

PROCEEDINGS AT THE 821ST GENERAL MEETING

The 821st General Meeting of the Academy was held on Monday, September 12, 1988, at 1:00 p.m., Dr. Yoshitaro WAKIMURA, President, taking the chair. Eighty-five members were present, and the following communications were made:

- A study on the history of the Besshi copper mine
 Atsushi KOBATA, M. J. A.
- Solvability in distributions for a class of singular differential operators.
 I Hidetoshi TAHARA
- A generalization of the Hille-Yosida theorem Isao MIYADERA
- Fractional powers of operators and evolution equations of parabolic
 type Atsushi YAGI
- The uniqueness of periodic solutions of Liénard equations in some do-
 mains including the origin
 Masaki HIRANO and Minoru YAMAMOTO
- Cyclotomic invariants for links
 Tsuyoshi KOBAYASHI, Hitoshi MURAKAMI, and Jun MURAKAMI
- Support of CR-hyperfunctions Shinichi TAJIMA
 Above six, communicated by Kôzaku YOSIDA, M. J. A.
- Identification of the (+2) Sequence of CN Red System ($A^2I-X^2\Sigma$) in
 carbon stars Yoshio FUJITA, M. J. A.
- Stimulated otoacoustic emissions from ears with sensorineural hearing
 loss Yasuo TANAKA
 Communicated by Yasuji KATSUKI, M. J. A.
- Local deformation of pencil of curves of genus two . . Eiji HORIKAWA
 Communicated by Kunihiko KODAIRA, M. J. A.
- Molecular structure of interleukin 6 receptor
 Katsuhiko YAMASAKI, Tetsuya TAGA,
 Yuuichi HIRATA, Hideo YAWATA, Yoshikazu KAWANISHI, Brian SEED,
 Tadatsugu TANIGUCHI, Toshio HIRANO, and Tadamitsu KISHIMOTO
 Communicated by Yuichi YAMAMURA, M. J. A.
- The Japanese Islands of the Mesozoic age
 Teiichi KOBAYASHI, M. J. A.
- Mating type of pine gall rust fungus, *Cronartium quercuum*
 Sadato YAMAZAKI and Keizo KATSUYA
 Communicated by Naohide HIRATSUKA, M. J. A.
- A monoclonal antibody against a synthetic polypeptide fragment of
 dystrophin (amino acid sequence from position 215 to 264)
 Teruo SHIMIZU, Kiichiro MATSUMURA,
 Kazuki HASHIMOTO, Toru MANNEN, Tsuneo ISHIGURO, Chikahiko
 EGUCHI, Ikuya NONAKA, Mikiharu YOSHIDA, and Eijiro OZAWA
 Communicated by Setsuro EBASHI, M. J. A.
- A new family of mobile dispersed middle repetitive elements in *Dro-
 sophila melanogaster*
 Ko HARADA, Akihiko KOGA, Shin-ichi KUSAKABE, and Terumi MUKAI
 Communicated by Motoo KIMURA, M. J. A.
- On complexes in a finite abelian group. I
 Tamás SZÖNYI and Ferenc WETTL
- Eigenvalues and eigenvectors of supermatrices
 Yuji KOBAYASHI and Shigeaki NAGAMACHI

On the Schur indices of certain irreducible characters of simple algebraic groups over finite fields	Zyozyu OHMORI
Indistinguishability of conjugacy classes of the pro- l mapping class group	Mamoru ASADA
Some generalizations of Chebyshev's conjecture	Akio FUJII
Above five, communicated by Shokichi IYANAGA, 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. Takao TSUCHIYA, M. J. A., had passed away on August 19, 1988; Dr. Kei ARIMA, M. J. A., on August 23, 1988; Dr. Shingo MITSUI, M. J. A., on September 4, 1988. The members rose from their seats in silence, expressing profound sense of grief.

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

Then, the President reported that Dr. Masao KOTANI, M. J. A., was elected Chairman of Section II.

Finally, a report was made by Dr. Tatsuro YAMAMOTO, M. J. A., on his mission to the 62nd Session of the International Union of Academies held in Bruxelles in June this year.

The Meeting adjourned at 5:00 p.m.

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CONTENTS

(Continued from Front Cover)

	Page
A. FUJII: Some Generalizations of Chebyshev's Conjecture	260
Proceedings at the 821st General Meeting	XXIX