

## PROCEEDINGS AT THE 841ST GENERAL MEETING

The 841st General Meeting of the Academy was held on Wednesday, September 12, 1990, at 1:05 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Seventy-seven members were present, and the following communications were made:

Fukuzawa Yukichi's article: "Let's go away from Asia" (Datsua-ron)

—It's backgrounds and implications— . . . Masao MARUYAMA, M. J. A.

Juvenile literature in ancient and medieval age . . . Teiji ICHIKO, M. J. A.

$q$ -analogue of de Rham cohomology associated with Jackson integrals.

I. . . . . Kazuhiko AOMOTO

On 3-connected 10-dimensional manifolds . . . . . Hiroyasu ISHIMOTO

Some trace relations of twisting operators on the spaces of cusp forms

of half-integral weight . . . . . Masaru UEDA

Newforms of half-integral weight and the twisting operators . . . . .

. . . . . Masaru UEDA

Symmetries of the Garnier system and of the associated polynomial

Hamiltonian system . . . . . Hironobu KIMURA

Twisting symmetry-spins of pretzel knots . . . . . Masakazu TERAGAITO

Note on isometry invariant geodesic on two dimensional spherical

manifold . . . . . Tetsunori KUROGI

The differentiable pinching problem and the diffeotopy theorem . . . . .

. . . . . Yoshihiko SUYAMA

Above eight, communicated by Kunihiko KODAIRA, M. J. A.

On the applicability of homogeneous nucleation theories . . . . .

. . . . . Fumio KAMIJO

Communicated by Yoshio FUJITA, M. J. A.

Origin of auroral kilometric radiation as conversion of the upper

hybrid mode plasma waves . . . . . Hiroshi OYA

Communicated by Takesi NAGATA, M. J. A.

A remark on a class of certain analytic functions . . . . . Seiichi FUKUI

A note on  $p$ -valently Bazilevič functions . . . . .

. . . . . Shigeyoshi OWA and Rikuo YAMAKAWA

On the local zeta functions of the Hilbert modular schemes . . . . .

. . . . . Kazuyuki HATADA

A generalization of the Chowla-Selberg formula and the zeta functions

of quadratic orders . . . . . Masanobu KANEKO

The mean square of Dirichlet  $L$ -functions (A generalization of Bala-

subramanian's method) . . . . . Kohji MATSUMOTO

On the number of apparent singularities . . . . . Akihiro SAEKI

Convergence theorems for the pseudo-conformally invariant nonlinear

Schrödinger equation . . . . . Hayato NAWA

A weak convergence theorem in Sobolev spaces with application to

Filippov's evolution equations . . . . . Toru MARUYAMA

Sur le principe de Duhamel . . . . . Keiichiro KITAGAWA

On the reduction of binary cubic forms with positive discriminants. I.

. . . . . Masao ARAI

Above ten, communicated by Shokichi IYANAGA, M. J. A.

Quartz pseudomorph after coesite in garnet from a garnet-chloritoid-

talc schist, Northern Tien-Shan, Kirghiz SSR . . . . .

. . . . . Michio TAGIRI and Apas BAKIROV

Communicated by Syun-iti AKIMOTO, M. J. A.

- Enhanced detection of a plant pathogenic mycoplasma-like organism  
by polymerase chain reaction . . . Sujun DENG and Chuji HIRUKI  
Communicated by Naohide HIRATSUKA, M. J. A.
- Porcine skeletal muscle dystrophin . . . . . Hideto KUWA-  
YAMA, Masayo SUGIURA, Hideo SUGITA, and Setsuro EBASHI, M. J. A.
- Effects of long exposure to large static magnetic field on the recovery  
process of bullfrog sciatic nerve activity . . . . .  
. . . . . Youko SATOW, Hirotaka SATAKE, and Ken'ichi MATSUNAMI  
Communicated by Setsuro EBASHI, 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. Kôzaku YOSIDA, M. J. A., had passed away on June 20, 1990; Dr. Shinji FUKUI, M. J. A., on July 16, 1990; Dr. Edwin Oldfather REISCHAUER, Honorary Member, on September 1, 1990. The members rose from their seats in silence, expressing profound sense of grief.

Next, Dr. Norimune SODA, M. J. A., and Dr. Takashi SUGIMURA, M. J. A., paid a tribute of admiration to the late Dr. Itiro TANI's and the late Dr. Yuichi YAMAMURA'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, a report was made by Dr. Masao SEKINE, M. J. A., on his mission to the 64th Session of the International Union of Academies held in Brussels in June this year.

The Meeting adjourned at 5:00 p.m.

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## CONTENTS

*(Continued from Front Cover)*

	<b>Page</b>
K. HATADA: On the Local Zeta Functions of the Hilbert Modular Schemes . . . . .	195
M. KANEKO: A Generalization of the Chowla-Selberg Formula and the Zeta Functions of Quadratic Orders . . . . .	201
K. MATSUMOTO: The Mean Square of Dirichlet $L$ -functions (A Generalization of Balasubramanian's Method) . . . . .	204
A. SÆKI: On the Number of Apparent Singularities . . . . .	209
H. NAWA: Convergence Theorems for the Pseudo-Conformally Invariant Nonlinear Schrödinger Equation . . . . .	214
T. MARUYAMA: A Weak Convergence Theorem in Sobolev Spaces with Application to Filippov's Evolution Equations . . . . .	217
K. KITAGAWA: Sur le principe de Duhamel . . . . .	222
M. ARAI: On the Reduction of Binary Cubic Forms with Positive Discriminants. I. . . . .	226
Proceedings at the 841st General Meeting . . . . .	XXXIII