

PROCEEDINGS AT THE 745TH GENERAL MEETING

The 745th General Meeting of the Academy was held on Monday, January 12, 1981, at 1:00 p.m., Dr. Hiromi ARISAWA, President, taking the chair. Ninety-two members were present, and the following communications were made:

- The biography of Godai Tomoatsu, especially about Koseikan (the mine company) and Tyoyokan (the indigo factory) operated by Godai . . .
 Mataji MIYAMOTO, M. J. A.
- An approximate positive of essentially self-adjoint pseudo-differential operator Daisuke FUJIWARA
- A note on a regularity of irreducible characters of a non-connected Lie group C. FRONSDAL and T. HIRAI
- The spectrum of the Laplacian of a Z_3 -invariant domain
 Masao TANIKAWA
- Global solution of the initial value problem for a discrete velocity model of the Boltzmann equation Shuichi KAWASHIMA
- Bochner problem on a topological vector space with a quasi-invariant measure Yoshiaki OKAZAKI
- The Lax-Milgram theorem for Banach spaces. II . . S. RAMASWAMY
- Scattering techniques in transmutation and some connection formulas for special functions . . . Robert CARROLL and John E. GILBERT
- Above seven, communicated by Kôzaku YOSIDA, M. J. A.
- A karyotype study of colored-carp (*Cyprinus carpio*). A preliminary report Yoshio OJIMA and Akinori TAKAI
- Cytogenetic studies on the Indian spiny mouse, *Mus platythrix*. I. Frequency of sister chromatid exchanges in lung primary cultures
 Tosihide H. YOSIDA and Toru INOUE
- Active development in preimplantation stages of giant digynic triploids in the Chinese hamster Kenji FUNAKI
- Above three, communicated by Sajiro MAKINO, M. J. A.
- On conformal diffeomorphisms between product Riemannian manifolds
 Yoshihiro TASHIRO
- Simple singularities and infinitesimally symmetric spaces
 Jiro SEKIGUCHI and Yasuhiro SHIMIZU
- On Siegel eigenforms Nobushige KUROKAWA
- On Eisenstein series for Siegel modular groups
 Nobushige KUROKAWA
- Above four, communicated by Kunihiko KODAIRA, M. J. A.
- Class number calculation and elliptic unit. I. Cubic case
 Ken NAKAMULA
- Note on cyclic Galois extensions Kozo SUGANO
- A summation method for linearly ordered series . . Kanetsiroo ISEKI
- On certain numerical invariants of mappings over finite fields. IV
 Takashi ONO
- Suites limite-périodiques et théorie des nombres. IV
 J.-L. MAUCLAIRE
- Zeta functions in several variables-associated with prehomogeneous vector spaces. I. Functional equations Fumihiko SATO
- Above six, communicated by Shokichi IYANAGA, M. J. A.