Dr. Yoshio FUJITA, President, taking the chair. Eighty members were present, and the following communications were made:

- The problem of between faith and evidence in religious unity Yoshinori TAKEUCHI, M. J. A.
 McKay correspondence and Hilbert Schemes Yukari ITO and Iku NAKAMURA
 The automorphism group of the klein curve in the mapping class group of genus 3
 Atsushi MATSUURA
 The maximal finite subgroup in the mapping class group of genus 5 B. BATTSENGEL
 Above three, communicated by Heisuke HIRONAKA, M. J. A.
 Side-chain conformations cooperatively restricted in protein secondary structure. I. A novel
 method for exhaustive structure searching
 Haruki NAKAMURA, Ryuji TANIMURA, and Akinori KIDERA
 Side-chain conformations cooperatively restricted in protein secondary structure. II. Side-chain
 configurational entropies of α -helices in the folding nuclei
 Haruki NAKAMURA, Ryuji TANIMURA, and Akinori KIDERA
 Influence of long and strong constant magnetic field on bullfrog muscle tension
 Youko SATOW, Takashi KAWASHIMA, Hirotaka SATAKE, and Ken'ichi MATSUNAMI
 Above three, communicated by Setsuro EBASHI, M. J. A.
 On the structure of Painlevé transcendents with a large parameter. II.
 Takahiro KAWAI and Yoshitsugu TAKEI
 Oscillation of solutions of nonlinear wave equations Hiroshi UESAKA
 A characterization of reflexivity Sever S. DRAGOMIR
 Criterion of Wiener type for minimal thinness on covering surfaces Hiroaki MASAOKA
 Above four, communicated by Kiyosi ITÔ, M. J. A.
 Quadratic forms and elliptic curves Takashi ONO
 On the upper bounds of the Schur indices of simple finite groups of Lie type. Zyozyu OHMORI
 A generalization of Rosenhain's normal form for hyperelliptic curves with an application
 Koichi TAKASE
 Class number one problem for pure cubic fields of Rudman-Stender type Dongho BYEON
 Non-congruent numbers with arbitrarily many prime factors congruent to 3 modulo 8
 Boris ISKRA
 Above five, communicated by Shokichi IYANAGA, M. J. A.
 Expression of borna disease virus messages in clinical samples from patients with brain malignant
 tumors Takaaki NAKAYA, Mitsuhiro TADA, Hiroyasu TAKAHASHI,
 Suguru FUJIWARA, Shiro SAKUMA, Yutaka SAWAMURA, Hiroshi ABE, and Kazuyoshi IKUTA
 Communicated by Masanori OTSUKA, 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. Hisao ÔTSUKA, M. J. A., had passed away on June 9, 1996; Dr. Masao MARUYAMA, M. J. A., had passed away on August 15, 1996. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Yoshikazu MIYAZAKI, M. J. A., paid a tribute of admiration to the late Dr. Yuzo YAMADA'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 4:00 p.m.

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PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

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